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Ferrari

(54) **THERAPY TRACKING AND MANAGEMENT SYSTEM**

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(21) Appl. No.: **13/668,303**

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(60) Provisional application No. 61/555,497, filed on Nov. 4, 2011.

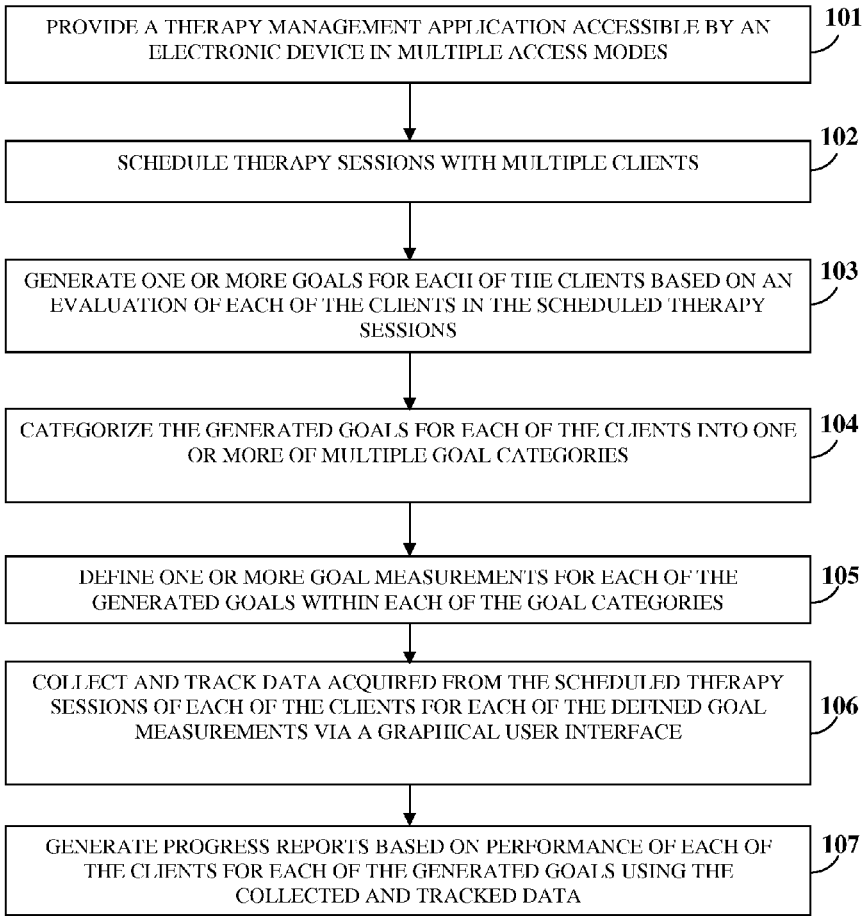
Publication Classification

(51) **Int. Cl.**
G06Q 50/22 (2012.01)

(52) **U.S. Cl.**
USPC **705/2**

(57) **ABSTRACT**

A computer implemented method and system for tracking and managing therapy sessions using a therapy management application (TMA) is provided. The TMA is accessible by an electronic device in multiple access modes. The TMA schedules therapy sessions with multiple clients and generates one or more goals for each of the clients based on an evaluation of the clients in the therapy sessions. The TMA categorizes the generated goals for each of the clients into one or more goal categories and defines one or more goal measurements for each of the generated goals within each of the goal categories. The TMA collects and tracks data acquired from the scheduled therapy sessions of each of the clients for the defined goal measurements via a graphical user interface. The TMA generates progress reports based on performance of each of the clients for each of the generated goals using the collected and tracked data.



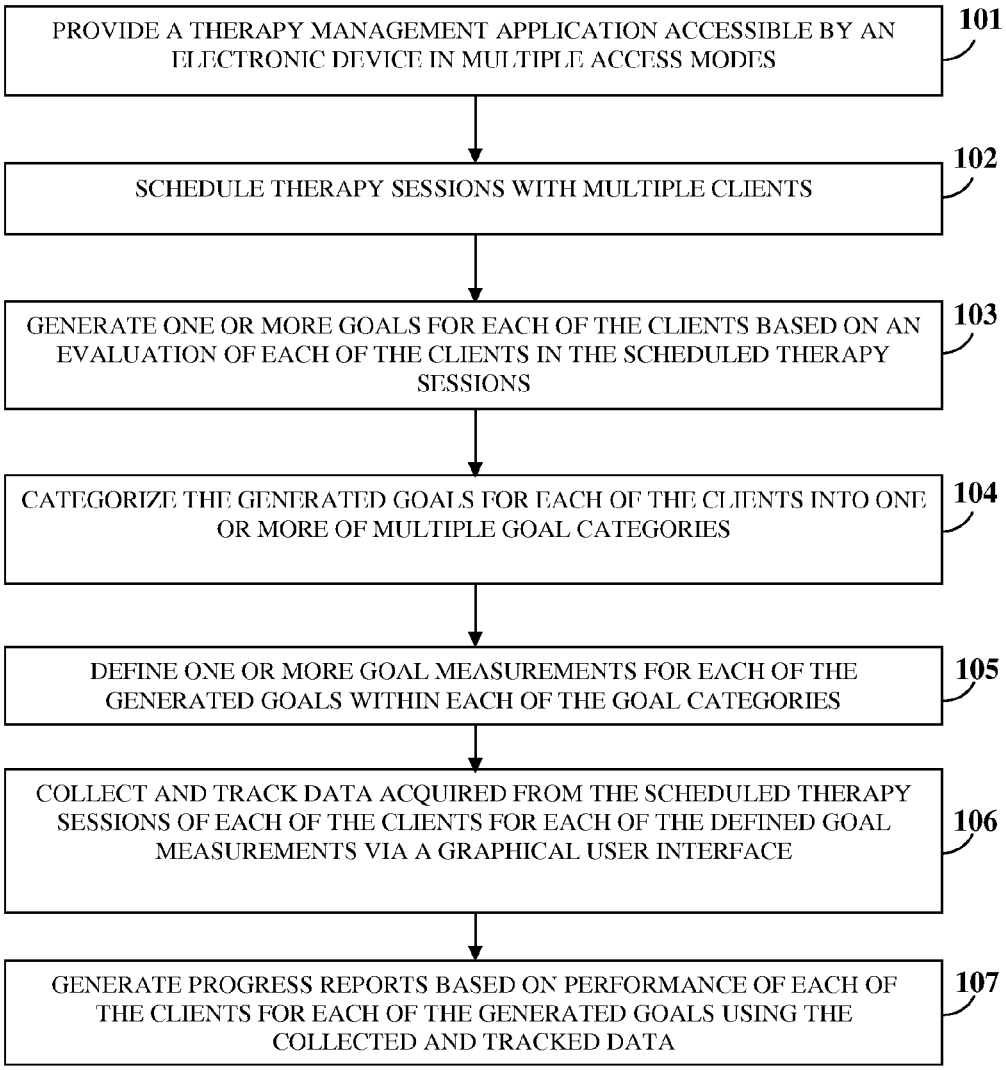

PROVIDE A THERAPY MANAGEMENT APPLICATION ACCESSIBLE BY AN ELECTRONIC DEVICE IN MULTIPLE ACCESS MODES
101
SCHEDULE THERAPY SESSIONS WITH MULTIPLE CLIENTS
102
GENERATE ONE OR MORE GOALS FOR EACH OF THE CLIENTS BASED ON AN EVALUATION OF EACH OF THE CLIENTS IN THE SCHEDULED THERAPY SESSIONS
103
CATEGORIZE THE GENERATED GOALS FOR EACH OF THE CLIENTS INTO ONE OR MORE OF MULTIPLE GOAL CATEGORIES
104
DEFINE ONE OR MORE GOAL MEASUREMENTS FOR EACH OF THE GENERATED GOALS WITHIN EACH OF THE GOAL CATEGORIES
105
COLLECT AND TRACK DATA ACQUIRED FROM THE SCHEDULED THERAPY SESSIONS OF EACH OF THE CLIENTS FOR EACH OF THE DEFINED GOAL MEASUREMENTS VIA A GRAPHICAL USER INTERFACE
106
GENERATE PROGRESS REPORTS BASED ON PERFORMANCE OF EACH OF THE CLIENTS FOR EACH OF THE GENERATED GOALS USING THE COLLECTED AND TRACKED DATA
107

FIG. 1

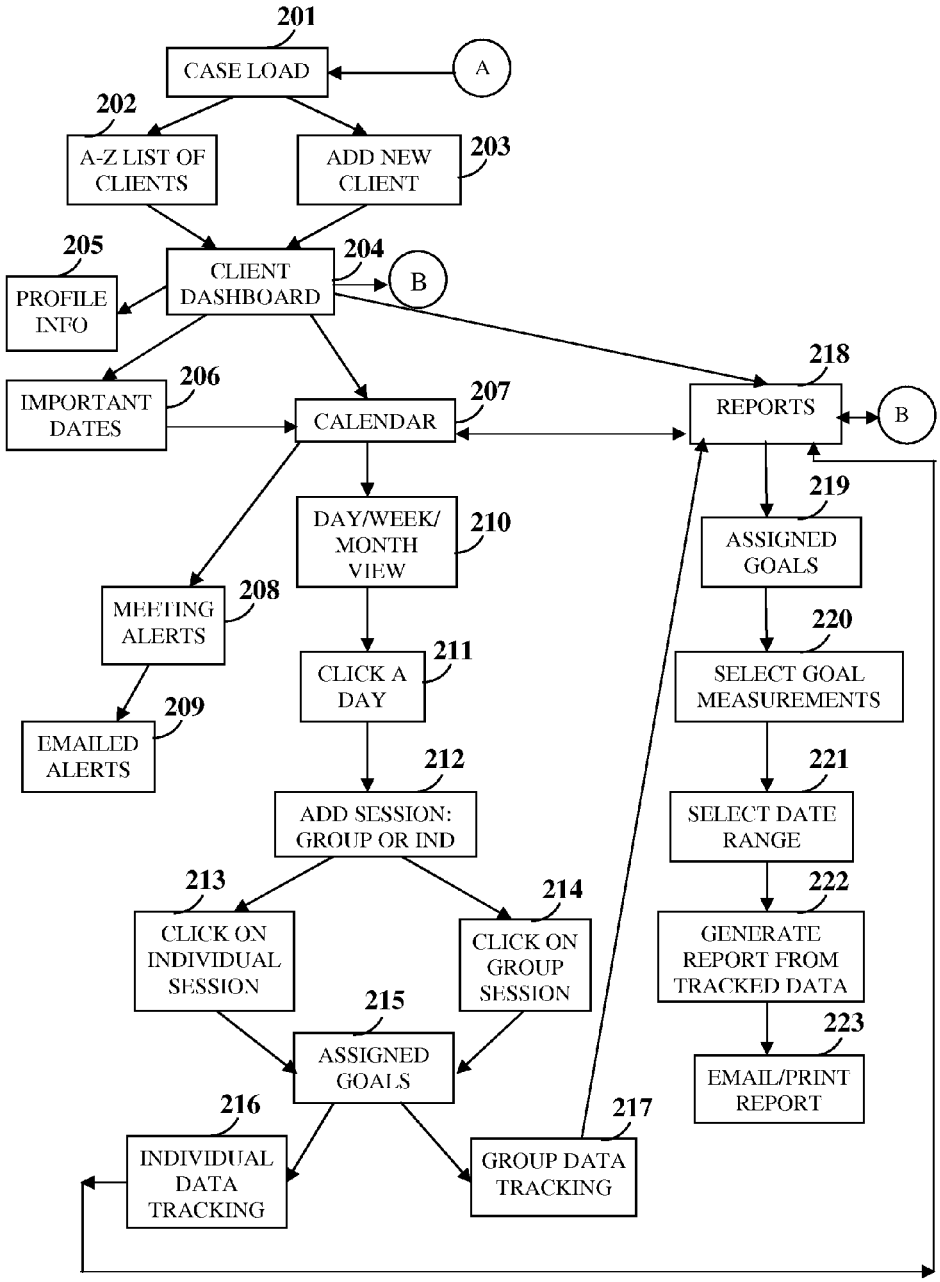

201
CASE LOAD
A
202
A-Z LIST OF CLIENTS
ADD NEW CLIENT
203
205
PROFILE INFO
204
CLIENT DASHBOARD
B
218
IMPORTANT DATES
206
CALENDAR
207
REPORTS
B
219
DAY/WEEK/ MONTH VIEW
210
ASSIGNED GOALS
MEETING ALERTS
208
220
CLICK A DAY
211
SELECT GOAL MEASUREMENTS
EMAILED ALERTS
209
221
212
SELECT DATE RANGE
ADD SESSION: GROUP OR IND
213
214
222
CLICK ON INDIVIDUAL SESSION
CLICK ON GROUP SESSION
GENERATE REPORT FROM TRACKED DATA
215
223
ASSIGNED GOALS
EMAIL/PRINT REPORT
216
217
INDIVIDUAL DATA TRACKING
GROUP DATA TRACKING

FIG. 2A

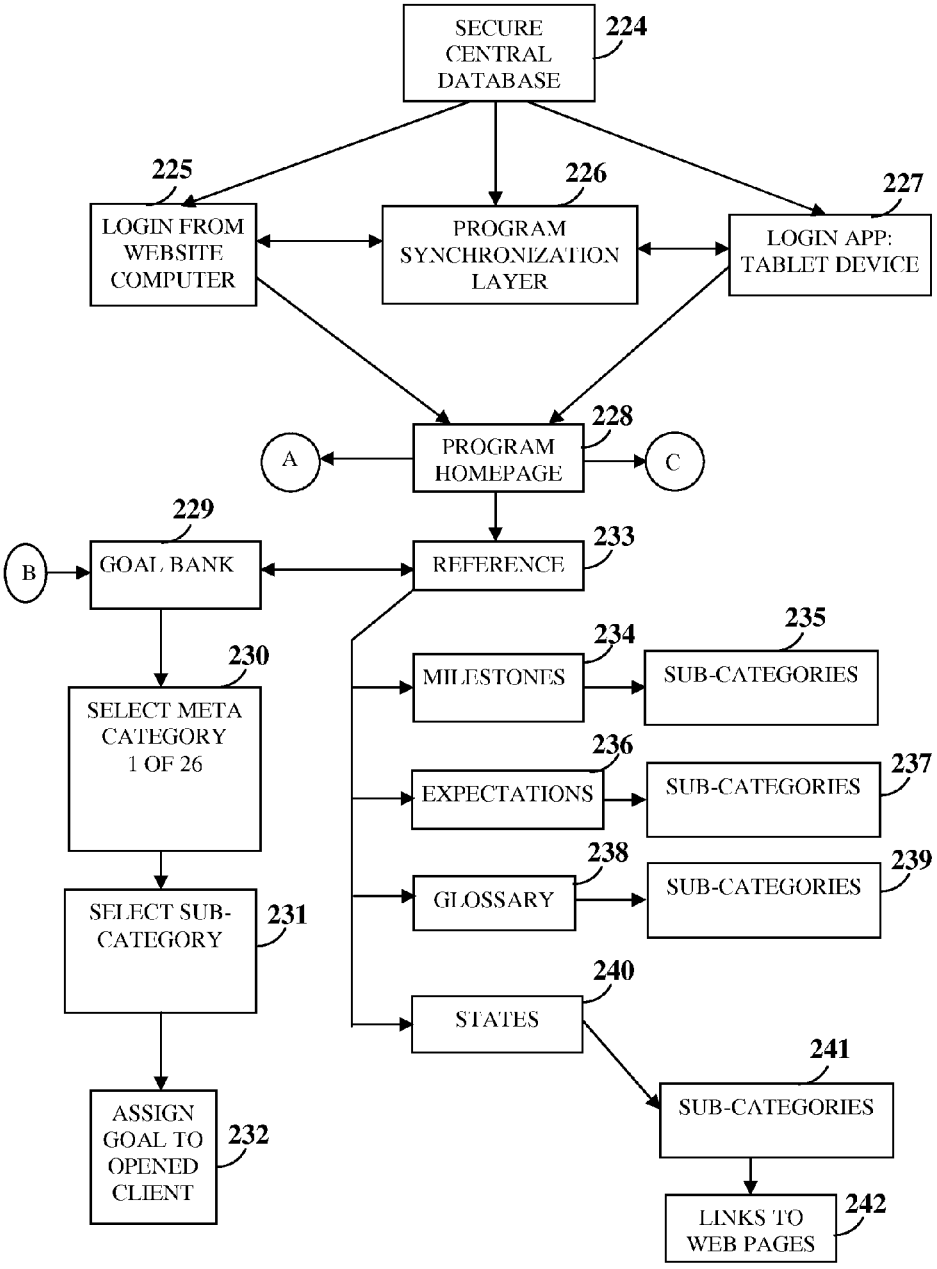

SECURE CENTRAL DATABASE
224
225
LOGIN FROM WEBSITE COMPUTER
226
PROGRAM SYNCHRONIZATION LAYER
227
LOGIN APP: TABLET DEVICE
228
PROGRAM HOMEPAGE
A
C
229
B
GOAL BANK
233
REFERENCE
230
SELECT META CATEGORY 1 OF 26
234
MILESTONES
235
SUB-CATEGORIES
236
EXPECTATIONS
237
SUB-CATEGORIES
238
GLOSSARY
239
SUB-CATEGORIES
231
SELECT SUB-CATEGORY
240
STATES
241
SUB-CATEGORIES
232
ASSIGN GOAL TO OPENED CLIENT
242
LINKS TO WEB PAGES

FIG. 2B

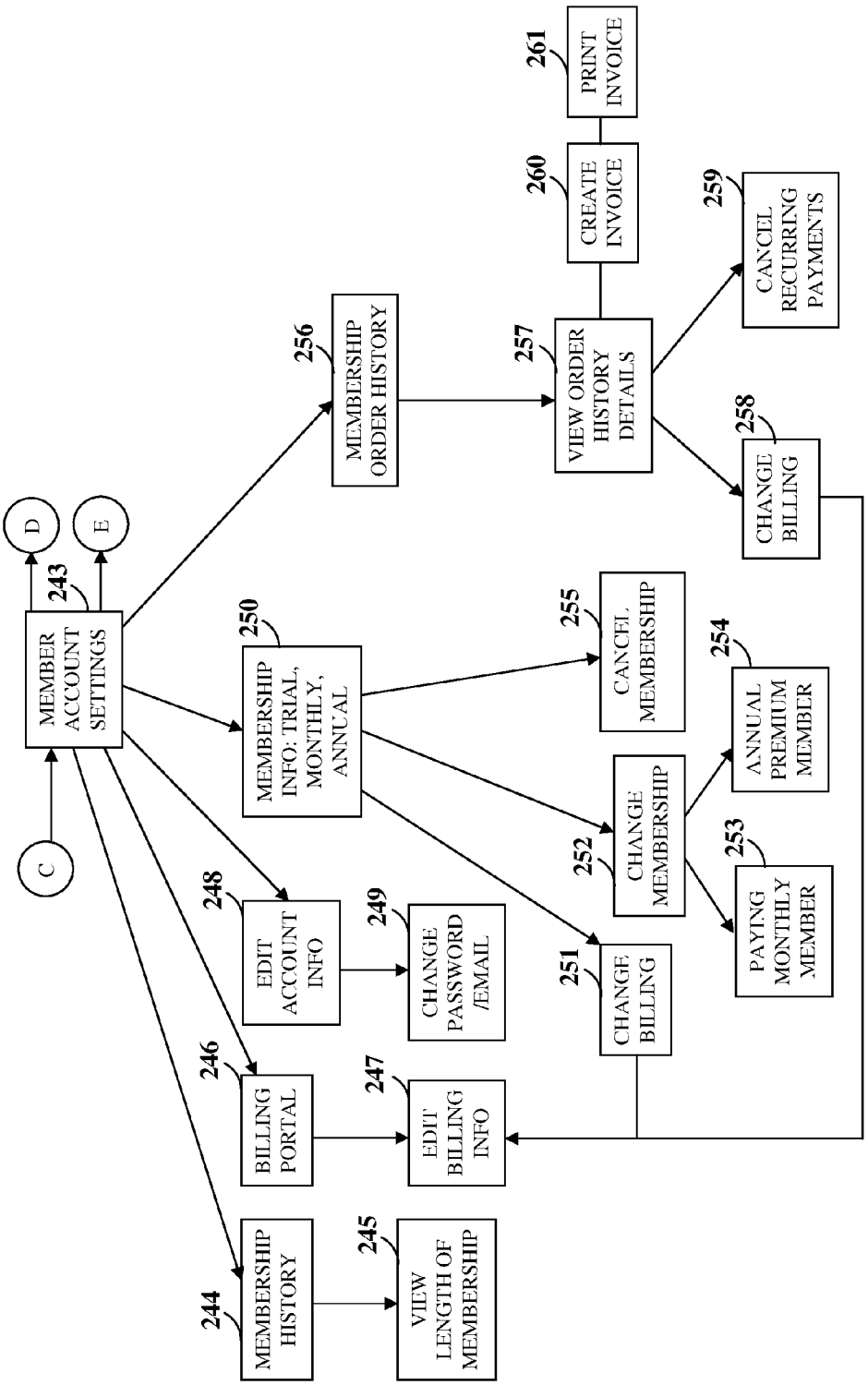

C
D
E
243
MEMBER ACCOUNT SETTINGS
244
MEMBERSHIP HISTORY
245
VIEW LENGTH OF MEMBERSHIP
246
BILLING PORTAL
247
EDIT BILLING INFO
248
EDIT ACCOUNT INFO
249
CHANGE PASSWORD /EMAIL
250
MEMBERSHIP INFO: TRIAL, MONTHLY, ANNUAL
251
CHANGE BILLING
252
CHANGE MEMBERSHIP
253
PAYING MONTHLY MEMBER
254
ANNUAL PREMIUM MEMBER
255
CANCEL MEMBERSHIP
256
MEMBERSHIP ORDER HISTORY
257
VIEW ORDER HISTORY DETAILS
258
CHANGE BILLING
259
CANCEL RECURRING PAYMENTS
260
CREATE INVOICE
261
PRINT INVOICE

FIG. 2C

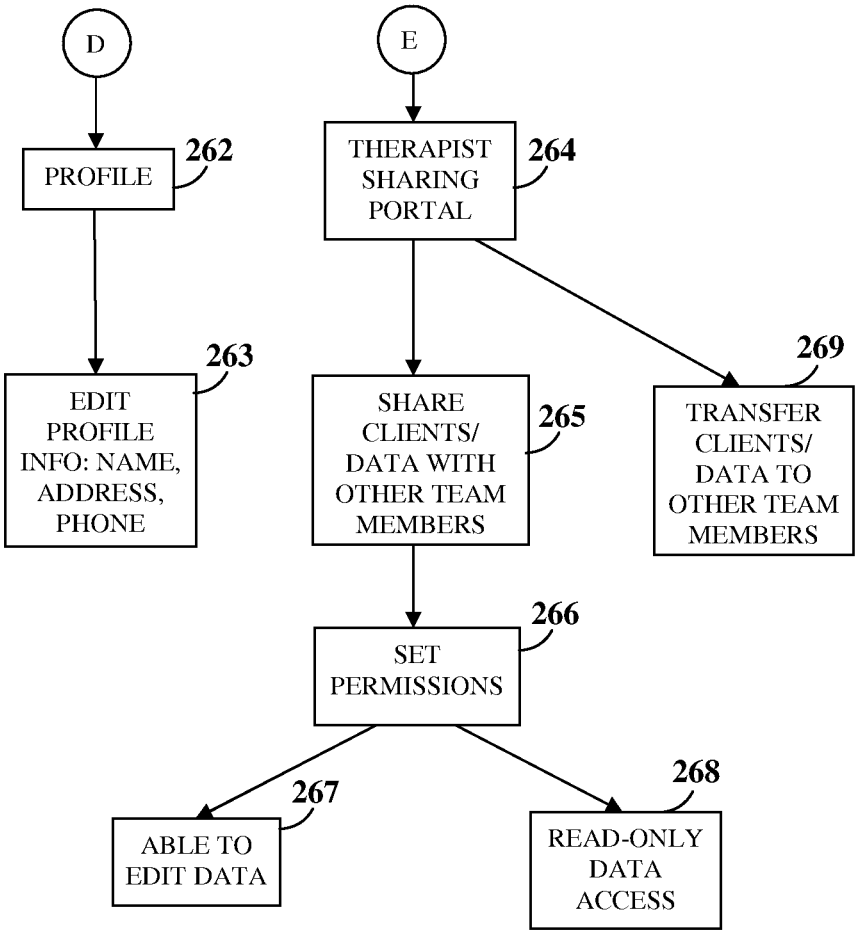

D
E
PROFILE
262
THERAPIST SHARING PORTAL
264
263
EDIT PROFILE INFO: NAME, ADDRESS, PHONE
SHARE CLIENTS/ DATA WITH OTHER TEAM MEMBERS
265
269
TRANSFER CLIENTS/ DATA TO OTHER TEAM MEMBERS
266
SET PERMISSIONS
267
268
ABLE TO EDIT DATA
READ-ONLY DATA ACCESS

FIG. 2D

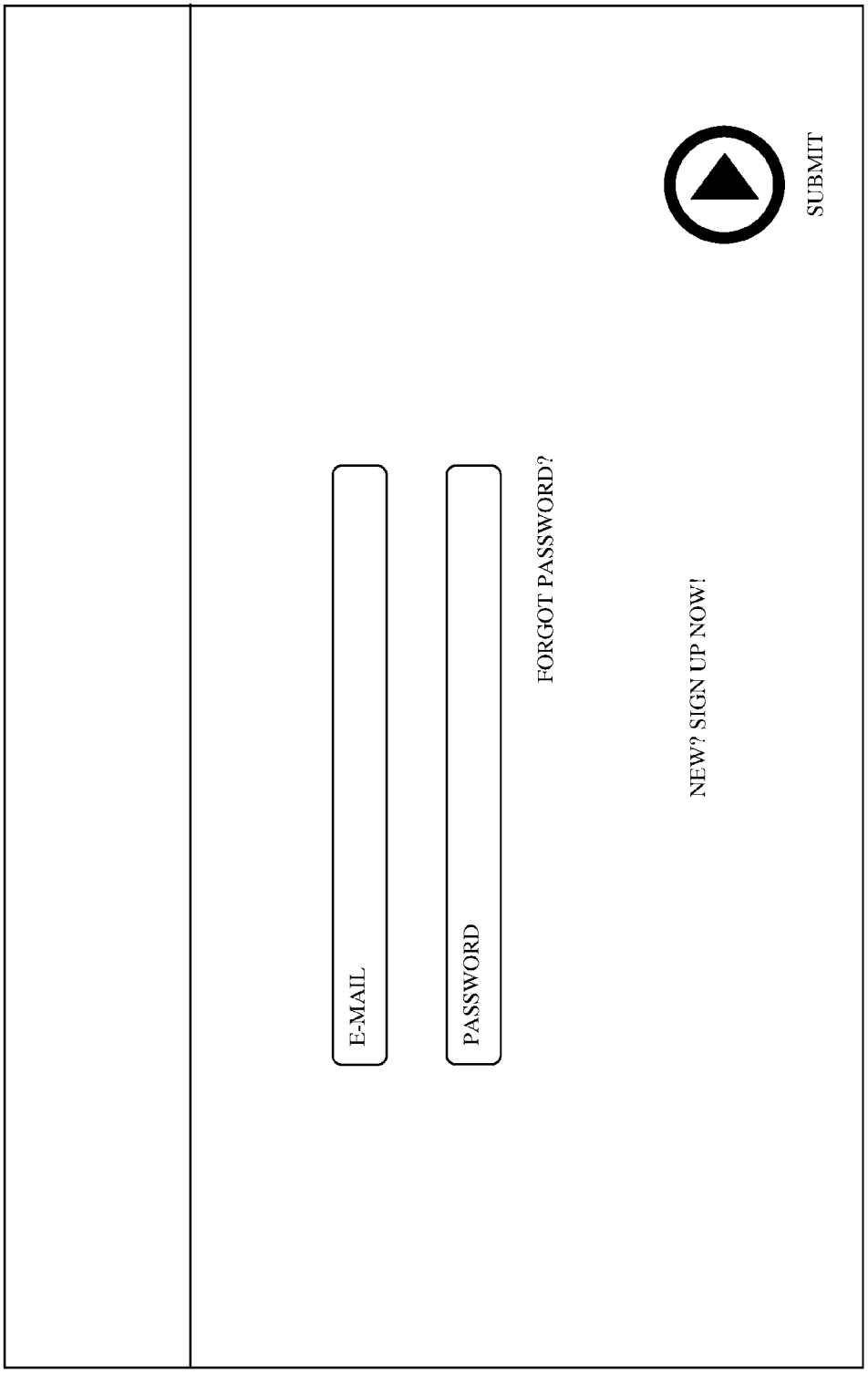


FIG. 3A

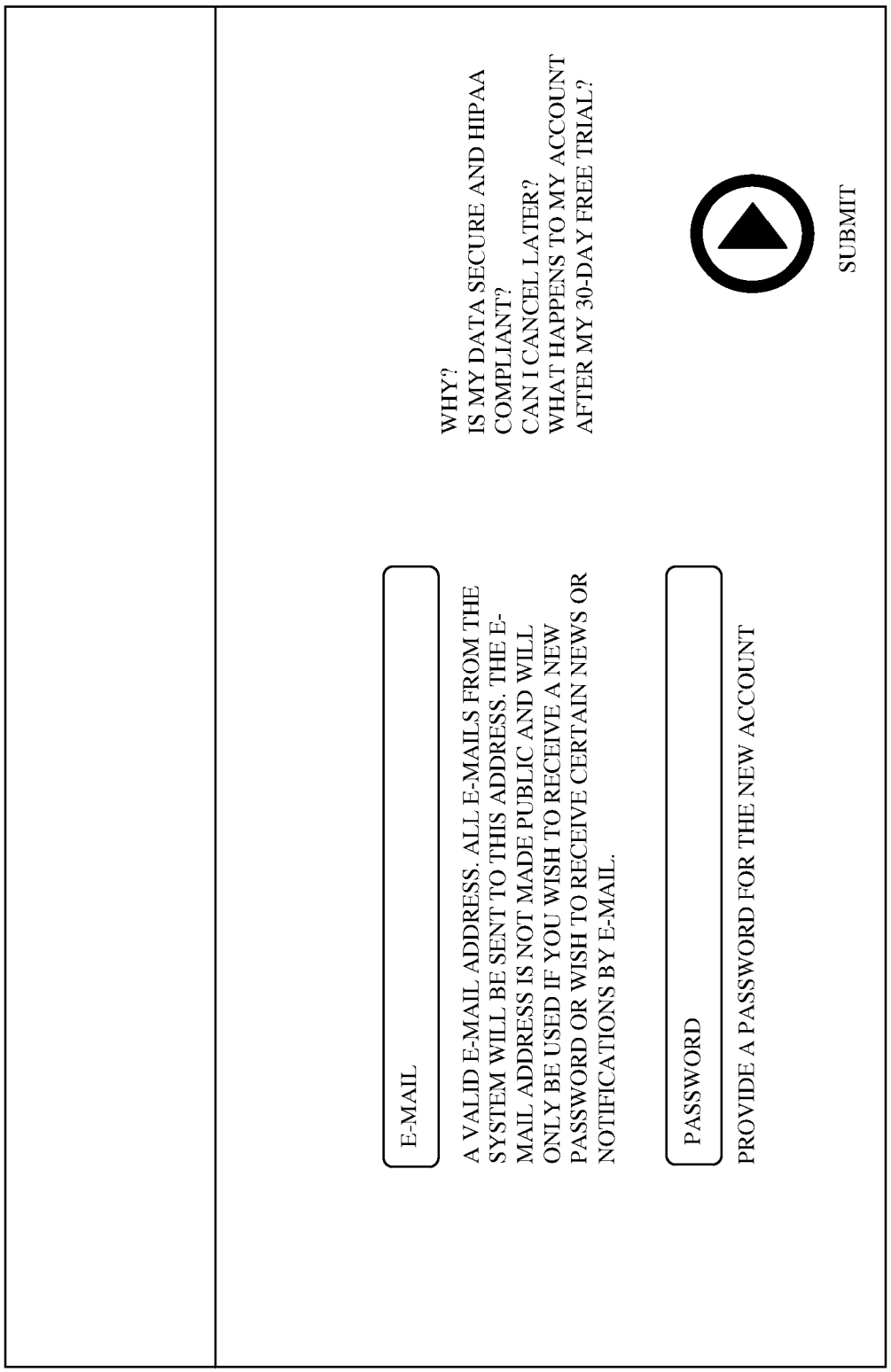

E-MAIL
A VALID E-MAIL ADDRESS. ALL E-MAILS FROM THE SYSTEM WILL BE SENT TO THIS ADDRESS. THE E-MAIL ADDRESS IS NOT MADE PUBLIC AND WILL ONLY BE USED IF YOU WISH TO RECEIVE A NEW PASSWORD OR WISH TO RECEIVE CERTAIN NEWS OR NOTIFICATIONS BY E-MAIL.
PASSWORD
PROVIDE A PASSWORD FOR THE NEW ACCOUNT
WHY?
IS MY DATA SECURE AND HIPAA COMPLIANT?
CAN I CANCEL LATER?
WHAT HAPPENS TO MY ACCOUNT AFTER MY 30-DAY FREE TRIAL?
SUBMIT

FIG. 3B

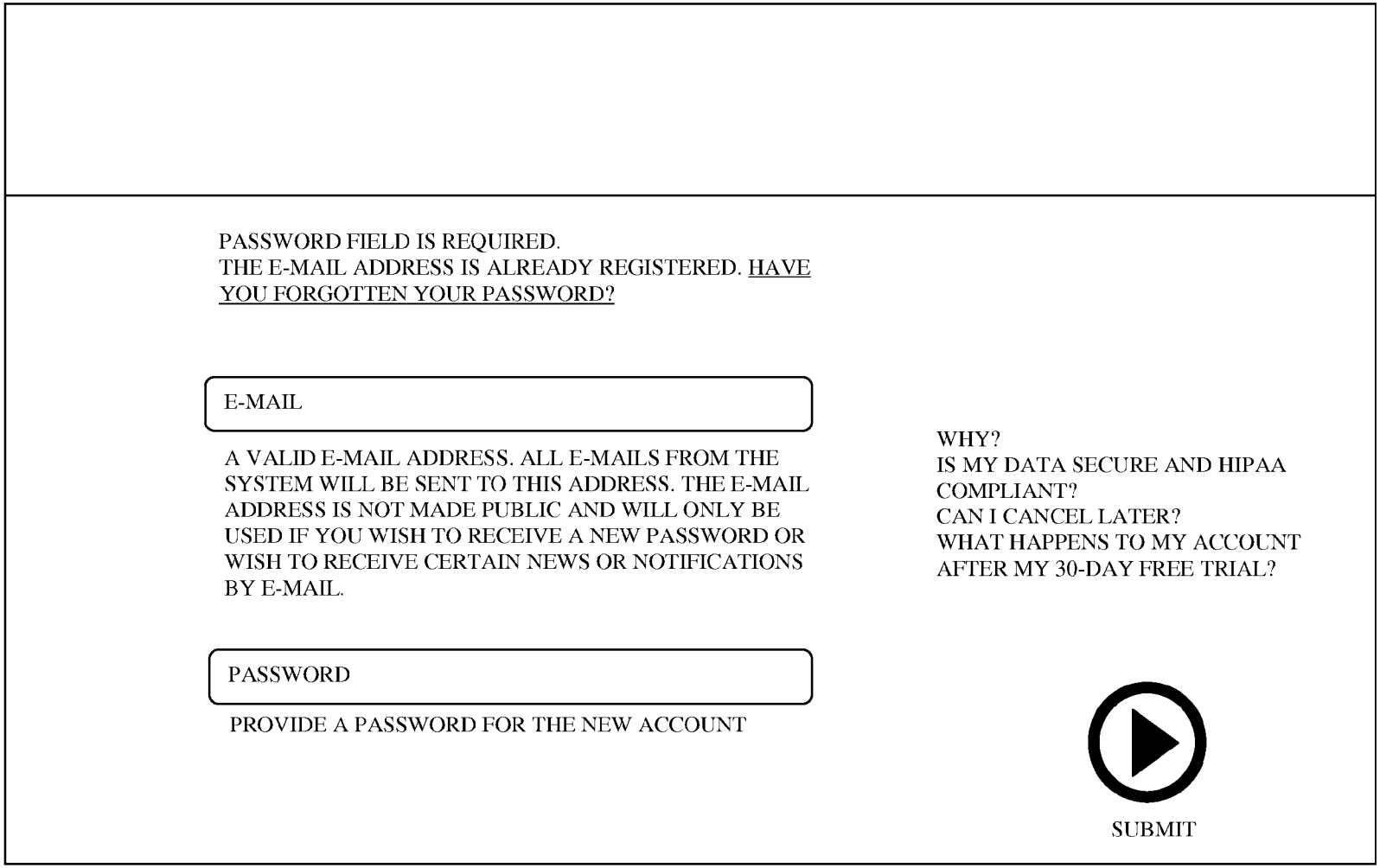

PASSWORD FIELD IS REQUIRED.
THE E-MAIL ADDRESS IS ALREADY REGISTERED. HAVE YOU FORGOTTEN YOUR PASSWORD?
E-MAIL
A VALID E-MAIL ADDRESS. ALL E-MAILS FROM THE SYSTEM WILL BE SENT TO THIS ADDRESS. THE E-MAIL ADDRESS IS NOT MADE PUBLIC AND WILL ONLY BE USED IF YOU WISH TO RECEIVE A NEW PASSWORD OR WISH TO RECEIVE CERTAIN NEWS OR NOTIFICATIONS BY E-MAIL.
PASSWORD
PROVIDE A PASSWORD FOR THE NEW ACCOUNT
WHY?
IS MY DATA SECURE AND HIPAA COMPLIANT?
CAN I CANCEL LATER?
WHAT HAPPENS TO MY ACCOUNT AFTER MY 30-DAY FREE TRIAL?
SUBMIT

FIG. 3C

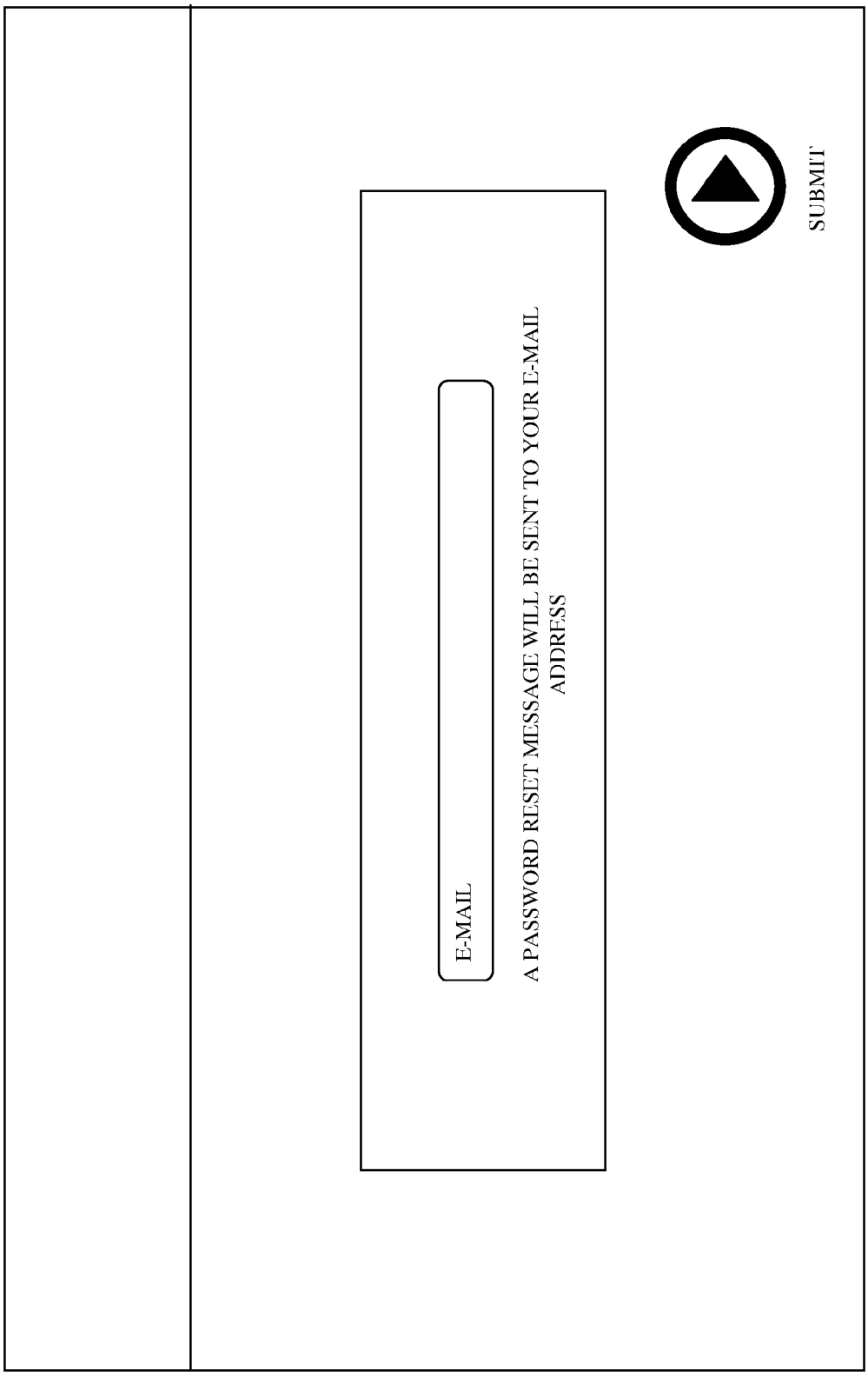

SUBMIT
A PASSWORD RESET MESSAGE WILL BE SENT TO YOUR E-MAIL ADDRESS
E-MAIL

FIG. 3D

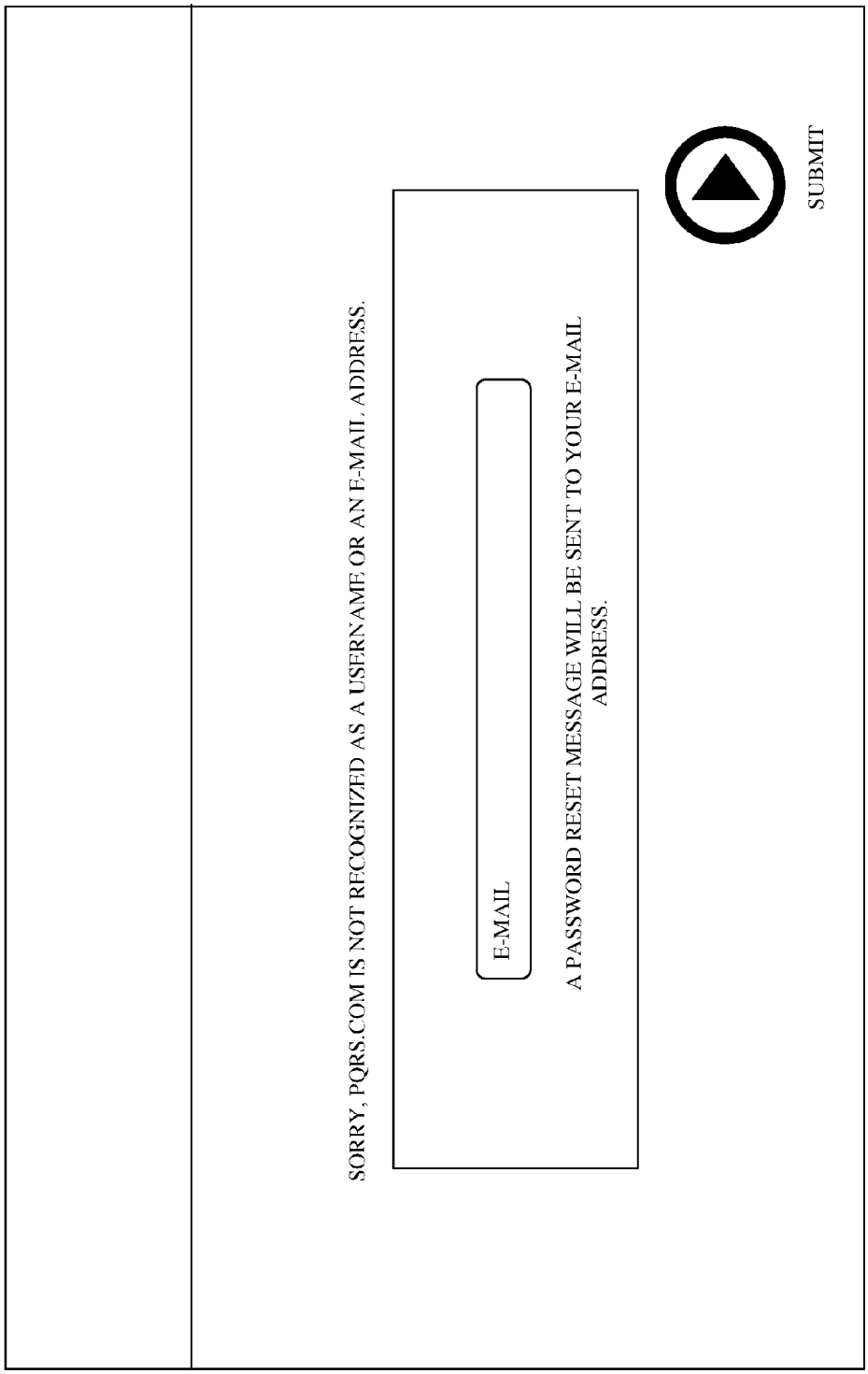

SORRY, PQRS.COM IS NOT RECOGNIZED AS A USERNAME OR AN E-MAIL ADDRESS.
E-MAIL
A PASSWORD RESET MESSAGE WILL BE SENT TO YOUR E-MAIL ADDRESS.
SUBMIT

FIG. 3E

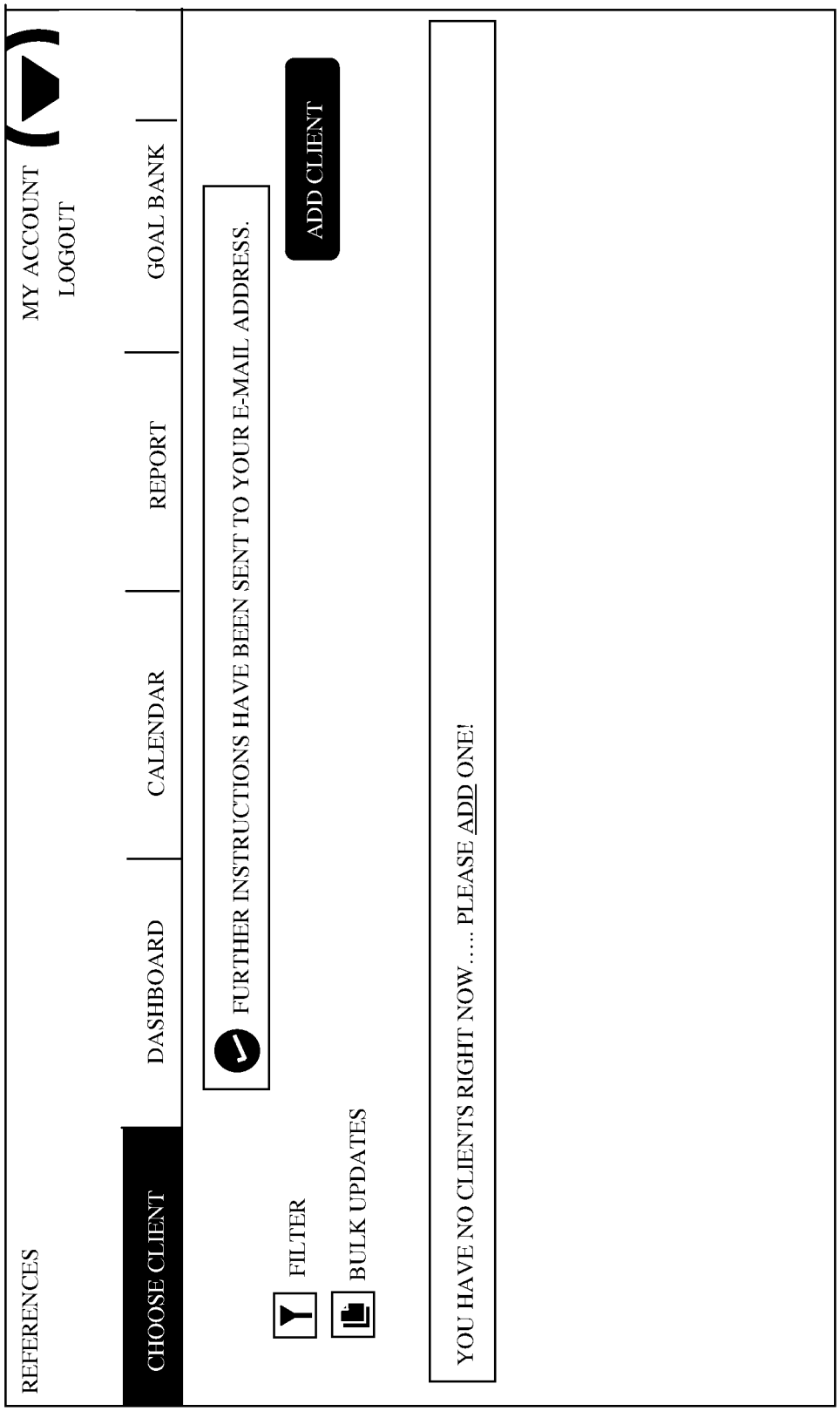

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
FURTHER INSTRUCTIONS HAVE BEEN SENT TO YOUR E-MAIL ADDRESS.
ADD CLIENT
FILTER
BULK UPDATES
YOU HAVE NO CLIENTS RIGHT NOW..... PLEASE ADD ONE!

FIG. 4A

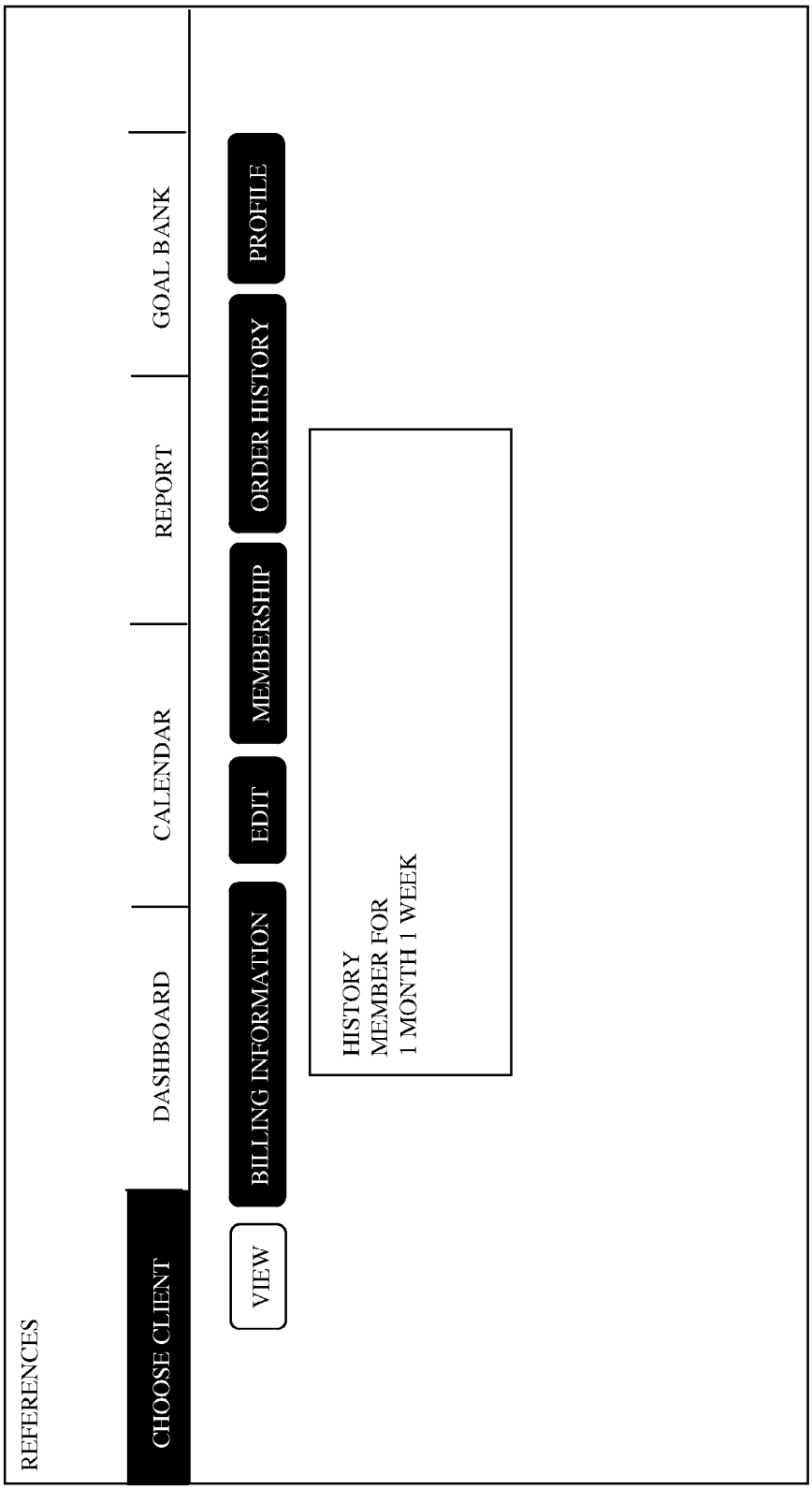

REFERENCES
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
VIEW
BILLING INFORMATION
EDIT
MEMBERSHIP
ORDER HISTORY
PROFILE
HISTORY
MEMBER FOR
1 MONTH 1 WEEK

FIG. 4B

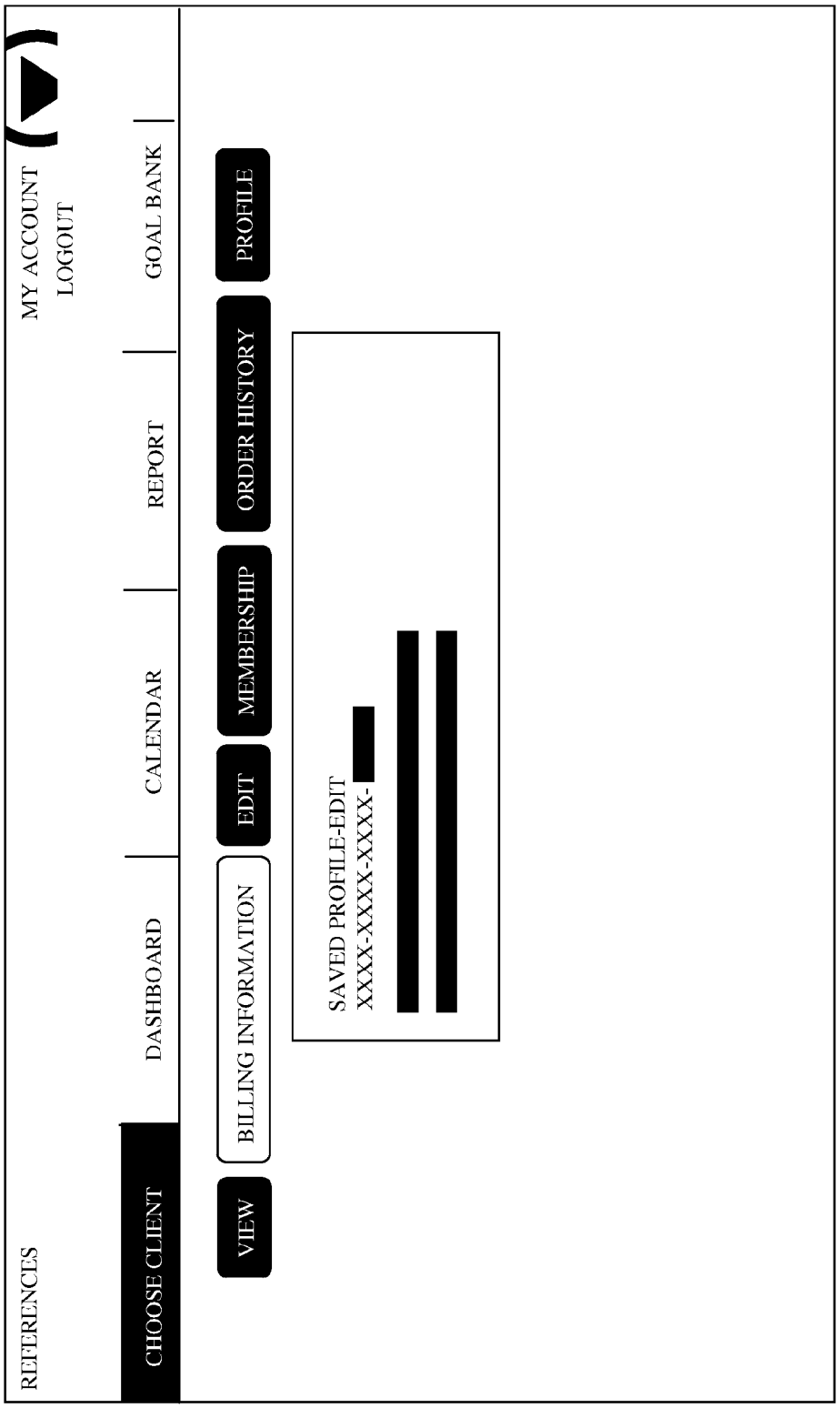

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
VIEW
BILLING INFORMATION
EDIT
MEMBERSHIP
ORDER HISTORY
PROFILE
SAVED PROFILE-EDIT
XXXX-XXXX-XXXX-

FIG. 4C

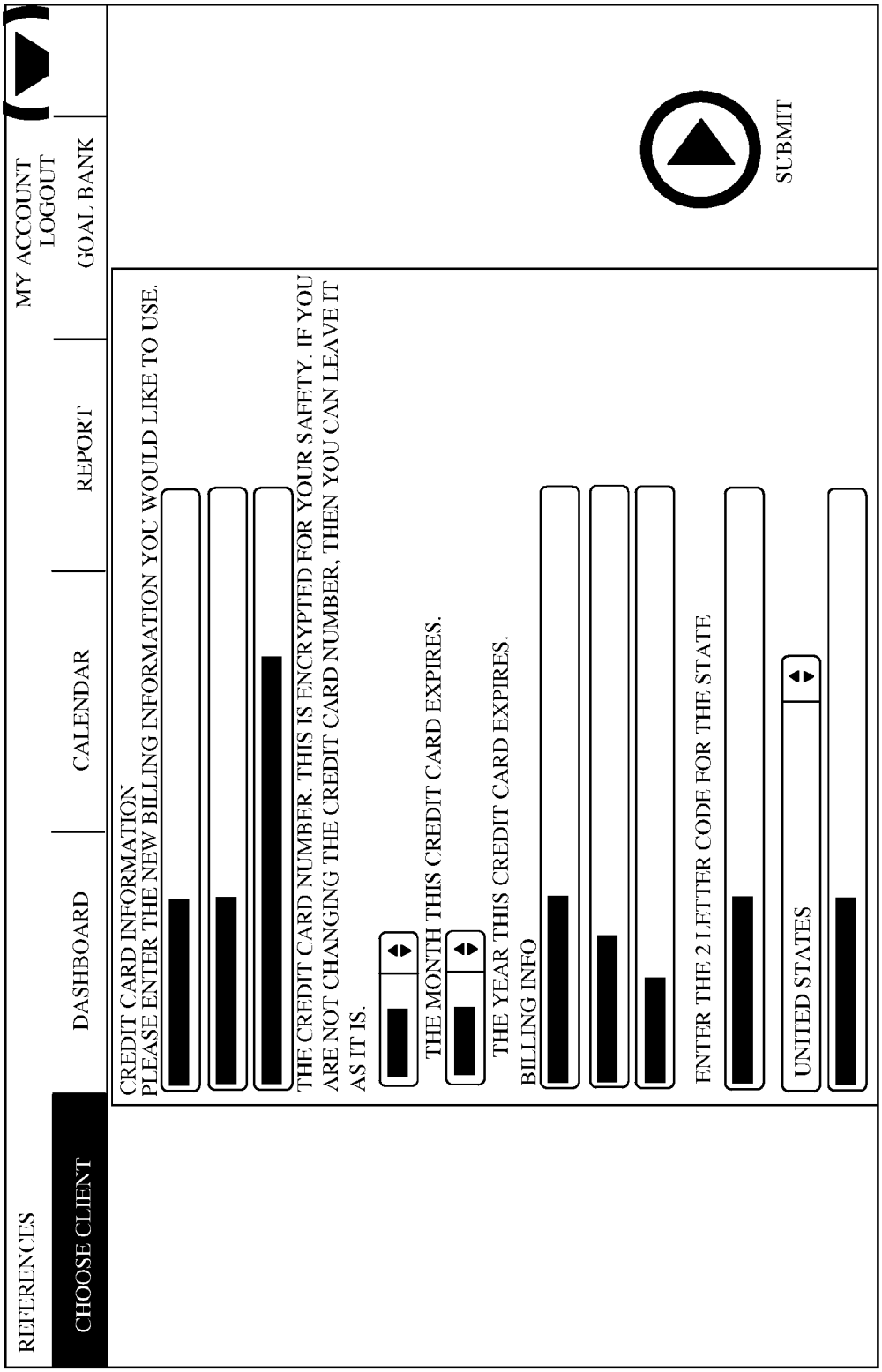

REFERENCES
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
MY ACCOUNT
LOGOUT
GOAL BANK
CREDIT CARD INFORMATION
PLEASE ENTER THE NEW BILLING INFORMATION YOU WOULD LIKE TO USE.
THE CREDIT CARD NUMBER. THIS IS ENCRYPTED FOR YOUR SAFETY. IF YOU ARE NOT CHANGING THE CREDIT CARD NUMBER, THEN YOU CAN LEAVE IT AS IT IS.
THE MONTH THIS CREDIT CARD EXPIRES.
THE YEAR THIS CREDIT CARD EXPIRES.
BILLING INFO
ENTER THE 2 LETTER CODE FOR THE STATE
UNITED STATES
SUBMIT

FIG. 4D

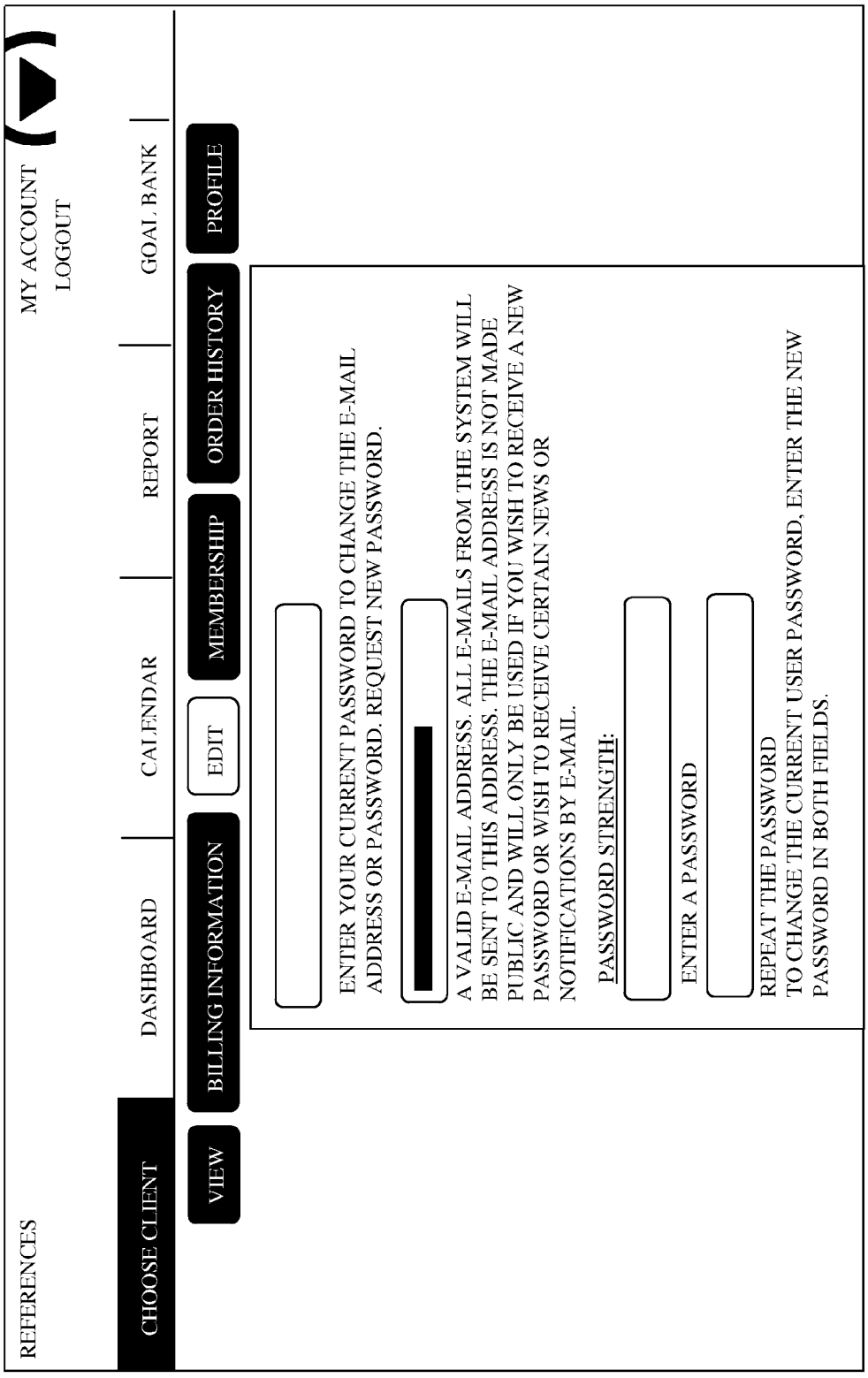

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
VIEW
BILLING INFORMATION
EDIT
MEMBERSHIP
ORDER HISTORY
PROFILE
ENTER YOUR CURRENT PASSWORD TO CHANGE THE E-MAIL ADDRESS OR PASSWORD. REQUEST NEW PASSWORD.
A VALID E-MAIL ADDRESS. ALL E-MAILS FROM THE SYSTEM WILL BE SENT TO THIS ADDRESS. THE E-MAIL ADDRESS IS NOT MADE PUBLIC AND WILL ONLY BE USED IF YOU WISH TO RECEIVE A NEW PASSWORD OR WISH TO RECEIVE CERTAIN NEWS OR NOTIFICATIONS BY E-MAIL.
PASSWORD STRENGTH:
ENTER A PASSWORD
REPEAT THE PASSWORD
TO CHANGE THE CURRENT USER PASSWORD, ENTER THE NEW PASSWORD IN BOTH FIELDS.

FIG. 4E

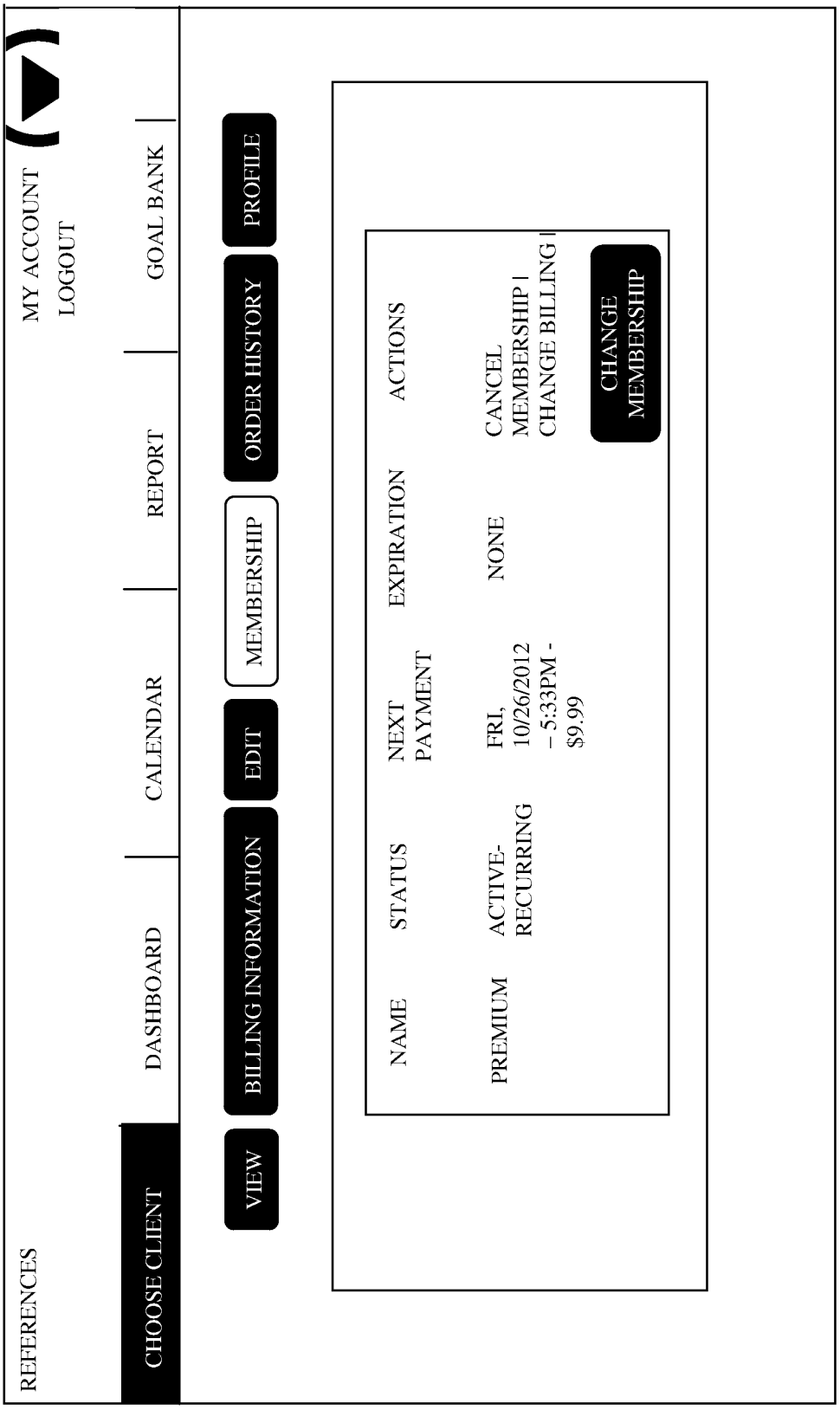

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
VIEW
BILLING INFORMATION
EDIT
MEMBERSHIP
ORDER HISTORY
PROFILE
NAME
STATUS
NEXT PAYMENT
EXPIRATION
ACTIONS
PREMIUM
ACTIVE-RECURRING
FRI, 10/26/2012 – 5:33PM - $9.99
NONE
CANCEL MEMBERSHIP | CHANGE BILLING |
CHANGE MEMBERSHIP

FIG. 4F

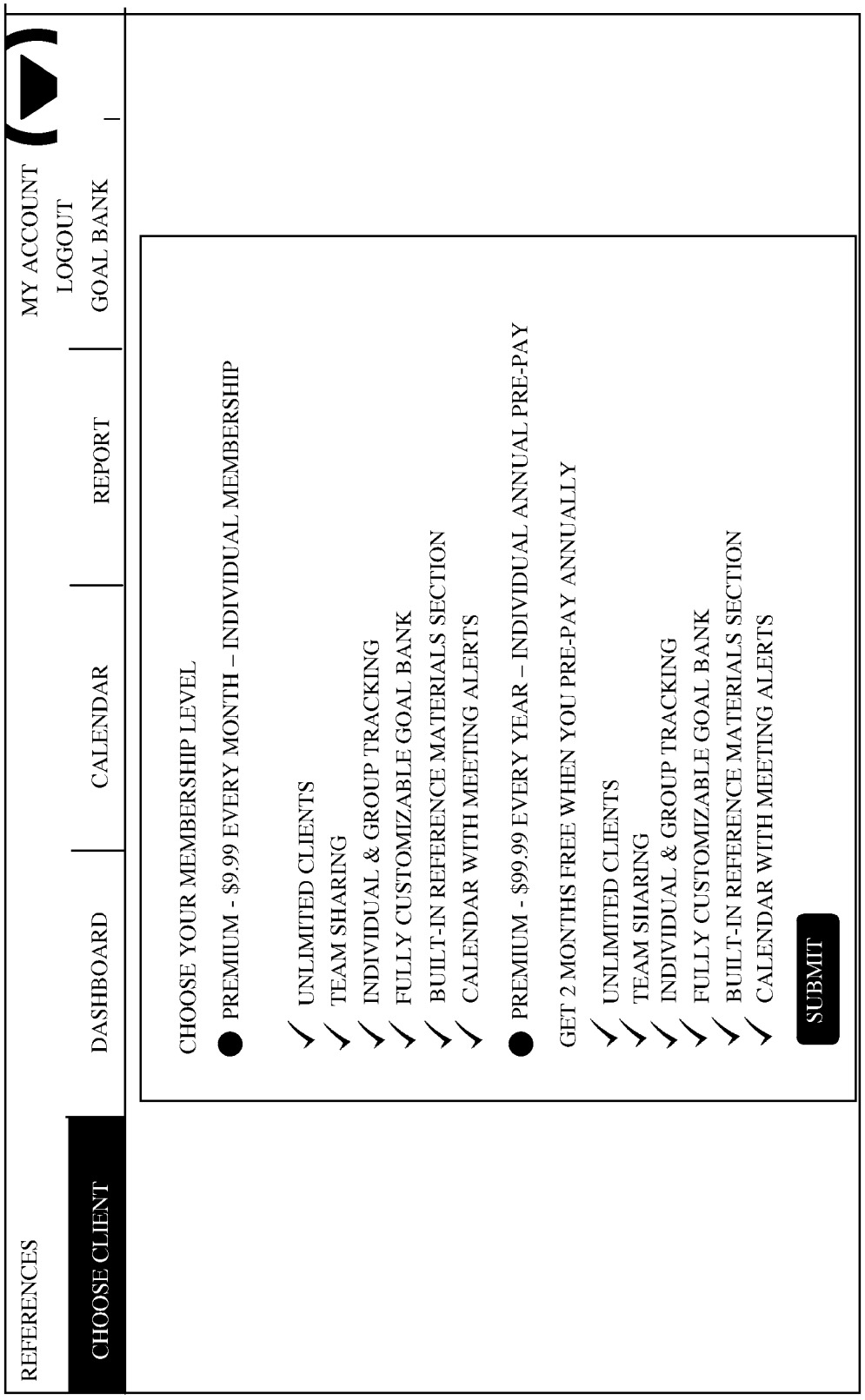

REFERENCES
MY ACCOUNT
LOGOUT
GOAL BANK
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
CHOOSE YOUR MEMBERSHIP LEVEL
PREMIUM - $9.99 EVERY MONTH – INDIVIDUAL MEMBERSHIP
UNLIMITED CLIENTS
TEAM SHARING
INDIVIDUAL & GROUP TRACKING
FULLY CUSTOMIZABLE GOAL BANK
BUILT-IN REFERENCE MATERIALS SECTION
CALENDAR WITH MEETING ALERTS
PREMIUM - $99.99 EVERY YEAR – INDIVIDUAL ANNUAL PRE-PAY
GET 2 MONTHS FREE WHEN YOU PRE-PAY ANNUALLY
UNLIMITED CLIENTS
TEAM SHARING
INDIVIDUAL & GROUP TRACKING
FULLY CUSTOMIZABLE GOAL BANK
BUILT-IN REFERENCE MATERIALS SECTION
CALENDAR WITH MEETING ALERTS
SUBMIT

FIG. 4G

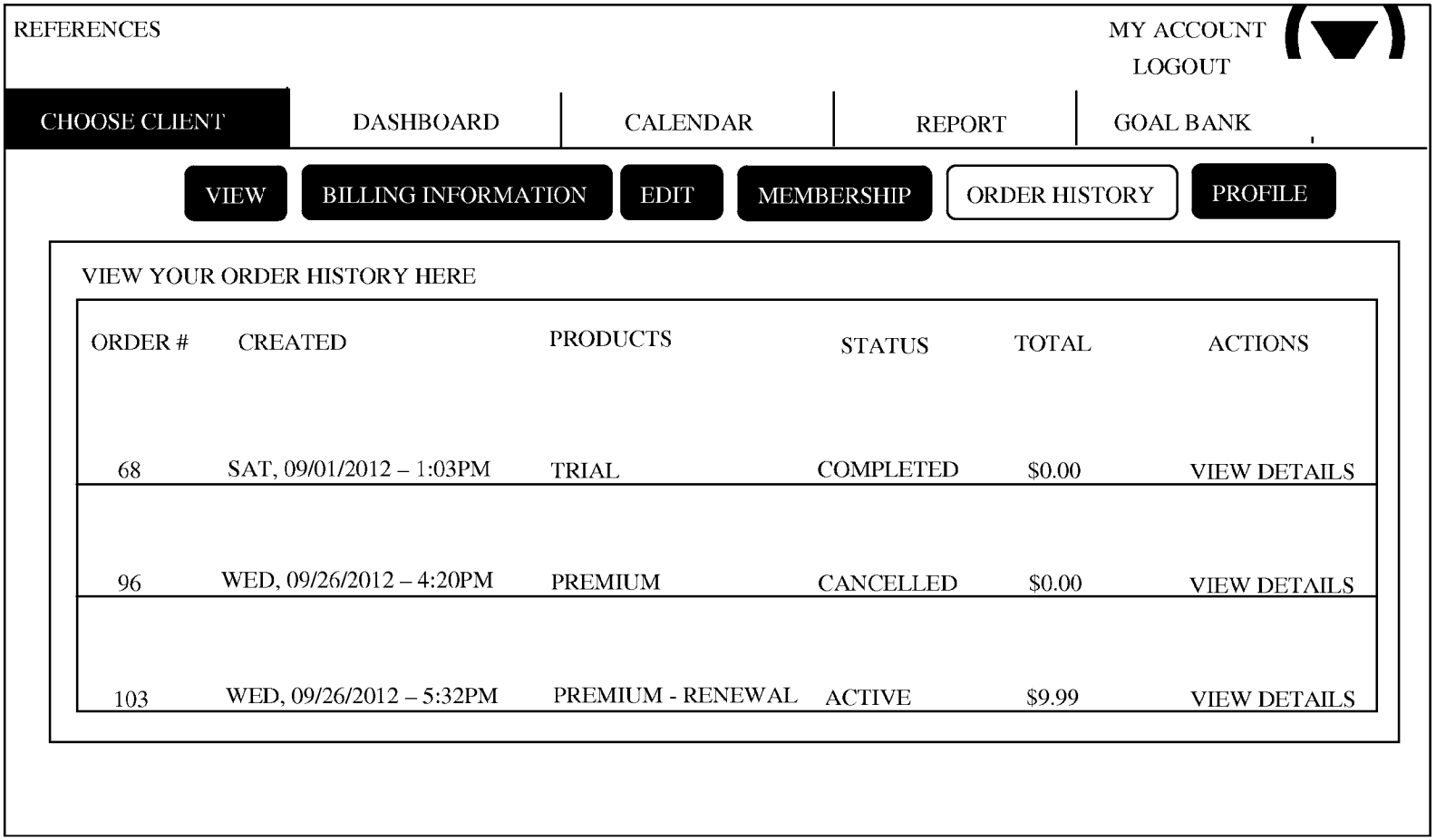

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
VIEW
BILLING INFORMATION
EDIT
MEMBERSHIP
ORDER HISTORY
PROFILE
VIEW YOUR ORDER HISTORY HERE
ORDER # CREATED PRODUCTS STATUS TOTAL ACTIONS
68 SAT, 09/01/2012 – 1:03PM TRIAL COMPLETED $0.00 VIEW DETAILS
96 WED, 09/26/2012 – 4:20PM PREMIUM CANCELLED $0.00 VIEW DETAILS
103 WED, 09/26/2012 – 5:32PM PREMIUM - RENEWAL ACTIVE $9.99 VIEW DETAILS

FIG. 4H

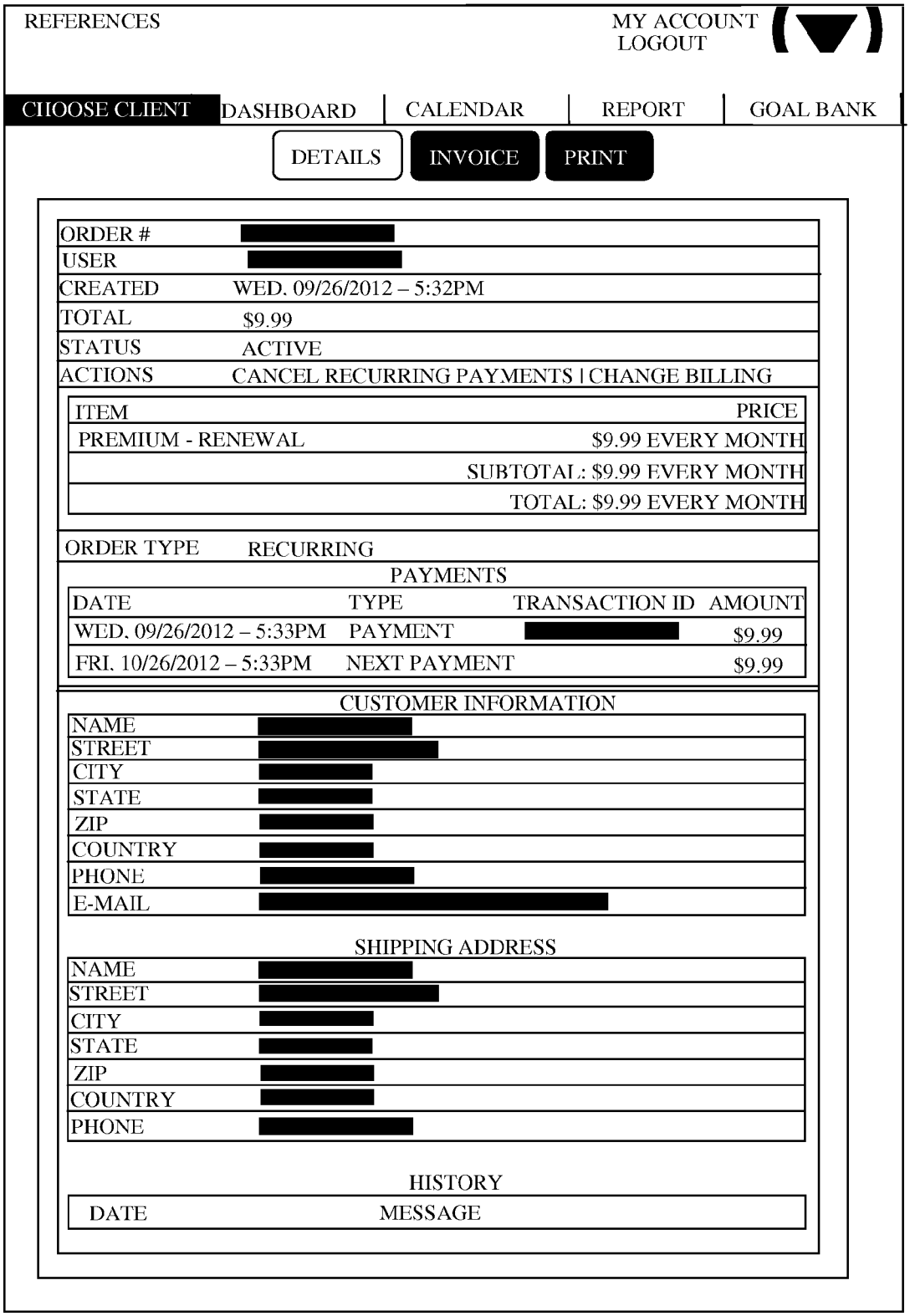

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
DETAILS
INVOICE
PRINT
ORDER #
USER
CREATED WED. 09/26/2012 – 5:32PM
TOTAL $9.99
STATUS ACTIVE
ACTIONS CANCEL RECURRING PAYMENTS | CHANGE BILLING
ITEM PRICE
PREMIUM - RENEWAL $9.99 EVERY MONTH
SUBTOTAL: $9.99 EVERY MONTH
TOTAL: $9.99 EVERY MONTH
ORDER TYPE RECURRING
PAYMENTS
DATE TYPE TRANSACTION ID AMOUNT
WED. 09/26/2012 – 5:33PM PAYMENT $9.99
FRI. 10/26/2012 – 5:33PM NEXT PAYMENT $9.99
CUSTOMER INFORMATION
NAME
STREET
CITY
STATE
ZIP
COUNTRY
PHONE
E-MAIL
SHIPPING ADDRESS
NAME
STREET
CITY
STATE
ZIP
COUNTRY
PHONE
HISTORY
DATE MESSAGE

FIG. 4I

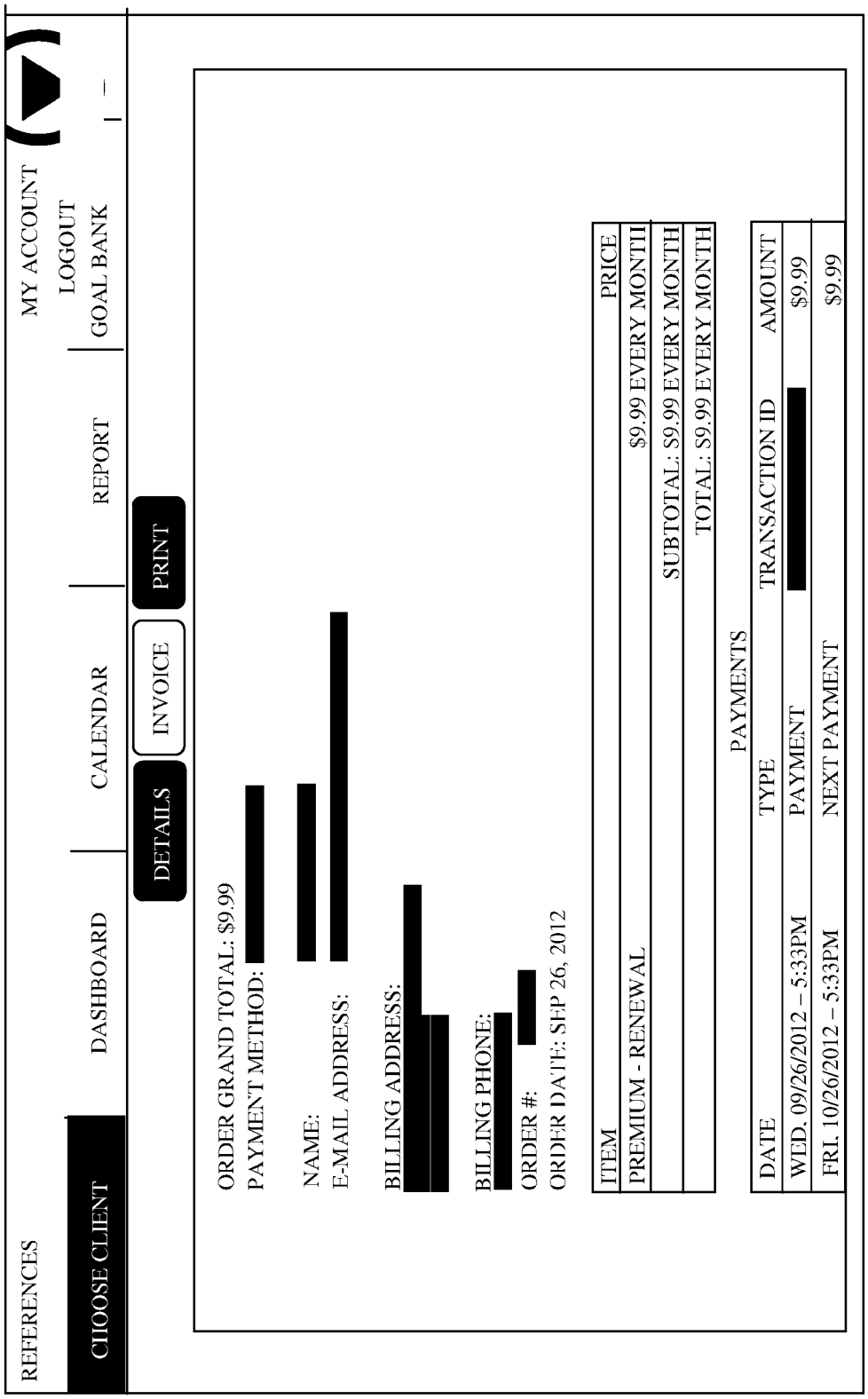

REFERENCES
MY ACCOUNT
LOGOUT
GOAL BANK
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
DETAILS
INVOICE
PRINT
ORDER GRAND TOTAL: $9.99
PAYMENT METHOD:
NAME:
E-MAIL ADDRESS:
BILLING ADDRESS:
BILLING PHONE:
ORDER #:
ORDER DATE: SEP 26, 2012
ITEM
PRICE
PREMIUM - RENEWAL
$9.99 EVERY MONTH
SUBTOTAL: $9.99 EVERY MONTH
TOTAL: $9.99 EVERY MONTH
PAYMENTS
DATE
TYPE
TRANSACTION ID
AMOUNT
WED, 09/26/2012 – 5:33PM
PAYMENT
$9.99
FRI, 10/26/2012 – 5:33PM
NEXT PAYMENT
$9.99

FIG. 4J

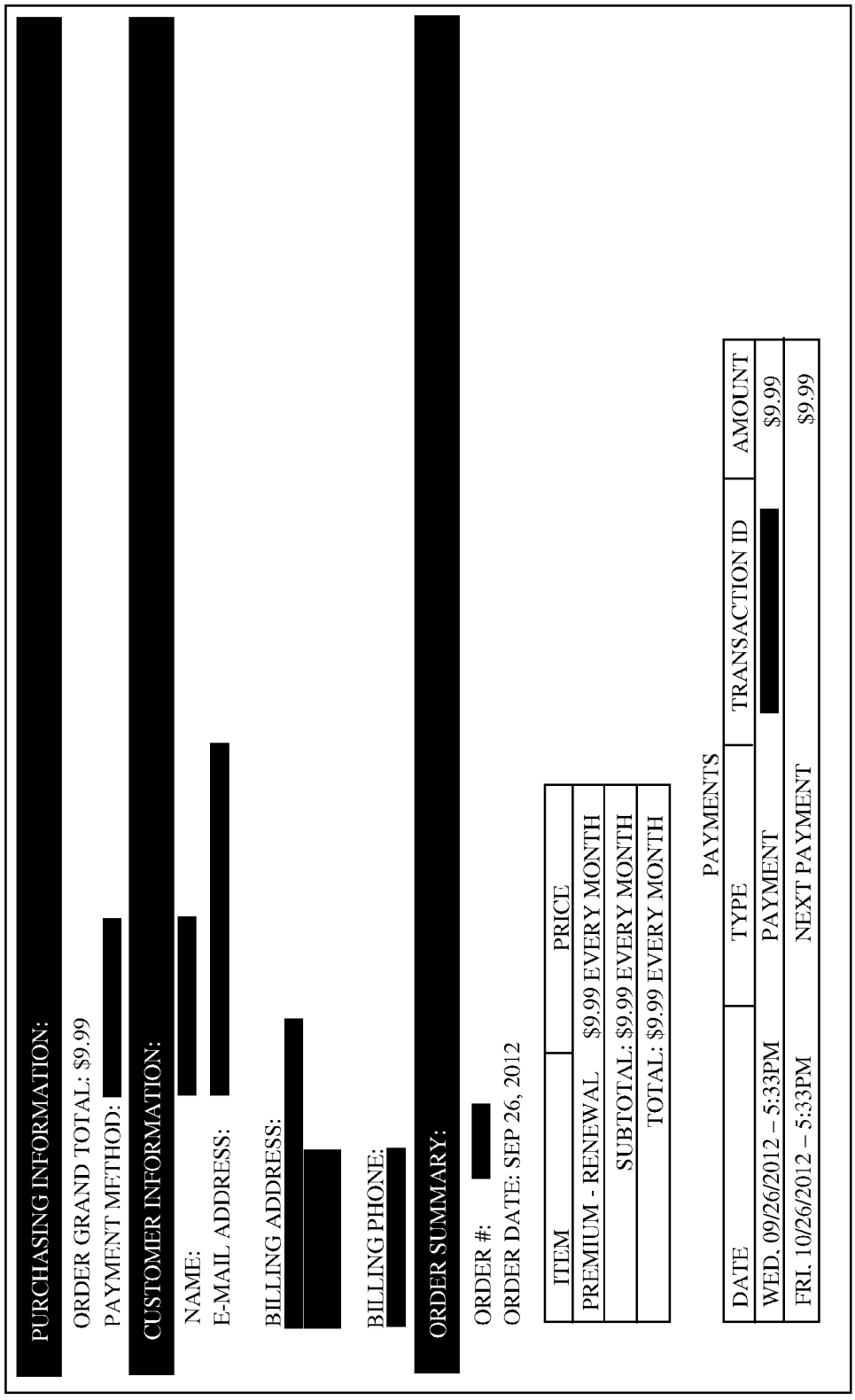

PURCHASING INFORMATION:
ORDER GRAND TOTAL: $9.99
PAYMENT METHOD:
CUSTOMER INFORMATION:
NAME:
E-MAIL ADDRESS:
BILLING ADDRESS:
BILLING PHONE:
ORDER SUMMARY:
ORDER #:
ORDER DATE: SEP 26, 2012
ITEM
PRICE
PREMIUM - RENEWAL
$9.99 EVERY MONTH
SUBTOTAL: $9.99 EVERY MONTH
TOTAL: $9.99 EVERY MONTH
PAYMENTS
DATE
TYPE
TRANSACTION ID
AMOUNT
WED. 09/26/2012 – 5:33PM
PAYMENT
$9.99
FRI. 10/26/2012 – 5:33PM
NEXT PAYMENT
$9.99

FIG. 4K

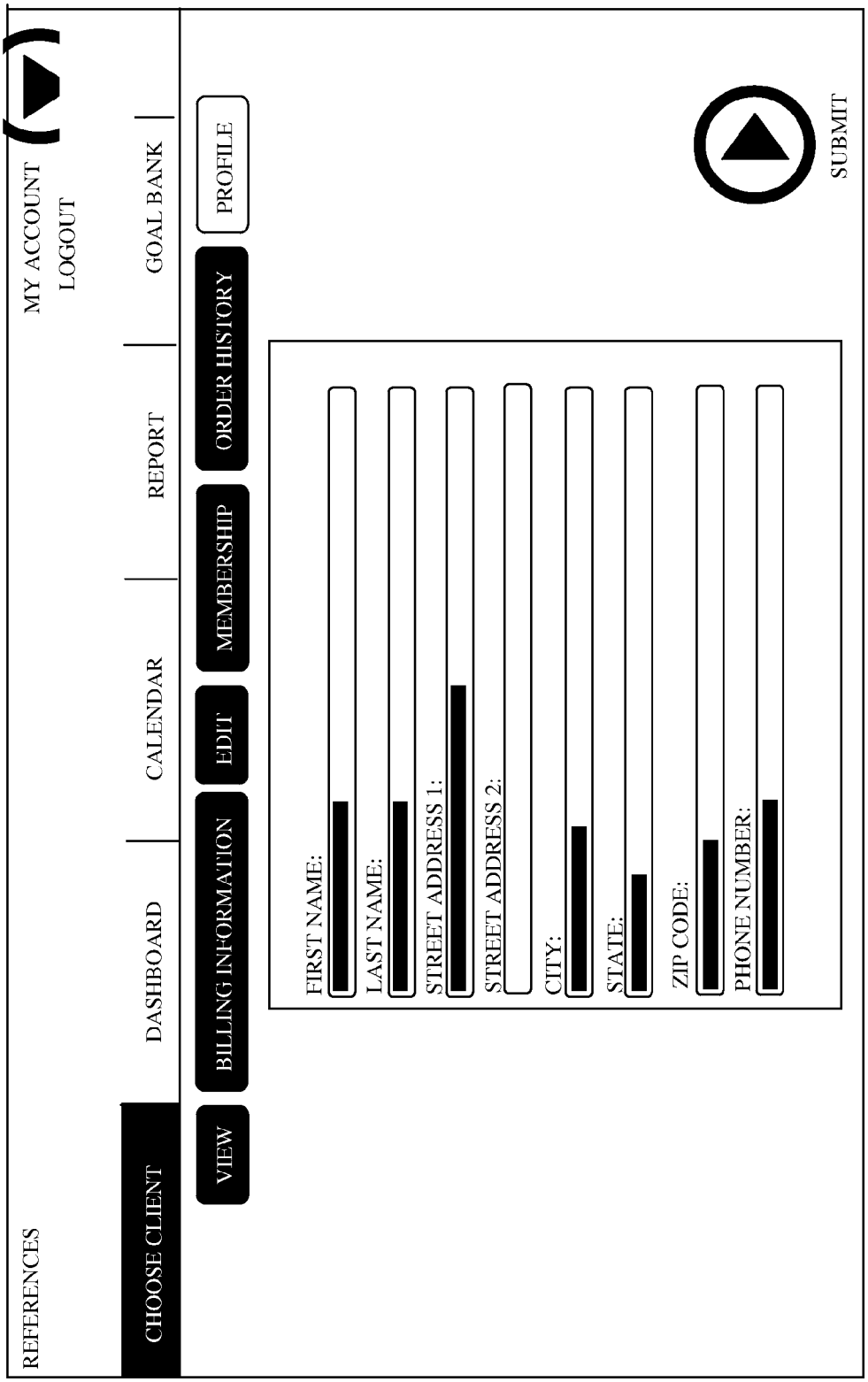
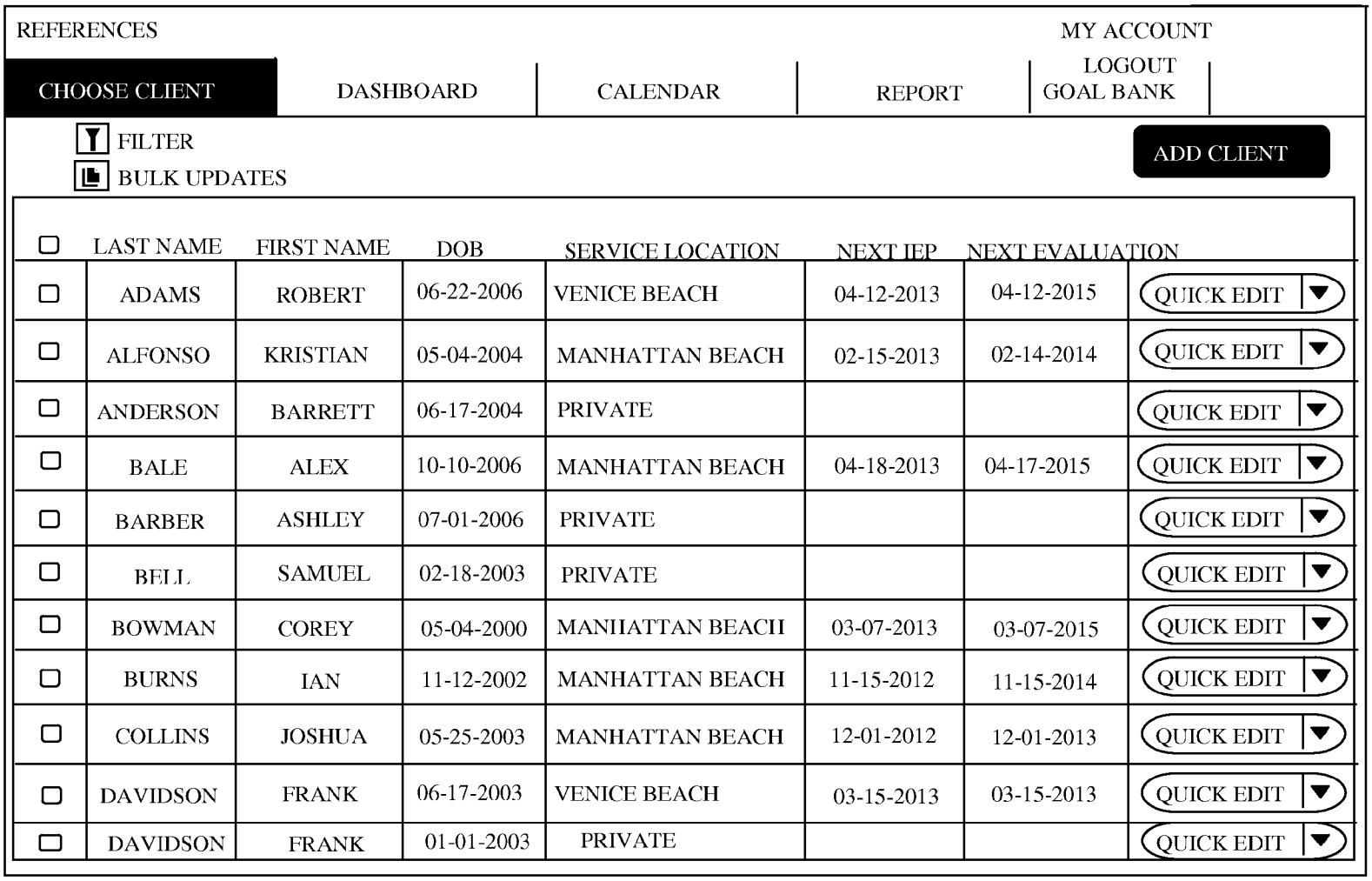

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
VIEW
BILLING INFORMATION
EDIT
MEMBERSHIP
ORDER HISTORY
PROFILE
FIRST NAME:
LAST NAME:
STREET ADDRESS 1:
STREET ADDRESS 2:
CITY:
STATE:
ZIP CODE:
PHONE NUMBER:
SUBMIT

FIG. 4L


REFERENCES
MY ACCOUNT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
LOGOUT
GOAL BANK
FILTER
BULK UPDATES
ADD CLIENT
LAST NAME
FIRST NAME
DOB
SERVICE LOCATION
NEXT IEP
NEXT EVALUATION
ADAMS ROBERT 06-22-2006 VENICE BEACH 04-12-2013 04-12-2015 QUICK EDIT
ALFONSO KRISTIAN 05-04-2004 MANHATTAN BEACH 02-15-2013 02-14-2014 QUICK EDIT
ANDERSON BARRETT 06-17-2004 PRIVATE QUICK EDIT
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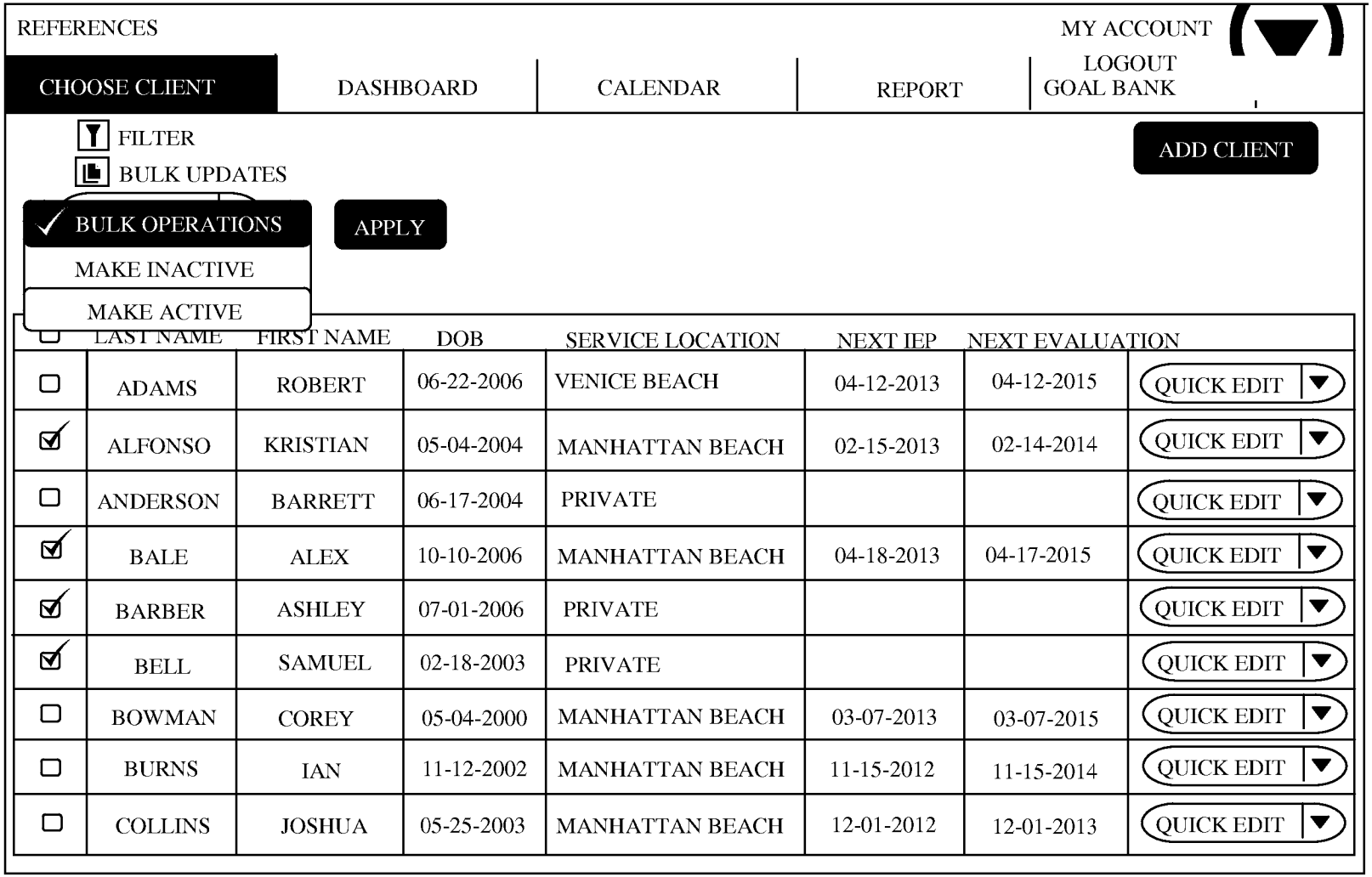
DAVIDSON FRANK 01-01-2003 PRIVATE QUICK EDIT

FIG. 5A


REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
FILTER
BULK UPDATES
BULK OPERATIONS
APPLY
MAKE INACTIVE
MAKE ACTIVE
ADD CLIENT
LAST NAME
FIRST NAME
DOB
SERVICE LOCATION
NEXT IEP
NEXT EVALUATION
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BOWMAN COREY 05-04-2000 MANHATTAN BEACH 03-07-2013 03-07-2015 QUICK EDIT
BURNS IAN 11-12-2002 MANHATTAN BEACH 11-15-2012 11-15-2014 QUICK EDIT
COLLINS JOSHUA 05-25-2003 MANHATTAN BEACH 12-01-2012 12-01-2013 QUICK EDIT

FIG. 5B

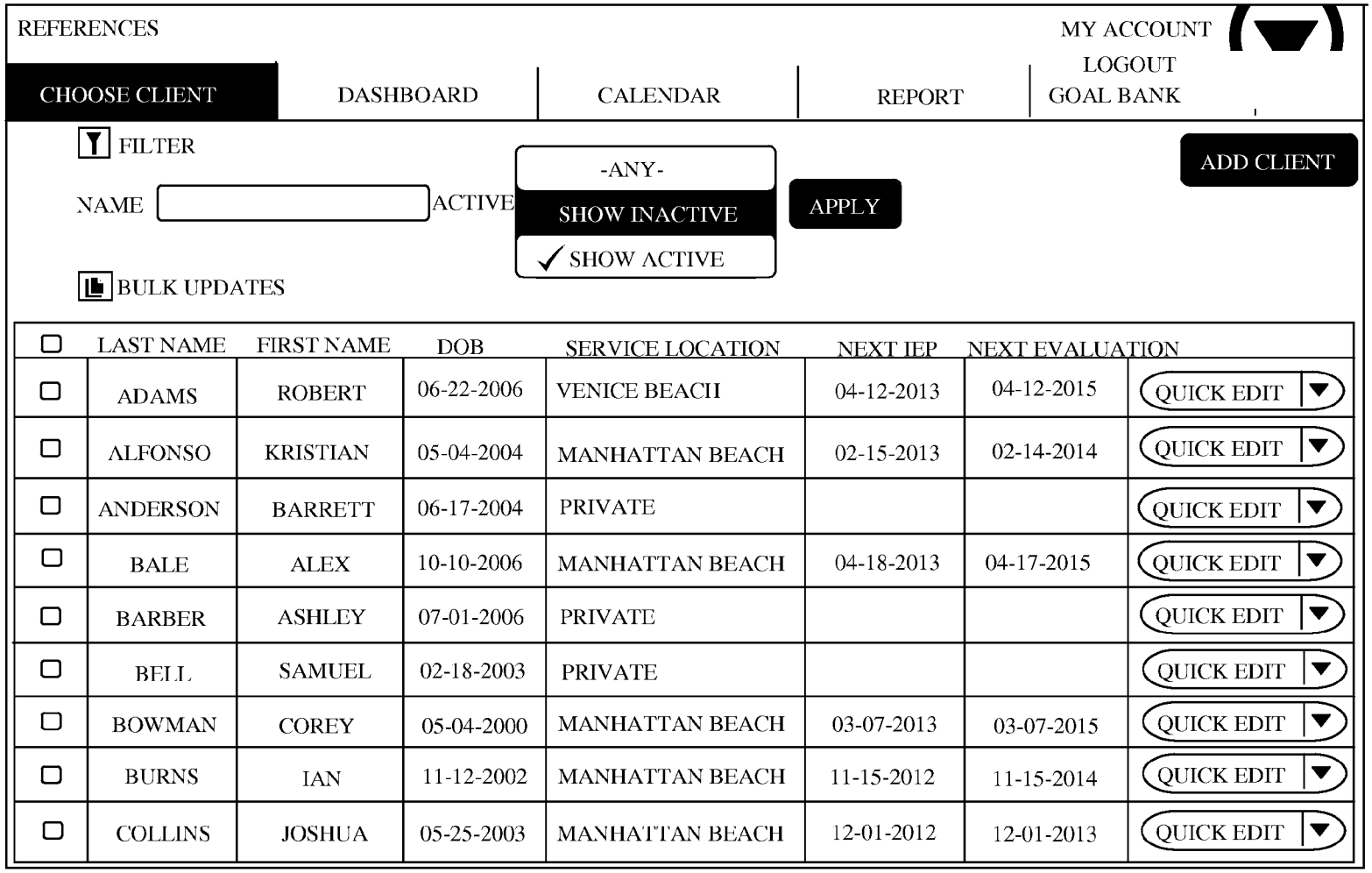

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
FILTER
NAME
ACTIVE
-ANY-
SHOW INACTIVE
SHOW ACTIVE
APPLY
ADD CLIENT
BULK UPDATES
LAST NAME
FIRST NAME
DOB
SERVICE LOCATION
NEXT IEP
NEXT EVALUATION
ADAMS ROBERT 06-22-2006 VENICE BEACH 04-12-2013 04-12-2015 QUICK EDIT
ALFONSO KRISTIAN 05-04-2004 MANHATTAN BEACH 02-15-2013 02-14-2014 QUICK EDIT
ANDERSON BARRETT 06-17-2004 PRIVATE QUICK EDIT
BALE ALEX 10-10-2006 MANHATTAN BEACH 04-18-2013 04-17-2015 QUICK EDIT
BARBER ASHLEY 07-01-2006 PRIVATE QUICK EDIT
BELL SAMUEL 02-18-2003 PRIVATE QUICK EDIT
BOWMAN COREY 05-04-2000 MANHATTAN BEACH 03-07-2013 03-07-2015 QUICK EDIT
BURNS IAN 11-12-2002 MANHATTAN BEACH 11-15-2012 11-15-2014 QUICK EDIT
COLLINS JOSHUA 05-25-2003 MANHATTAN BEACH 12-01-2012 12-01-2013 QUICK EDIT

FIG. 5C

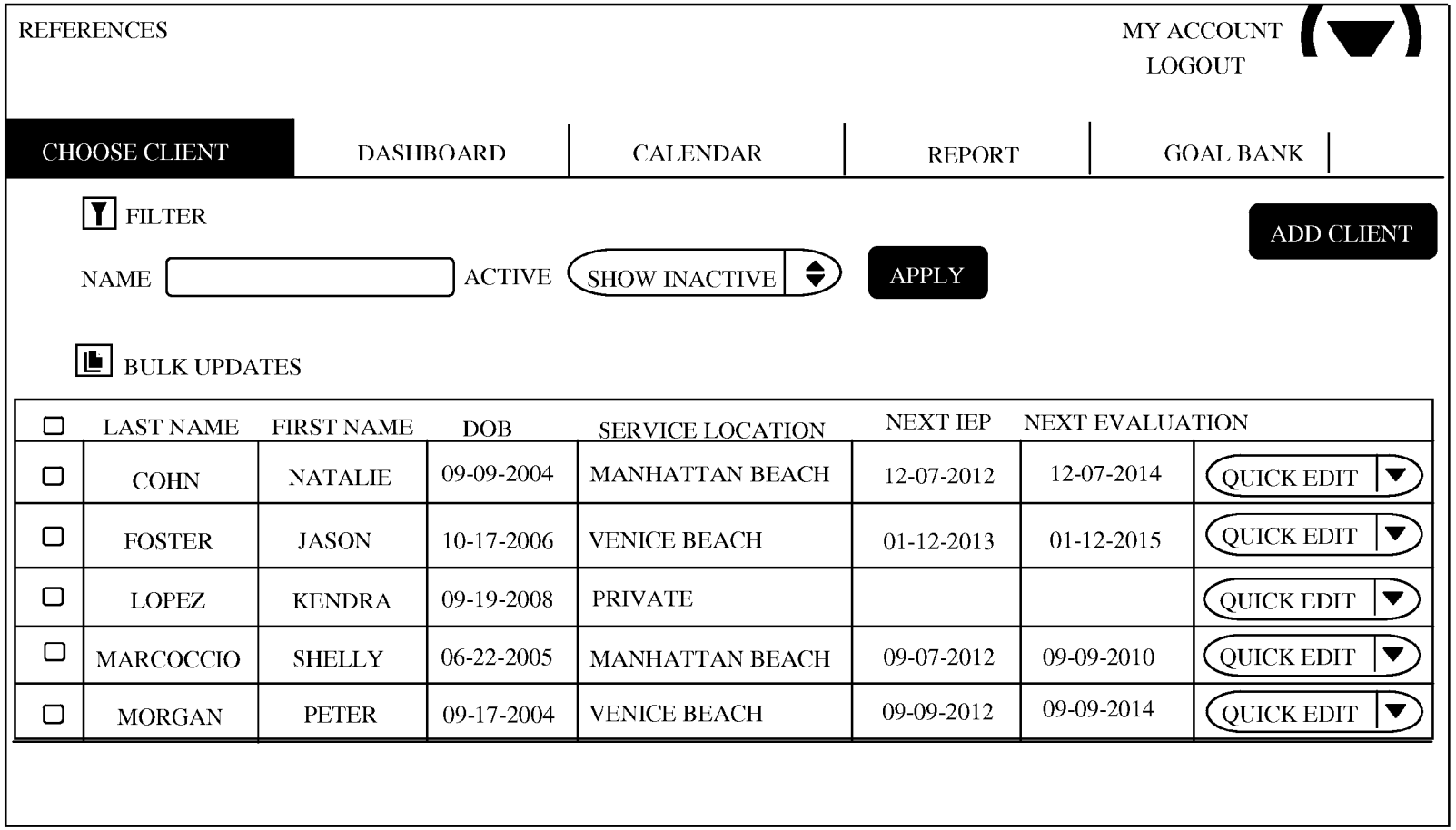

REFERENCES
MY ACCOUNT
LOGOUT
CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
FILTER
ADD CLIENT
NAME
ACTIVE
SHOW INACTIVE
APPLY
BULK UPDATES
LAST NAME
FIRST NAME
DOB
SERVICE LOCATION
NEXT IEP
NEXT EVALUATION
COHN
NATALIE
09-09-2004
MANHATTAN BEACH
12-07-2012
12-07-2014
QUICK EDIT
FOSTER
JASON
10-17-2006
VENICE BEACH
01-12-2013
01-12-2015
QUICK EDIT
LOPEZ
KENDRA
09-19-2008
PRIVATE
QUICK EDIT
MARCOCCIO
SHELLY
06-22-2005
MANHATTAN BEACH
09-07-2012
09-09-2010
QUICK EDIT
MORGAN
PETER
09-17-2004
VENICE BEACH
09-09-2012
09-09-2014
QUICK EDIT

FIG. 5D

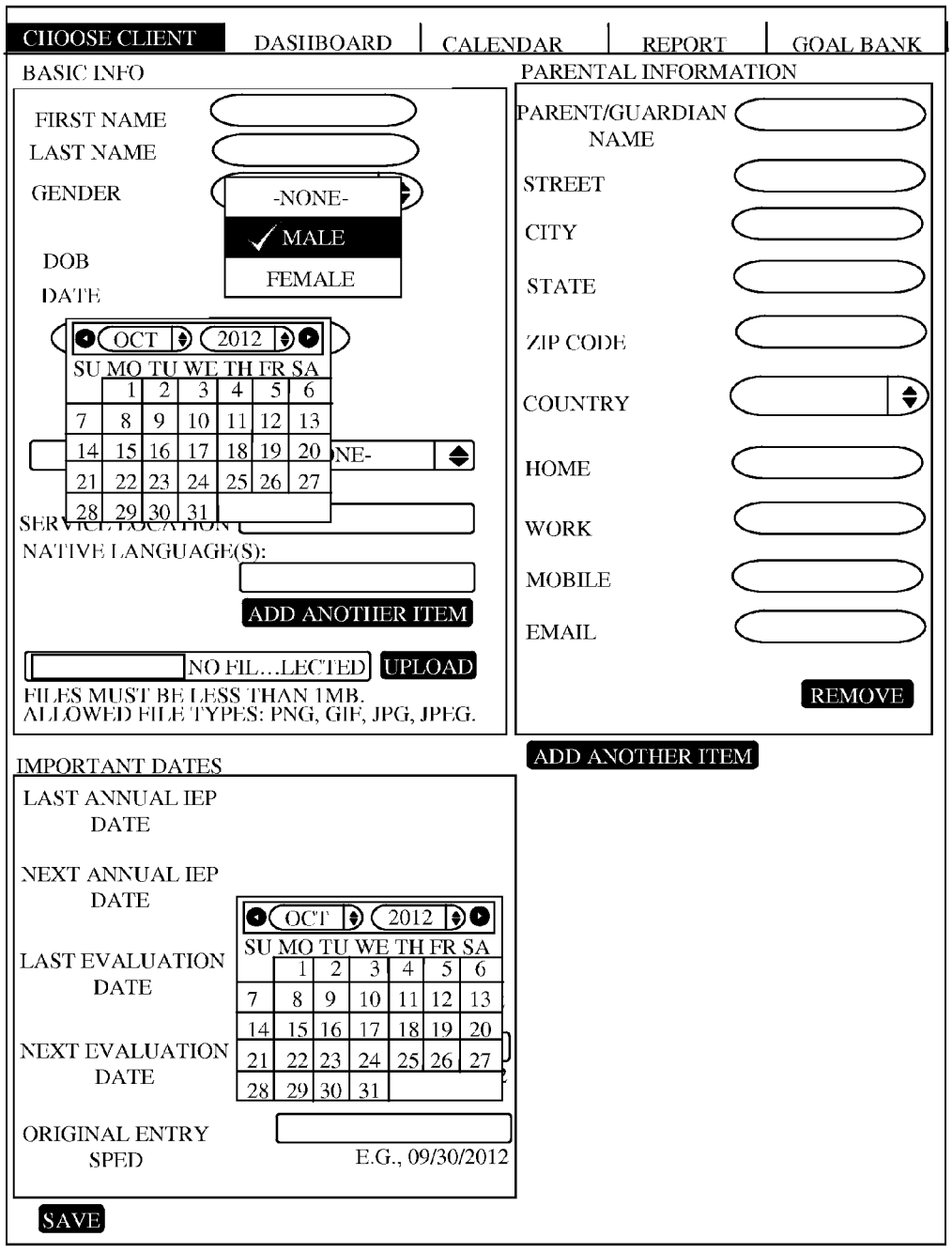

CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
BASIC INFO
FIRST NAME
LAST NAME
GENDER
-NONE-
MALE
FEMALE
DOB
DATE
OCT
2012
SU MO TU WE TH FR SA
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31
NATIVE LANGUAGE(S):
ADD ANOTHER ITEM
NO FIL...LECTED
UPLOAD
FILES MUST BE LESS THAN 1MB.
ALLOWED FILE TYPES: PNG, GIF, JPG, JPEG.
PARENTAL INFORMATION
PARENT/GUARDIAN NAME
STREET
CITY
STATE
ZIP CODE
COUNTRY
HOME
WORK
MOBILE
EMAIL
REMOVE
ADD ANOTHER ITEM
IMPORTANT DATES
LAST ANNUAL IEP DATE
NEXT ANNUAL IEP DATE
LAST EVALUATION DATE
NEXT EVALUATION DATE
ORIGINAL ENTRY SPED
E.G., 09/30/2012
SAVE

FIG. 5E

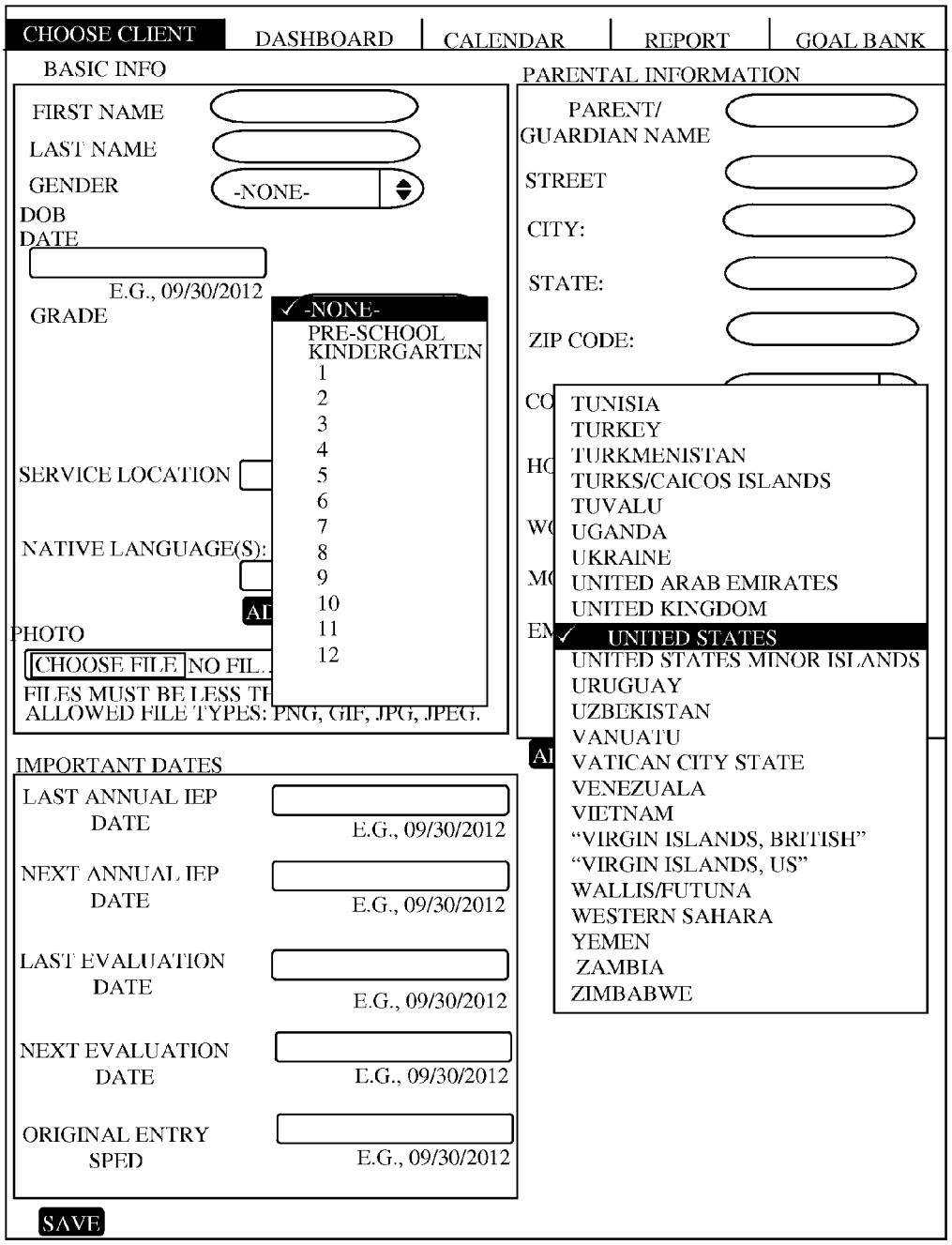

CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
BASIC INFO
FIRST NAME
LAST NAME
GENDER
-NONE-
DOB
DATE
E.G., 09/30/2012
GRADE
-NONE-
PRE-SCHOOL
KINDERGARTEN
1
2
3
4
5
6
7
8
9
10
11
12
SERVICE LOCATION
NATIVE LANGUAGE(S):
PHOTO
CHOOSE FILE
NO FIL..
FILES MUST BE LESS TH
ALLOWED FILE TYPES: PNG, GIF, JPG, JPEG.
PARENTAL INFORMATION
PARENT/
GUARDIAN NAME
STREET
CITY:
STATE:
ZIP CODE:
TUNISIA
TURKEY
TURKMENISTAN
TURKS/CAICOS ISLANDS
TUVALU
UGANDA
UKRAINE
UNITED ARAB EMIRATES
UNITED KINGDOM
UNITED STATES
UNITED STATES MINOR ISLANDS
URUGUAY
UZBEKISTAN
VANUATU
VATICAN CITY STATE
VENEZUALA
VIETNAM
"VIRGIN ISLANDS, BRITISH"
"VIRGIN ISLANDS, US"
WALLIS/FUTUNA
WESTERN SAHARA
YEMEN
ZAMBIA
ZIMBABWE
IMPORTANT DATES
LAST ANNUAL IEP
DATE
E.G., 09/30/2012
NEXT ANNUAL IEP
DATE
E.G., 09/30/2012
LAST EVALUATION
DATE
E.G., 09/30/2012
NEXT EVALUATION
DATE
E.G., 09/30/2012
ORIGINAL ENTRY
SPED
E.G., 09/30/2012
SAVE

FIG. 5F

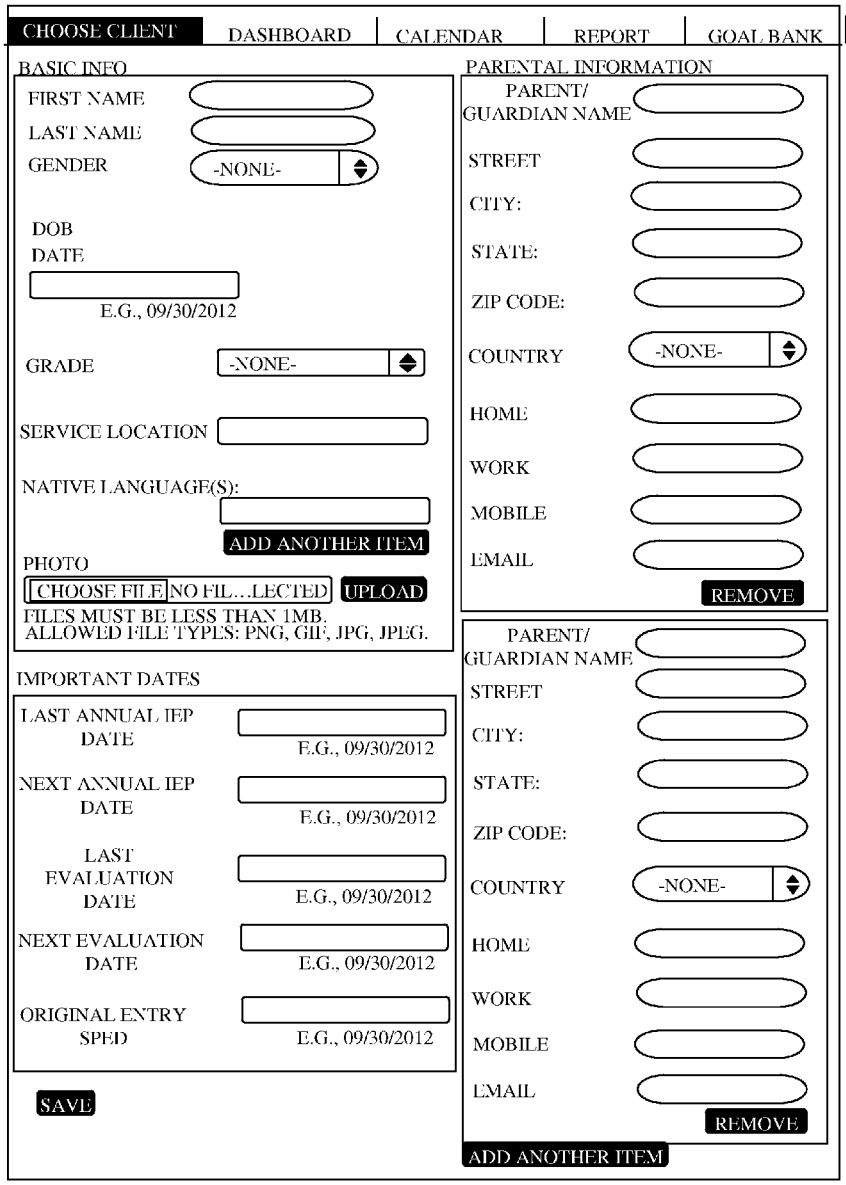

CHOOSE CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
BASIC INFO
FIRST NAME
LAST NAME
GENDER
-NONE-
DOB
DATE
E.G., 09/30/2012
GRADE
-NONE-
SERVICE LOCATION
NATIVE LANGUAGE(S):
ADD ANOTHER ITEM
PHOTO
CHOOSE FILE NO FIL...LECTED
UPLOAD
FILES MUST BE LESS THAN 1MB.
ALLOWED FILE TYPES: PNG, GIF, JPG, JPEG.
IMPORTANT DATES
LAST ANNUAL IEP DATE
E.G., 09/30/2012
NEXT ANNUAL IEP DATE
E.G., 09/30/2012
LAST EVALUATION DATE
E.G., 09/30/2012
NEXT EVALUATION DATE
E.G., 09/30/2012
ORIGINAL ENTRY SPED
E.G., 09/30/2012
SAVE
PARENTAL INFORMATION
PARENT/ GUARDIAN NAME
STREET
CITY:
STATE:
ZIP CODE:
COUNTRY
-NONE-
HOME
WORK
MOBILE
EMAIL
REMOVE
PARENT/ GUARDIAN NAME
STREET
CITY:
STATE:
ZIP CODE:
COUNTRY
-NONE-
HOME
WORK
MOBILE
EMAIL
REMOVE
ADD ANOTHER ITEM

FIG. 5G

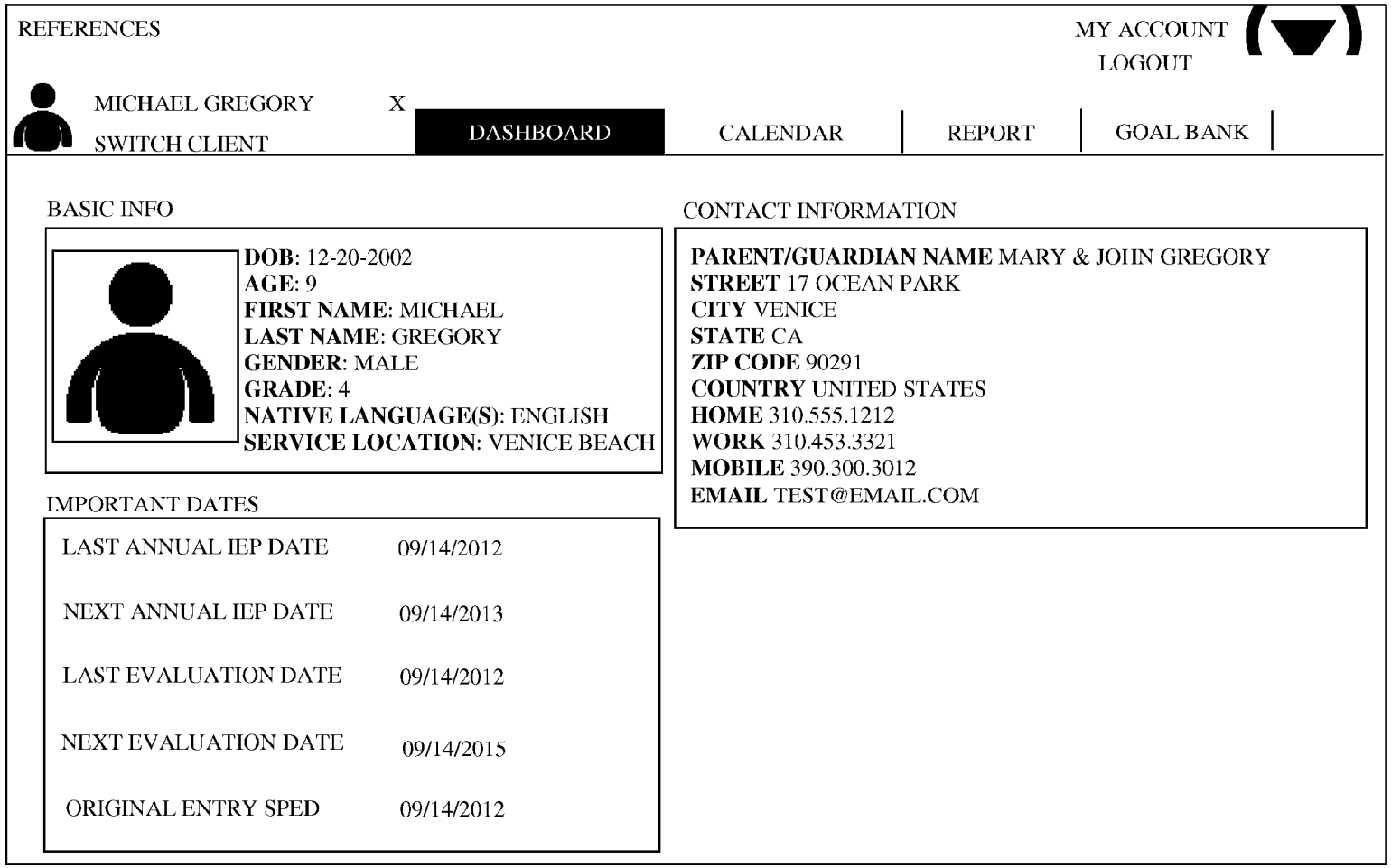

REFERENCES
MY ACCOUNT
LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
BASIC INFO
DOB: 12-20-2002
AGE: 9
FIRST NAME: MICHAEL
LAST NAME: GREGORY
GENDER: MALE
GRADE: 4
NATIVE LANGUAGE(S): ENGLISH
SERVICE LOCATION: VENICE BEACH
CONTACT INFORMATION
PARENT/GUARDIAN NAME MARY & JOHN GREGORY
STREET 17 OCEAN PARK
CITY VENICE
STATE CA
ZIP CODE 90291
COUNTRY UNITED STATES
HOME 310.555.1212
WORK 310.453.3321
MOBILE 390.300.3012
EMAIL TEST@EMAIL.COM
IMPORTANT DATES
LAST ANNUAL IEP DATE 09/14/2012
NEXT ANNUAL IEP DATE 09/14/2013
LAST EVALUATION DATE 09/14/2012
NEXT EVALUATION DATE 09/14/2015
ORIGINAL ENTRY SPED 09/14/2012

FIG. 5H

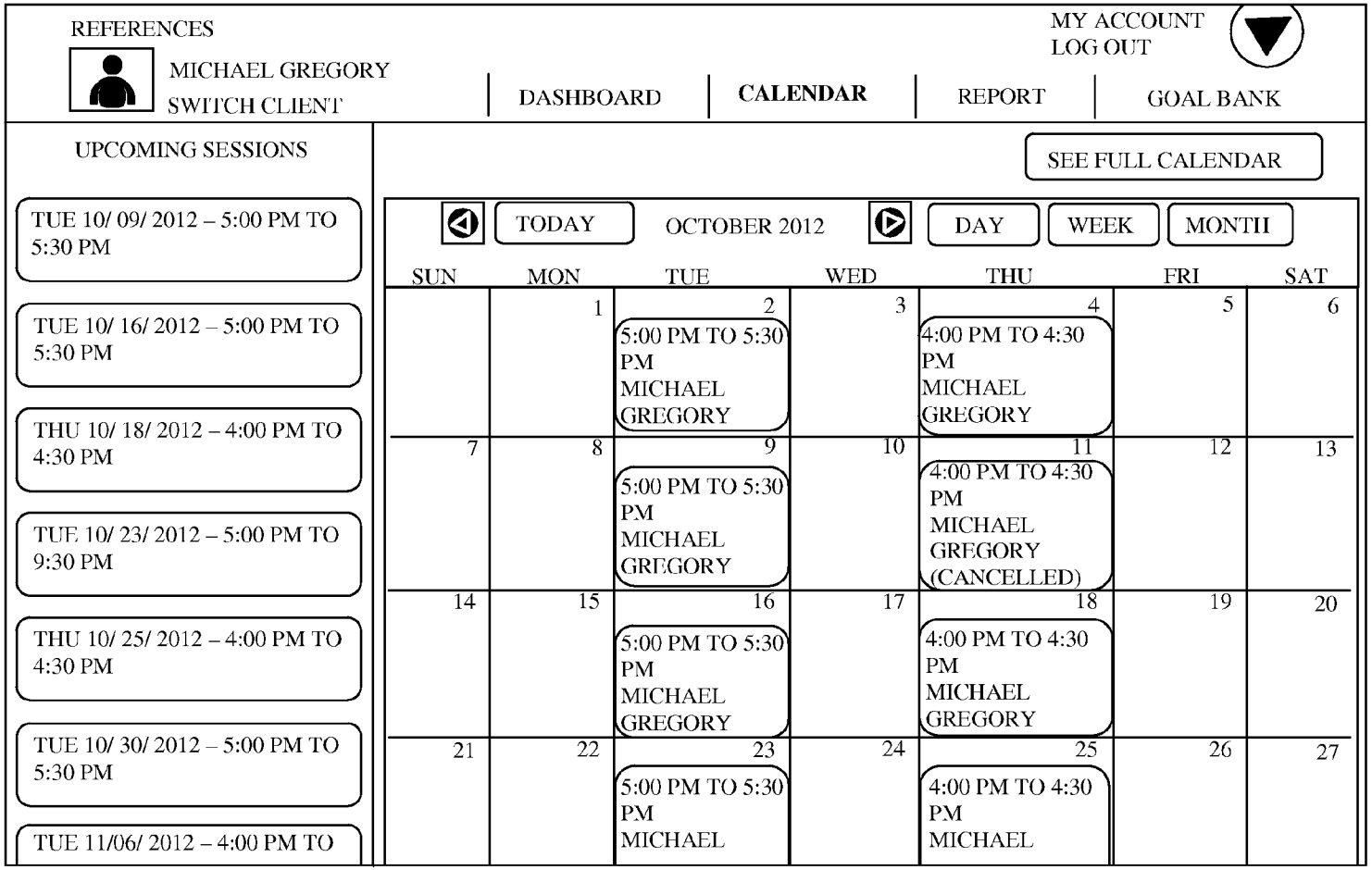

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
UPCOMING SESSIONS
SEE FULL CALENDAR
TUE 10/ 09/ 2012 – 5:00 PM TO 5:30 PM
TUE 10/ 16/ 2012 – 5:00 PM TO 5:30 PM
THU 10/ 18/ 2012 – 4:00 PM TO 4:30 PM
TUE 10/ 23/ 2012 – 5:00 PM TO 9:30 PM
THU 10/ 25/ 2012 – 4:00 PM TO 4:30 PM
TUE 10/ 30/ 2012 – 5:00 PM TO 5:30 PM
TUE 11/06/ 2012 – 4:00 PM TO
TODAY
OCTOBER 2012
DAY
WEEK
MONTH
SUN
MON
TUE
WED
THU
FRI
SAT
1
2
5:00 PM TO 5:30 PM MICHAEL GREGORY
3
4
4:00 PM TO 4:30 PM MICHAEL GREGORY
5
6
7
8
9
5:00 PM TO 5:30 PM MICHAEL GREGORY
10
11
4:00 PM TO 4:30 PM MICHAEL GREGORY (CANCELLED)
12
13
14
15
16
5:00 PM TO 5:30 PM MICHAEL GREGORY
17
18
4:00 PM TO 4:30 PM MICHAEL GREGORY
19
20
21
22
23
5:00 PM TO 5:30 PM MICHAEL
24
25
4:00 PM TO 4:30 PM MICHAEL
26
27

FIG. 6A

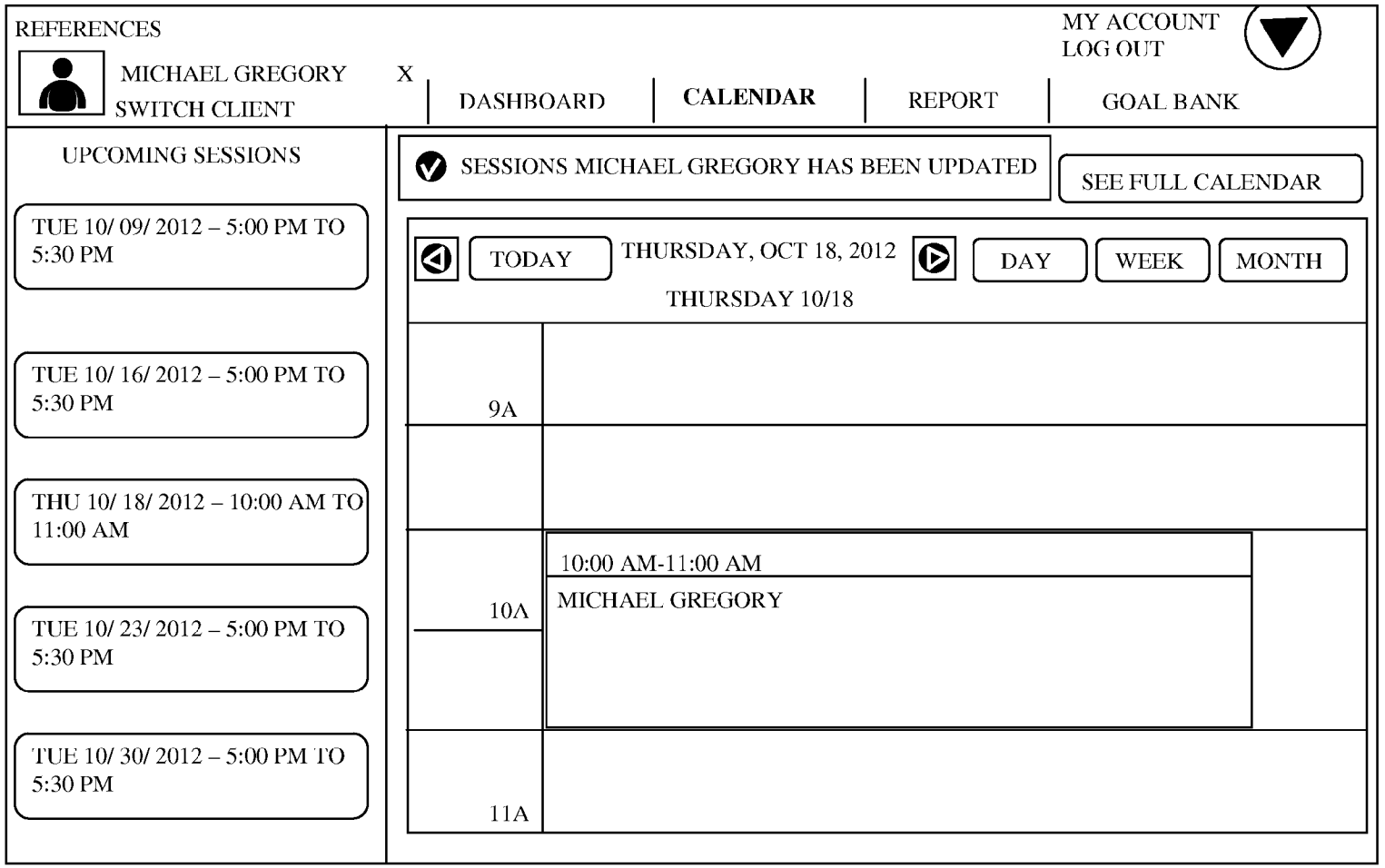

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
MY ACCOUNT
LOG OUT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
UPCOMING SESSIONS
TUE 10/ 09/ 2012 – 5:00 PM TO 5:30 PM
TUE 10/ 16/ 2012 – 5:00 PM TO 5:30 PM
THU 10/ 18/ 2012 – 10:00 AM TO 11:00 AM
TUE 10/ 23/ 2012 – 5:00 PM TO 5:30 PM
TUE 10/ 30/ 2012 – 5:00 PM TO 5:30 PM
SESSIONS MICHAEL GREGORY HAS BEEN UPDATED
SEE FULL CALENDAR
TODAY
THURSDAY, OCT 18, 2012
DAY
WEEK
MONTH
THURSDAY 10/18
9A
10A
11A
10:00 AM-11:00 AM
MICHAEL GREGORY

FIG. 6B

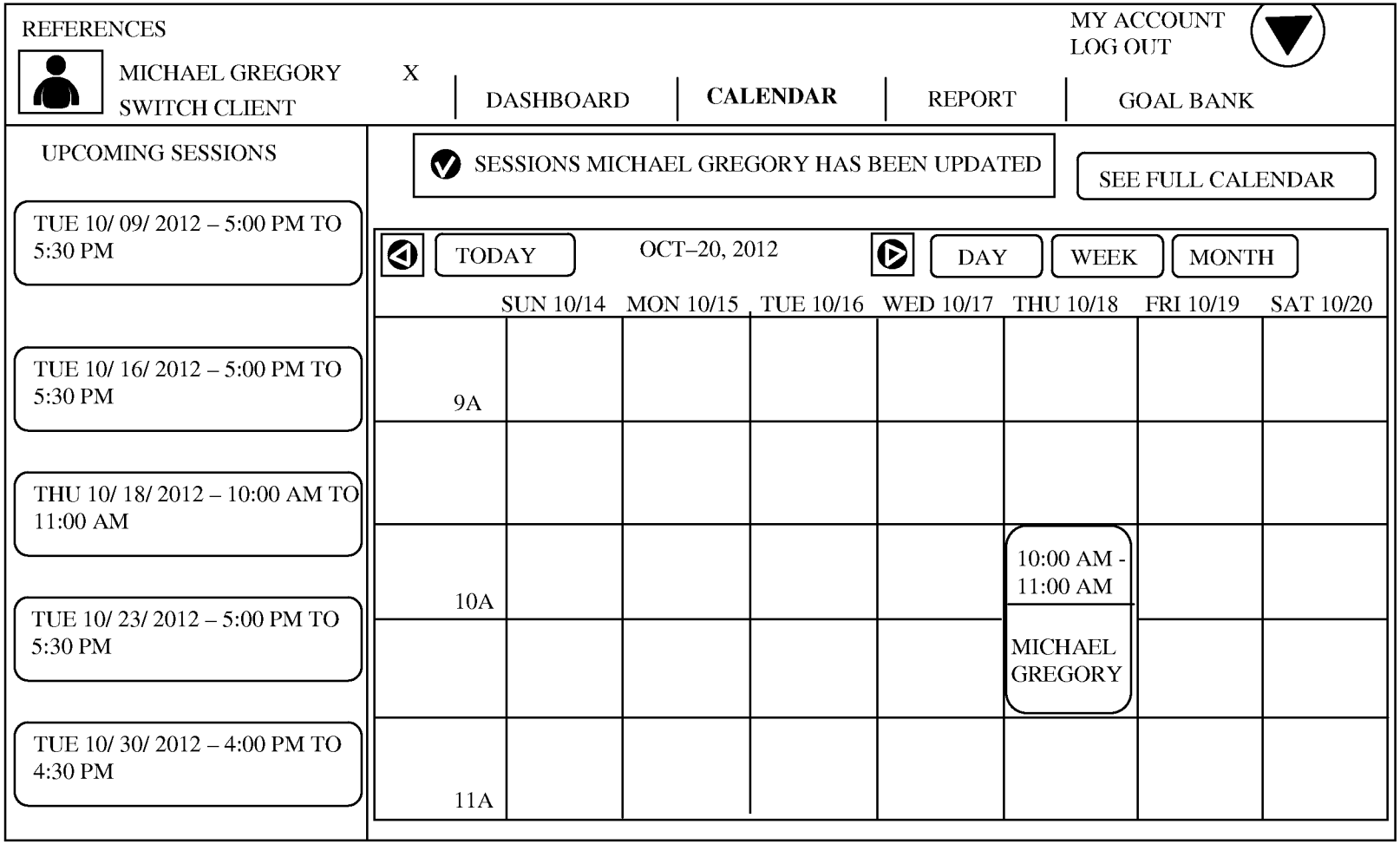

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
MY ACCOUNT
LOG OUT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
UPCOMING SESSIONS
TUE 10/ 09/ 2012 – 5:00 PM TO 5:30 PM
TUE 10/ 16/ 2012 – 5:00 PM TO 5:30 PM
THU 10/ 18/ 2012 – 10:00 AM TO 11:00 AM
TUE 10/ 23/ 2012 – 5:00 PM TO 5:30 PM
TUE 10/ 30/ 2012 – 4:00 PM TO 4:30 PM
SESSIONS MICHAEL GREGORY HAS BEEN UPDATED
SEE FULL CALENDAR
TODAY
OCT–20, 2012
DAY
WEEK
MONTH
SUN 10/14
MON 10/15
TUE 10/16
WED 10/17
THU 10/18
FRI 10/19
SAT 10/20
9A
10A
11A
10:00 AM - 11:00 AM
MICHAEL GREGORY

FIG. 6C

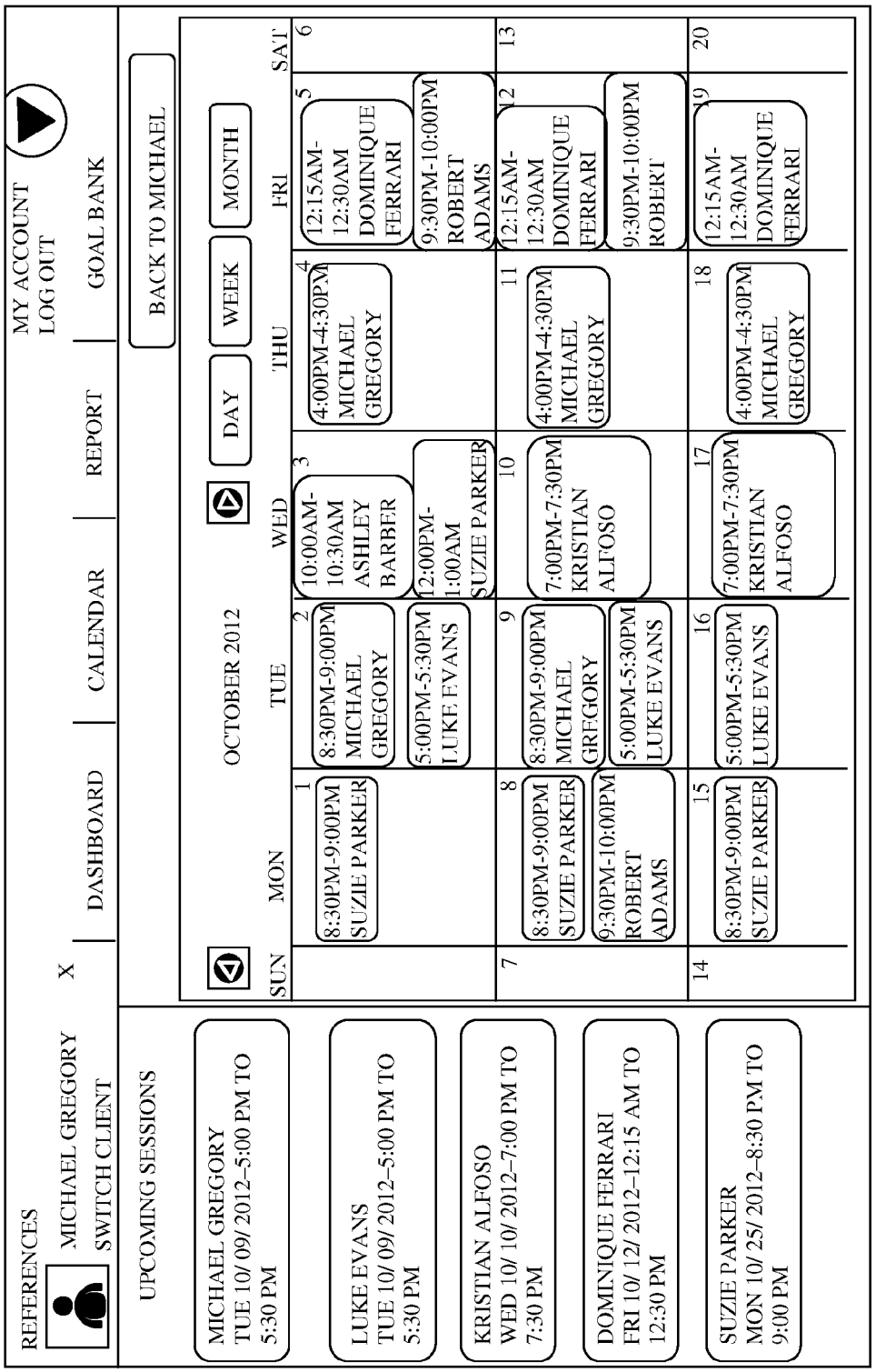

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
UPCOMING SESSIONS
MICHAEL GREGORY
TUE 10/ 09/ 2012–5:00 PM TO
5:30 PM
LUKE EVANS
TUE 10/ 09/ 2012–5:00 PM TO
5:30 PM
KRISTIAN ALFOSO
WED 10/ 10/ 2012–7:00 PM TO
7:30 PM
DOMINIQUE FERRARI
FRI 10/ 12/ 2012–12:15 AM TO
12:30 PM
SUZIE PARKER
MON 10/ 25/ 2012–8:30 PM TO
9:00 PM
BACK TO MICHAEL
OCTOBER 2012
DAY
WEEK
MONTH
SUN
MON
TUE
WED
THU
FRI
SAT
1
8:30PM-9:00PM
SUZIE PARKER
2
8:30PM-9:00PM
MICHAEL
GREGORY
5:00PM-5:30PM
LUKE EVANS
3
10:00AM-
10:30AM
ASHLEY
BARBER
12:00PM-
1:00AM
SUZIE PARKER
4
4:00PM-4:30PM
MICHAEL
GREGORY
5
12:15AM-
12:30AM
DOMINIQUE
FERRARI
9:30PM-10:00PM
ROBERT
ADAMS
6
7
8:30PM-9:00PM
SUZIE PARKER
9:30PM-10:00PM
ROBERT
ADAMS
8
8:30PM-9:00PM
MICHAEL
GREGORY
5:00PM-5:30PM
LUKE EVANS
9
10
7:00PM-7:30PM
KRISTIAN
ALFOSO
11
4:00PM-4:30PM
MICHAEL
GREGORY
12
12:15AM-
12:30AM
DOMINIQUE
FERRARI
9:30PM-10:00PM
ROBERT
13
14
8:30PM-9:00PM
SUZIE PARKER
15
5:00PM-5:30PM
LUKE EVANS
16
17
7:00PM-7:30PM
KRISTIAN
ALFOSO
18
4:00PM-4:30PM
MICHAEL
GREGORY
19
12:15AM-
12:30AM
DOMINIQUE
FERRARI
20

FIG. 6D

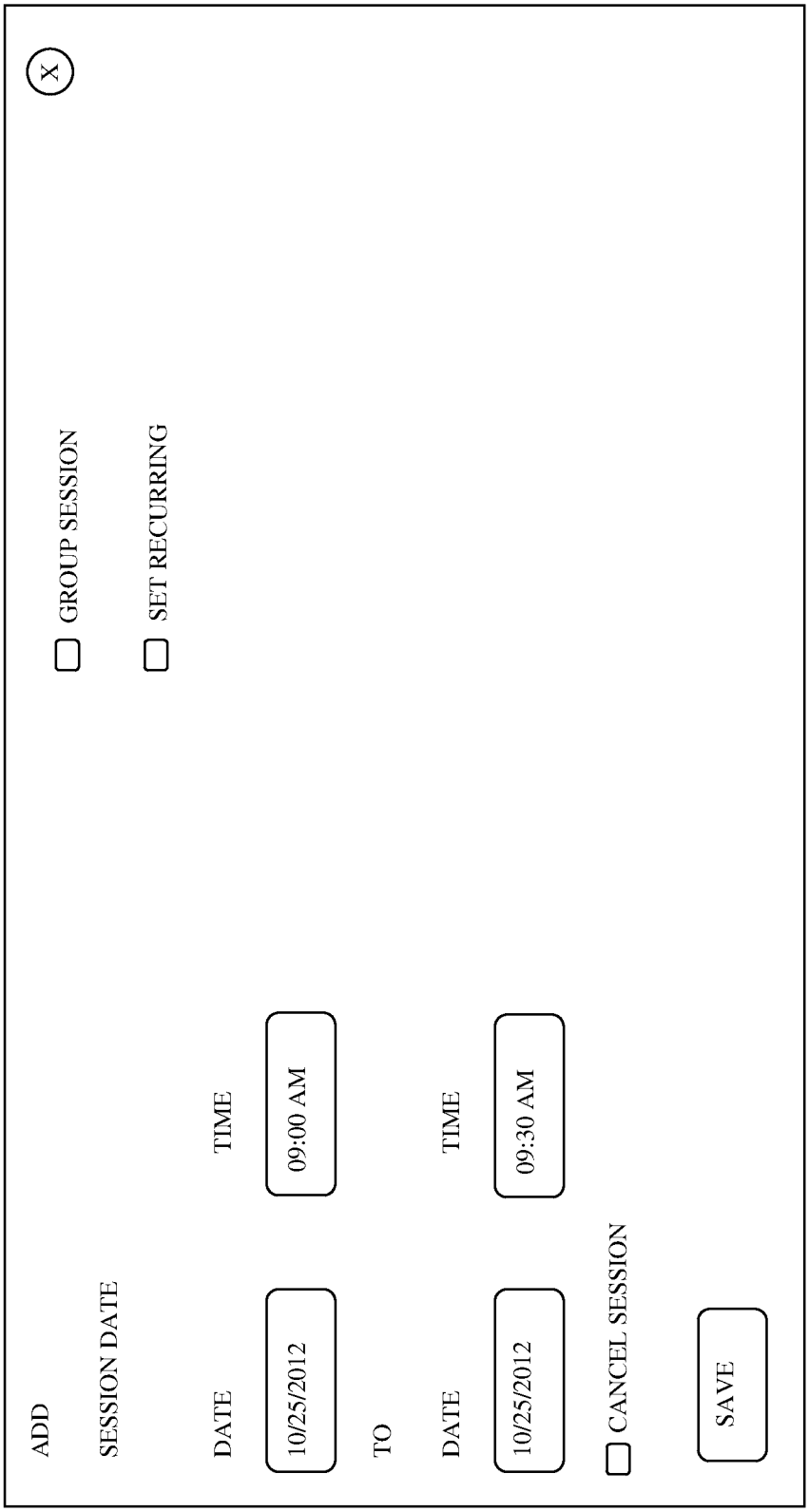

ADD
X
GROUP SESSION
SET RECURRING
SESSION DATE
DATE
TIME
10/25/2012
09:00 AM
TO
DATE
TIME
10/25/2012
09:30 AM
CANCEL SESSION
SAVE

FIG. 6E

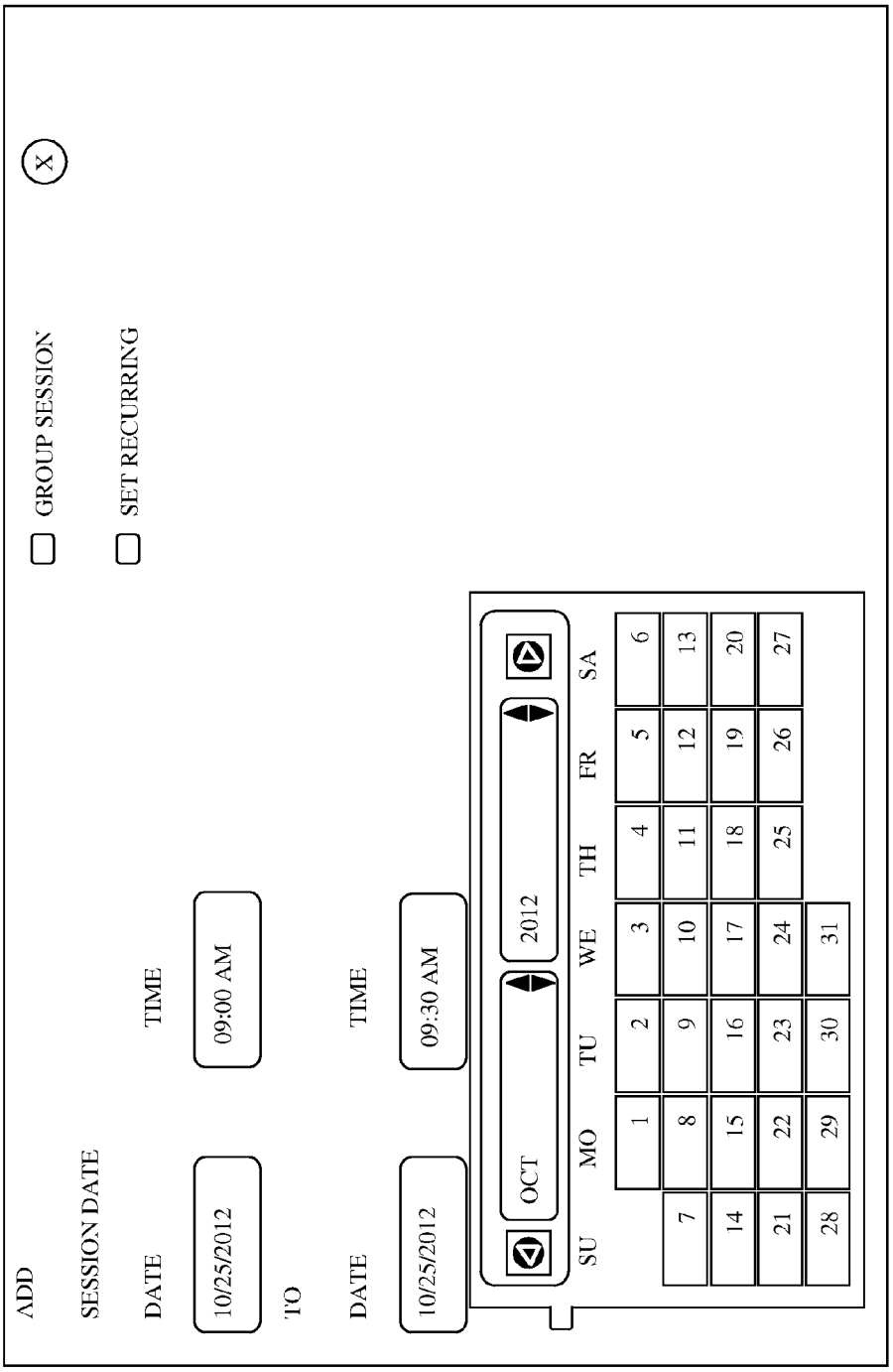

ADD
GROUP SESSION
X
SESSION DATE
SET RECURRING
DATE
TIME
10/25/2012
09:00 AM
TO
DATE
TIME
10/25/2012
09:30 AM
OCT
2012
SU MO TU WE TH FR SA
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

FIG. 6F

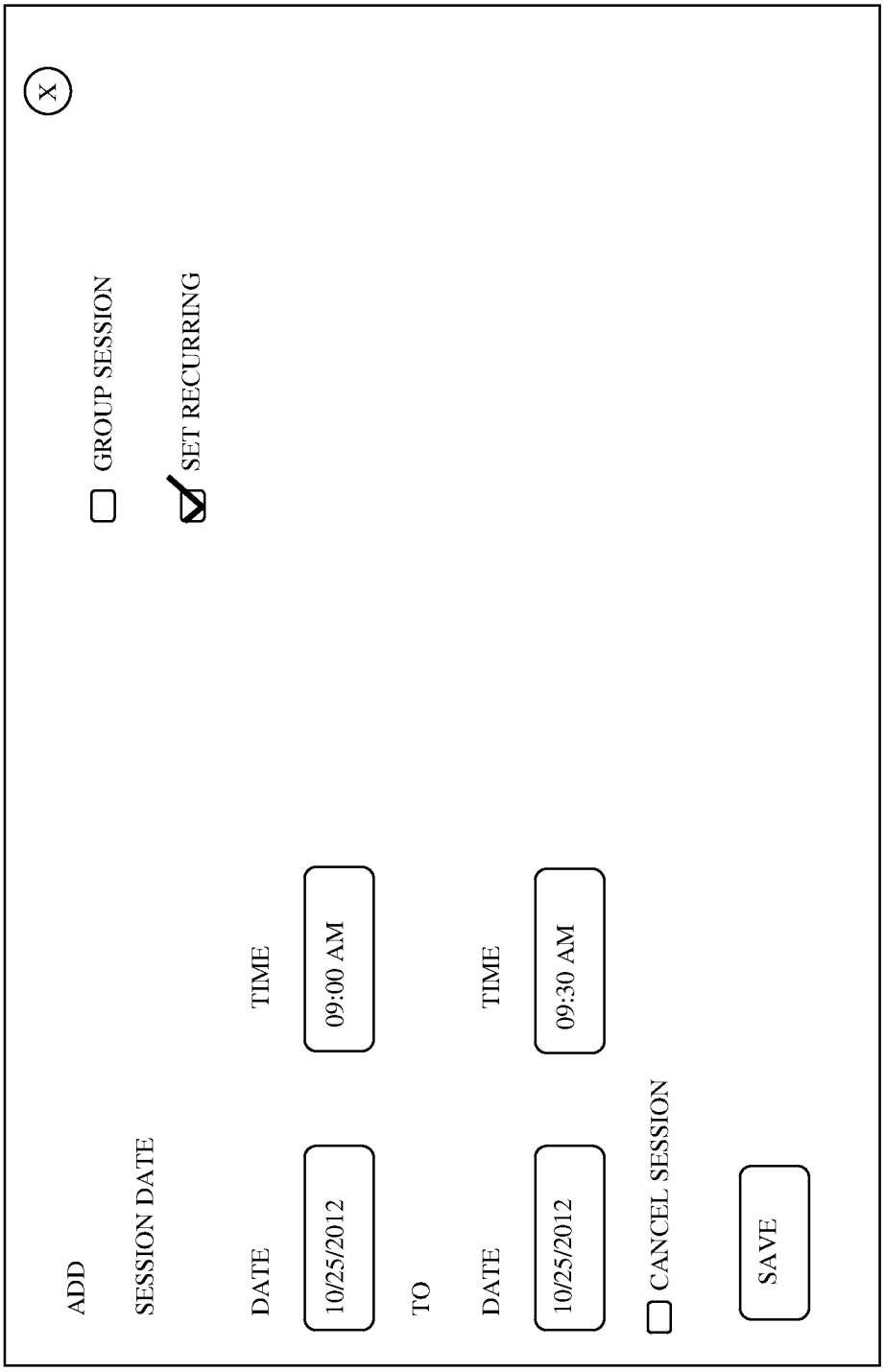

ADD
X
GROUP SESSION
SET RECURRING
SESSION DATE
DATE
TIME
10/25/2012
09:00 AM
TO
DATE
TIME
10/25/2012
09:30 AM
CANCEL SESSION
SAVE

FIG. 6G

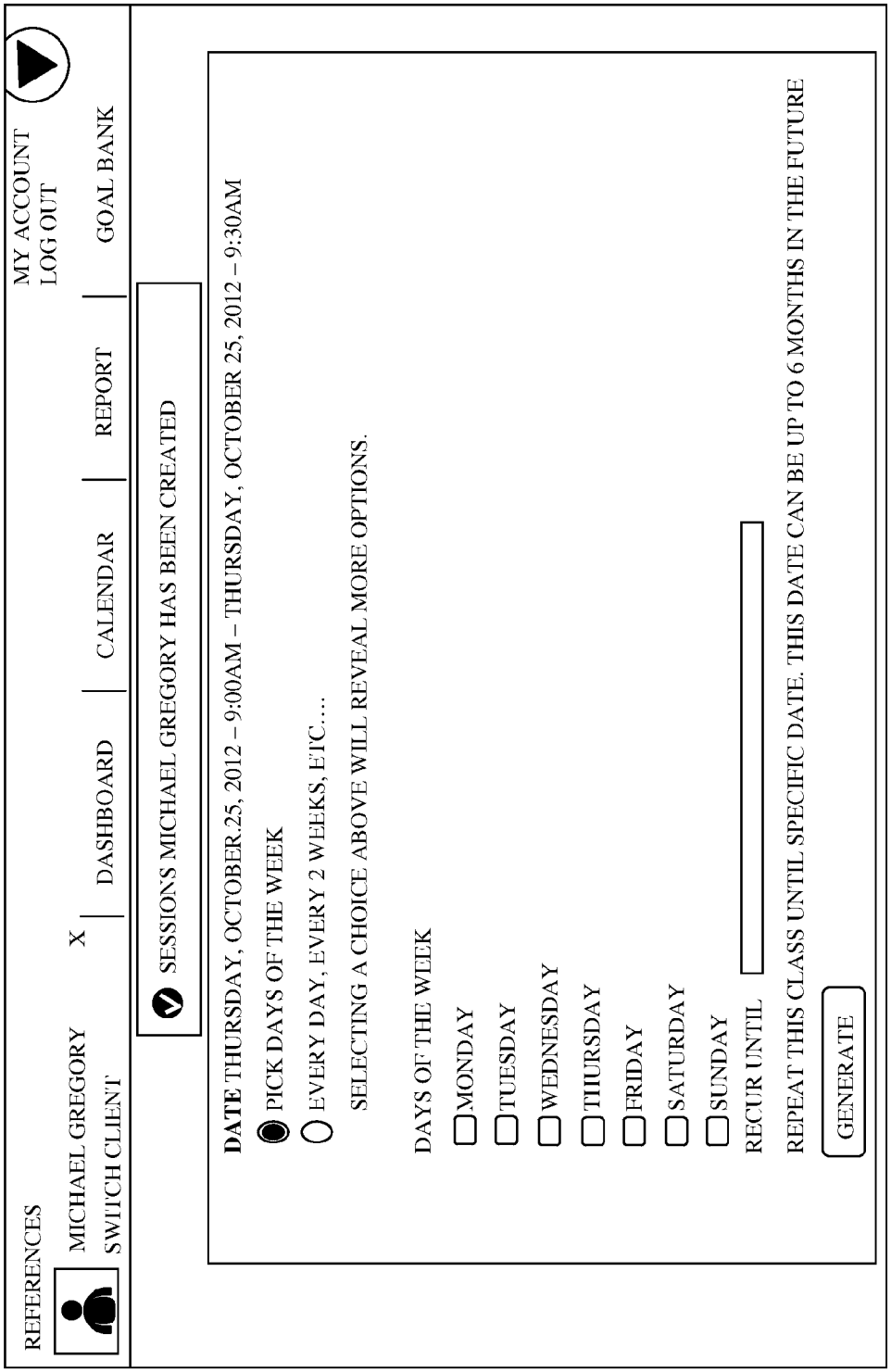

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
SESSIONS MICHAEL GREGORY HAS BEEN CREATED
DATE THURSDAY, OCTOBER 25, 2012 – 9:00AM – THURSDAY, OCTOBER 25, 2012 – 9:30AM
PICK DAYS OF THE WEEK
EVERY DAY, EVERY 2 WEEKS, ETC....
SELECTING A CHOICE ABOVE WILL REVEAL MORE OPTIONS.
DAYS OF THE WEEK
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY
SUNDAY
RECUR UNTIL
REPEAT THIS CLASS UNTIL SPECIFIC DATE. THIS DATE CAN BE UP TO 6 MONTHS IN THE FUTURE
GENERATE

FIG. 6H

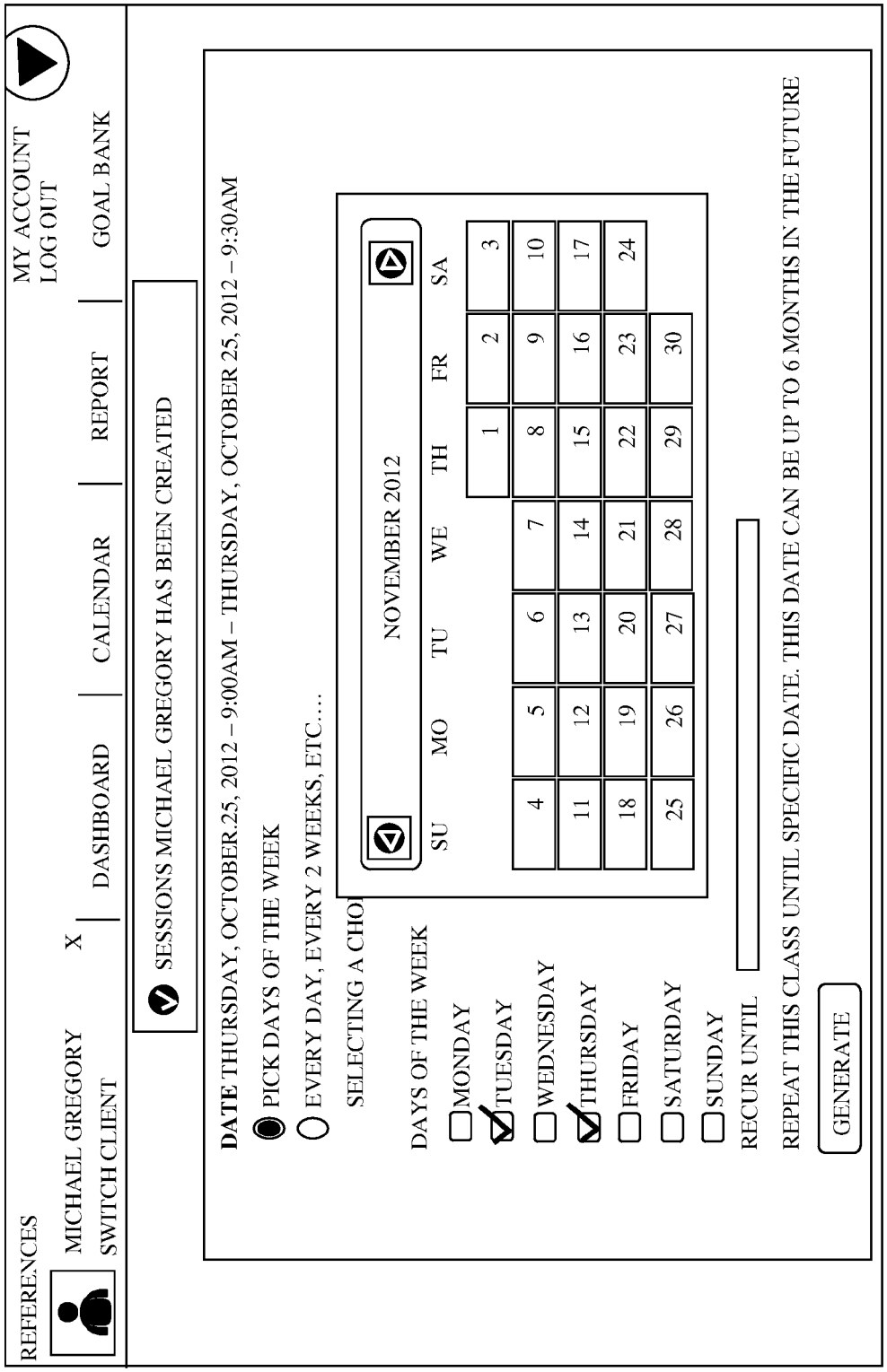

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
SESSIONS MICHAEL GREGORY HAS BEEN CREATED
DATE THURSDAY, OCTOBER.25, 2012 – 9:00AM – THURSDAY, OCTOBER 25, 2012 – 9:30AM
PICK DAYS OF THE WEEK
EVERY DAY, EVERY 2 WEEKS, ETC....
SELECTING A CHO
NOVEMBER 2012
SU MO TU WE TH FR SA
1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30
DAYS OF THE WEEK
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY
SUNDAY
RECUR UNTIL
REPEAT THIS CLASS UNTIL SPECIFIC DATE. THIS DATE CAN BE UP TO 6 MONTHS IN THE FUTURE
GENERATE

FIG. 6I

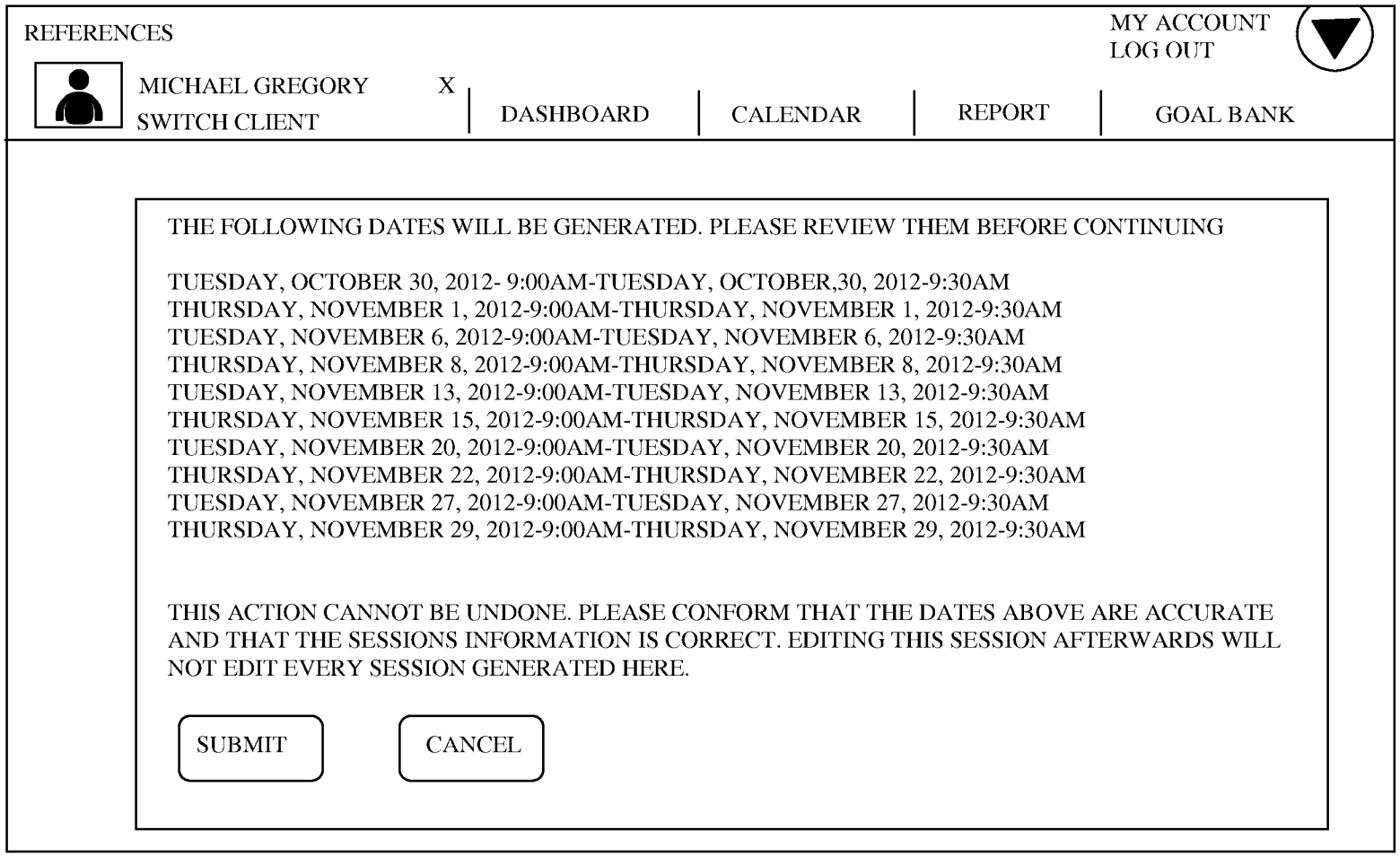

REFERENCES
MY ACCOUNT
LOG OUT
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
THE FOLLOWING DATES WILL BE GENERATED. PLEASE REVIEW THEM BEFORE CONTINUING
TUESDAY, OCTOBER 30, 2012- 9:00AM-TUESDAY, OCTOBER,30, 2012-9:30AM
THURSDAY, NOVEMBER 1, 2012-9:00AM-THURSDAY, NOVEMBER 1, 2012-9:30AM
TUESDAY, NOVEMBER 6, 2012-9:00AM-TUESDAY, NOVEMBER 6, 2012-9:30AM
THURSDAY, NOVEMBER 8, 2012-9:00AM-THURSDAY, NOVEMBER 8, 2012-9:30AM
TUESDAY, NOVEMBER 13, 2012-9:00AM-TUESDAY, NOVEMBER 13, 2012-9:30AM
THURSDAY, NOVEMBER 15, 2012-9:00AM-THURSDAY, NOVEMBER 15, 2012-9:30AM
TUESDAY, NOVEMBER 20, 2012-9:00AM-TUESDAY, NOVEMBER 20, 2012-9:30AM
THURSDAY, NOVEMBER 22, 2012-9:00AM-THURSDAY, NOVEMBER 22, 2012-9:30AM
TUESDAY, NOVEMBER 27, 2012-9:00AM-TUESDAY, NOVEMBER 27, 2012-9:30AM
THURSDAY, NOVEMBER 29, 2012-9:00AM-THURSDAY, NOVEMBER 29, 2012-9:30AM
THIS ACTION CANNOT BE UNDONE. PLEASE CONFORM THAT THE DATES ABOVE ARE ACCURATE AND THAT THE SESSIONS INFORMATION IS CORRECT. EDITING THIS SESSION AFTERWARDS WILL NOT EDIT EVERY SESSION GENERATED HERE.
SUBMIT
CANCEL

FIG. 6J

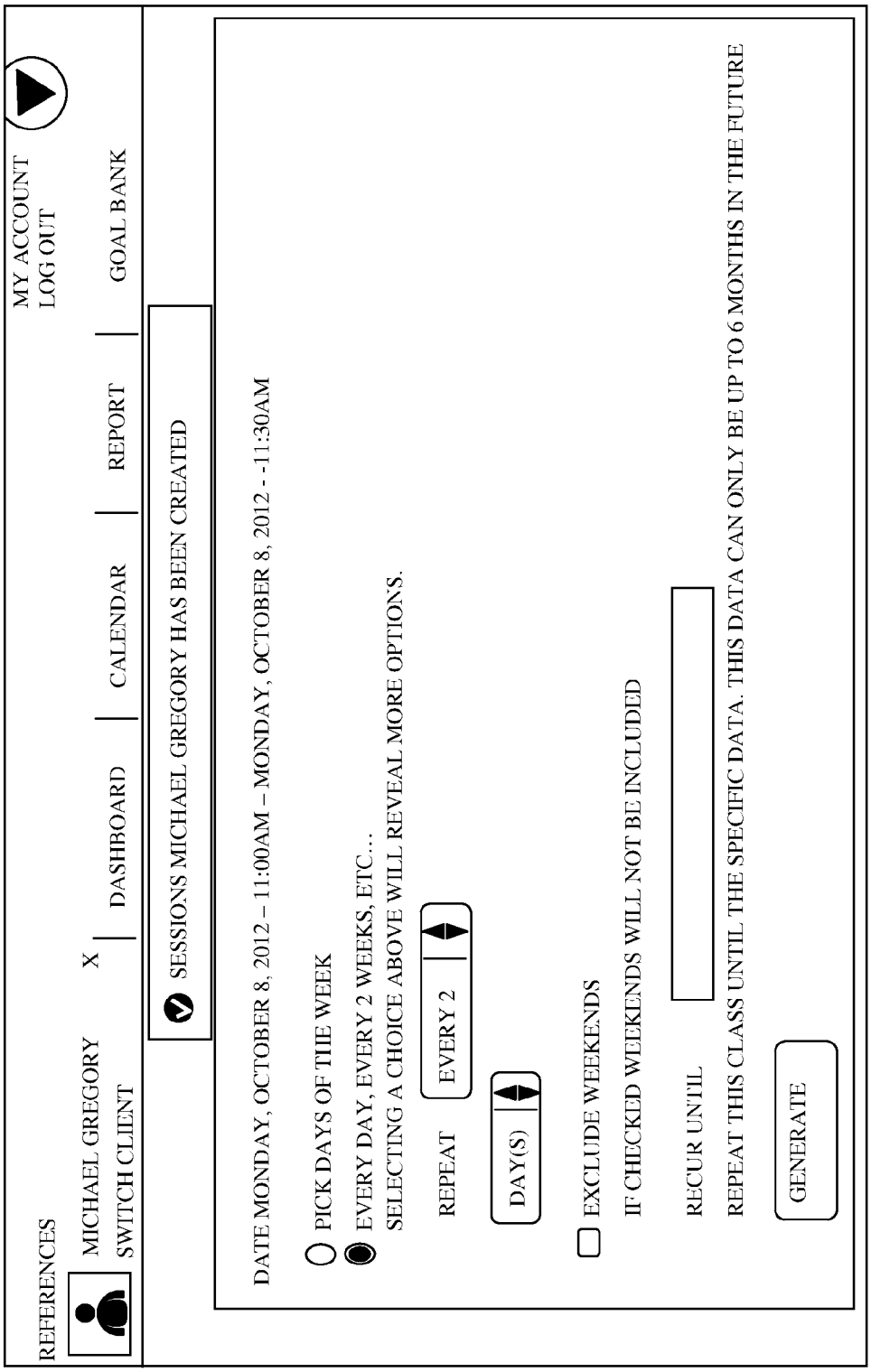

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
SESSIONS MICHAEL GREGORY HAS BEEN CREATED
DATE MONDAY, OCTOBER 8, 2012 – 11:00AM – MONDAY, OCTOBER 8, 2012 - -11:30AM
PICK DAYS OF TIE WEEK
EVERY DAY, EVERY 2 WEEKS, ETC…
SELECTING A CHOICE ABOVE WILL REVEAL MORE OPTIONS.
REPEAT
EVERY 2
DAY(S)
EXCLUDE WEEKENDS
IF CHECKED WEEKENDS WILL NOT BE INCLUDED
RECUR UNTIL
REPEAT THIS CLASS UNTIL THE SPECIFIC DATA. THIS DATA CAN ONLY BE UP TO 6 MONTHS IN THE FUTURE
GENERATE

FIG. 6K

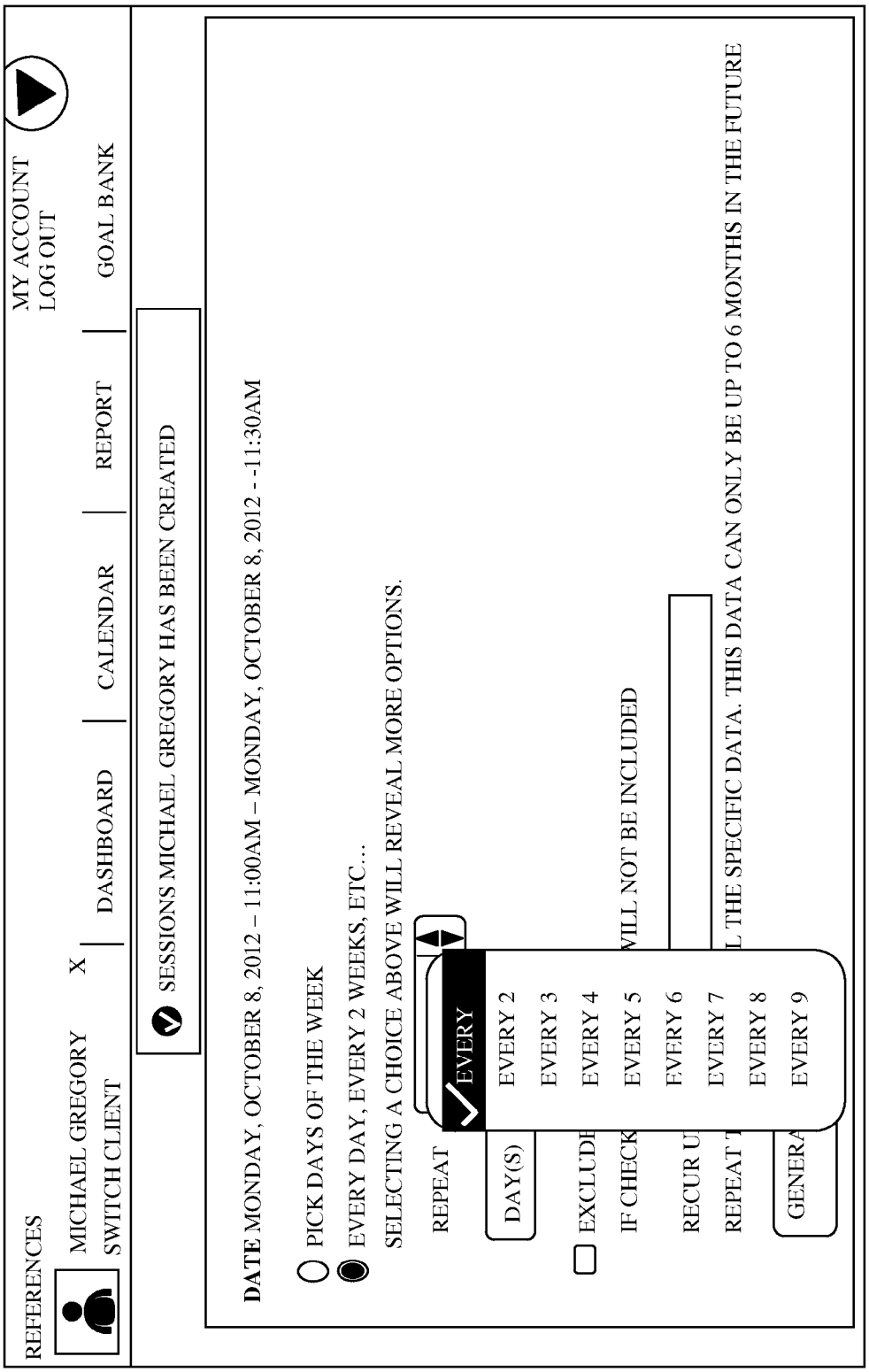

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
SESSIONS MICHAEL GREGORY HAS BEEN CREATED
DATE MONDAY, OCTOBER 8, 2012 – 11:00AM – MONDAY, OCTOBER 8, 2012 - -11:30AM
PICK DAYS OF THE WEEK
EVERY DAY, EVERY 2 WEEKS, ETC…
SELECTING A CHOICE ABOVE WILL REVEAL MORE OPTIONS.
REPEAT
EVERY
DAY(S)
EVERY 2
EVERY 3
EVERY 4
EVERY 5
EVERY 6
EVERY 7
EVERY 8
EVERY 9
EXCLUDE
IF CHECK
WILL NOT BE INCLUDED
RECUR U
REPEAT T
L THE SPECIFIC DATA. THIS DATA CAN ONLY BE UP TO 6 MONTHS IN THE FUTURE
GENERA

FIG. 6L

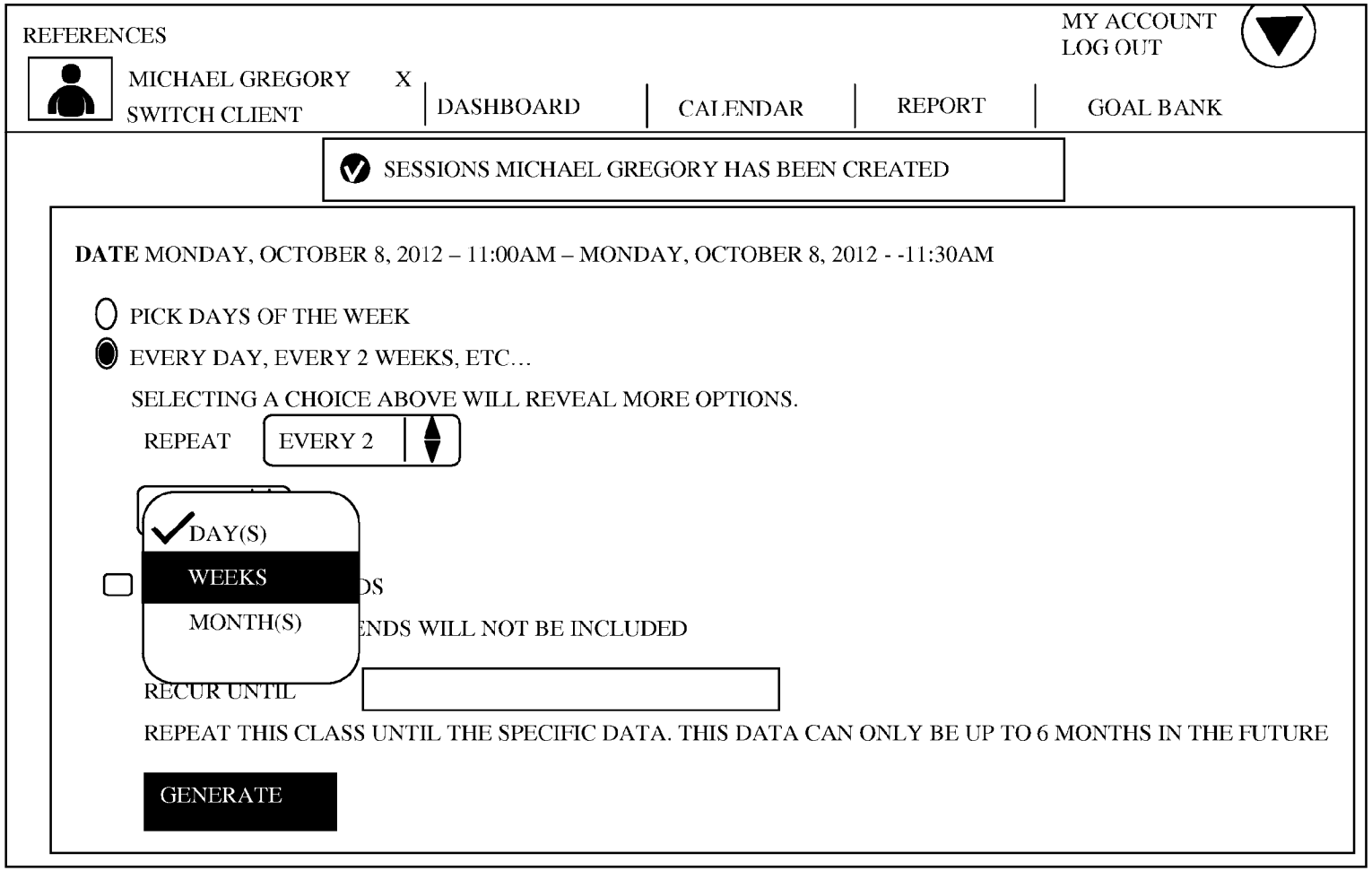

REFERENCES
MY ACCOUNT
LOG OUT
MICHAEL GREGORY X
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
SESSIONS MICHAEL GREGORY HAS BEEN CREATED
DATE MONDAY, OCTOBER 8, 2012 – 11:00AM – MONDAY, OCTOBER 8, 2012 - -11:30AM
PICK DAYS OF THE WEEK
EVERY DAY, EVERY 2 WEEKS, ETC…
SELECTING A CHOICE ABOVE WILL REVEAL MORE OPTIONS.
REPEAT
EVERY 2
DAY(S)
WEEKS
MONTH(S)
RECUR UNTIL
REPEAT THIS CLASS UNTIL THE SPECIFIC DATA. THIS DATA CAN ONLY BE UP TO 6 MONTHS IN THE FUTURE
GENERATE

FIG. 6M

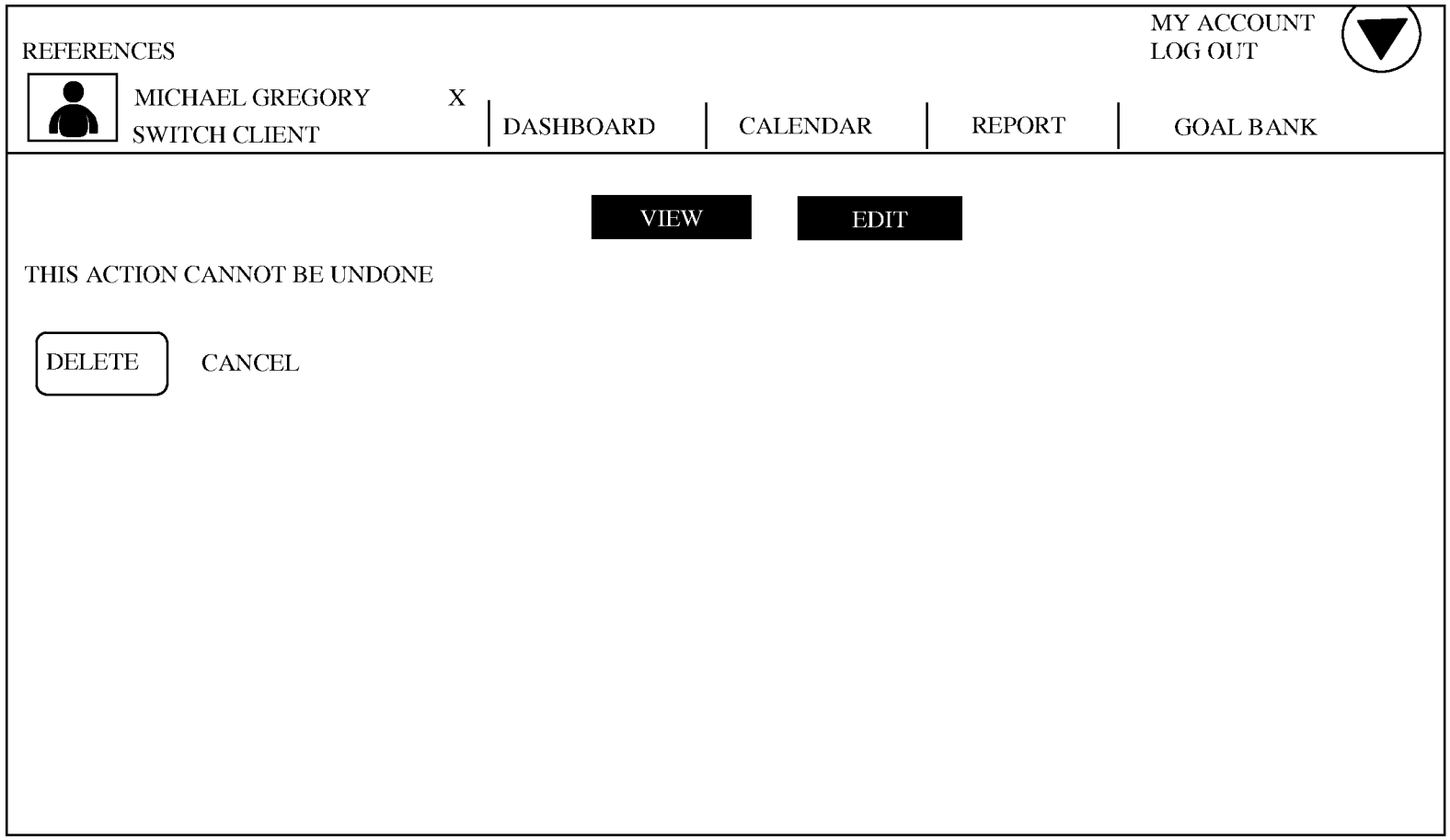

REFERENCES
MY ACCOUNT
LOG OUT
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
VIEW
EDIT
THIS ACTION CANNOT BE UNDONE
DELETE
CANCEL

FIG. 6N

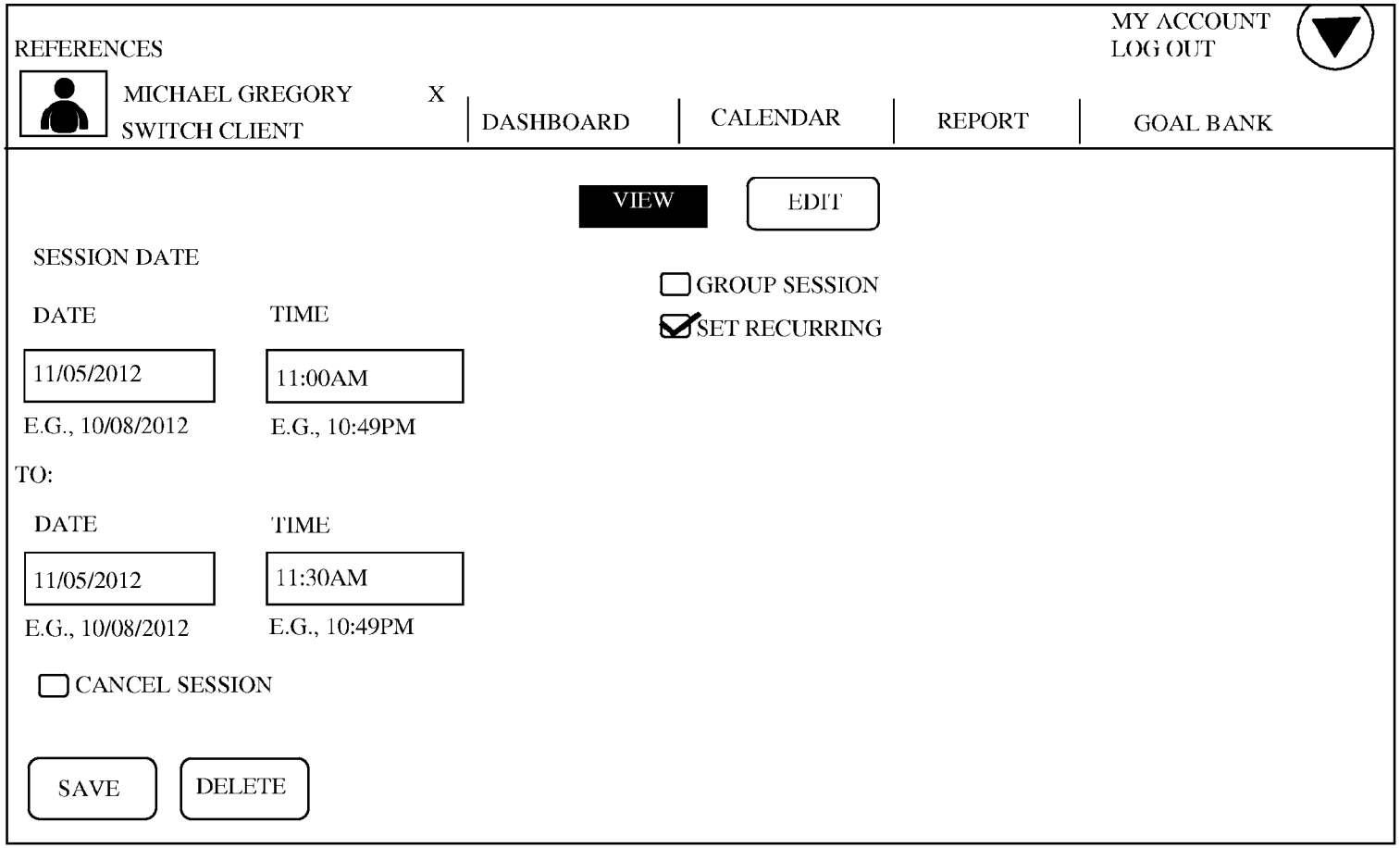

REFERENCES
MY ACCOUNT
LOG OUT
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
VIEW
EDIT
SESSION DATE
GROUP SESSION
SET RECURRING
DATE
TIME
11/05/2012
11:00AM
E.G., 10/08/2012
E.G., 10:49PM
TO:
DATE
TIME
11/05/2012
11:30AM
E.G., 10/08/2012
E.G., 10:49PM
CANCEL SESSION
SAVE
DELETE

FIG. 6O

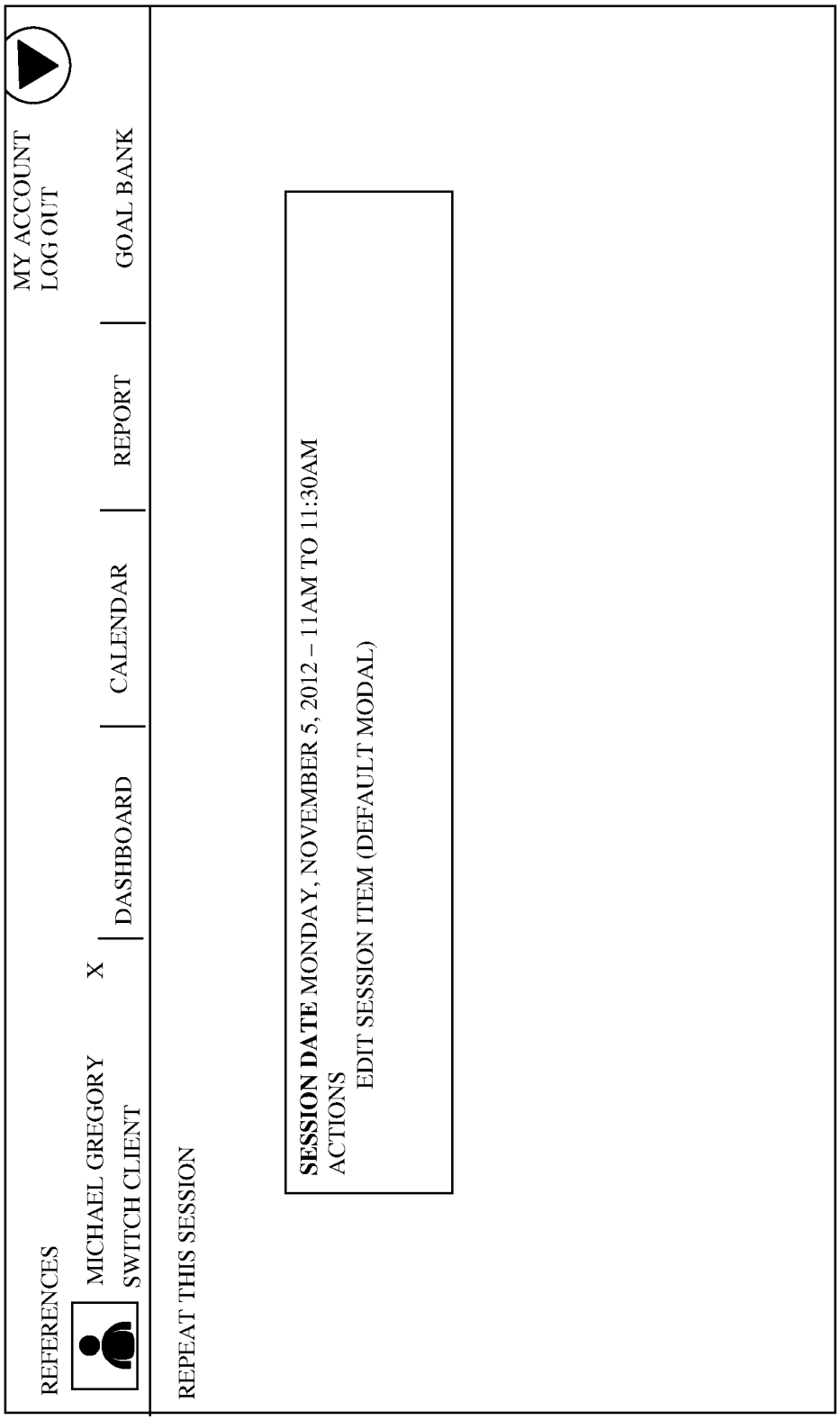

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
REPEAT THIS SESSION
SESSION DATE MONDAY, NOVEMBER 5, 2012 – 11AM TO 11:30AM
ACTIONS
EDIT SESSION ITEM (DEFAULT MODAL)

FIG. 6P

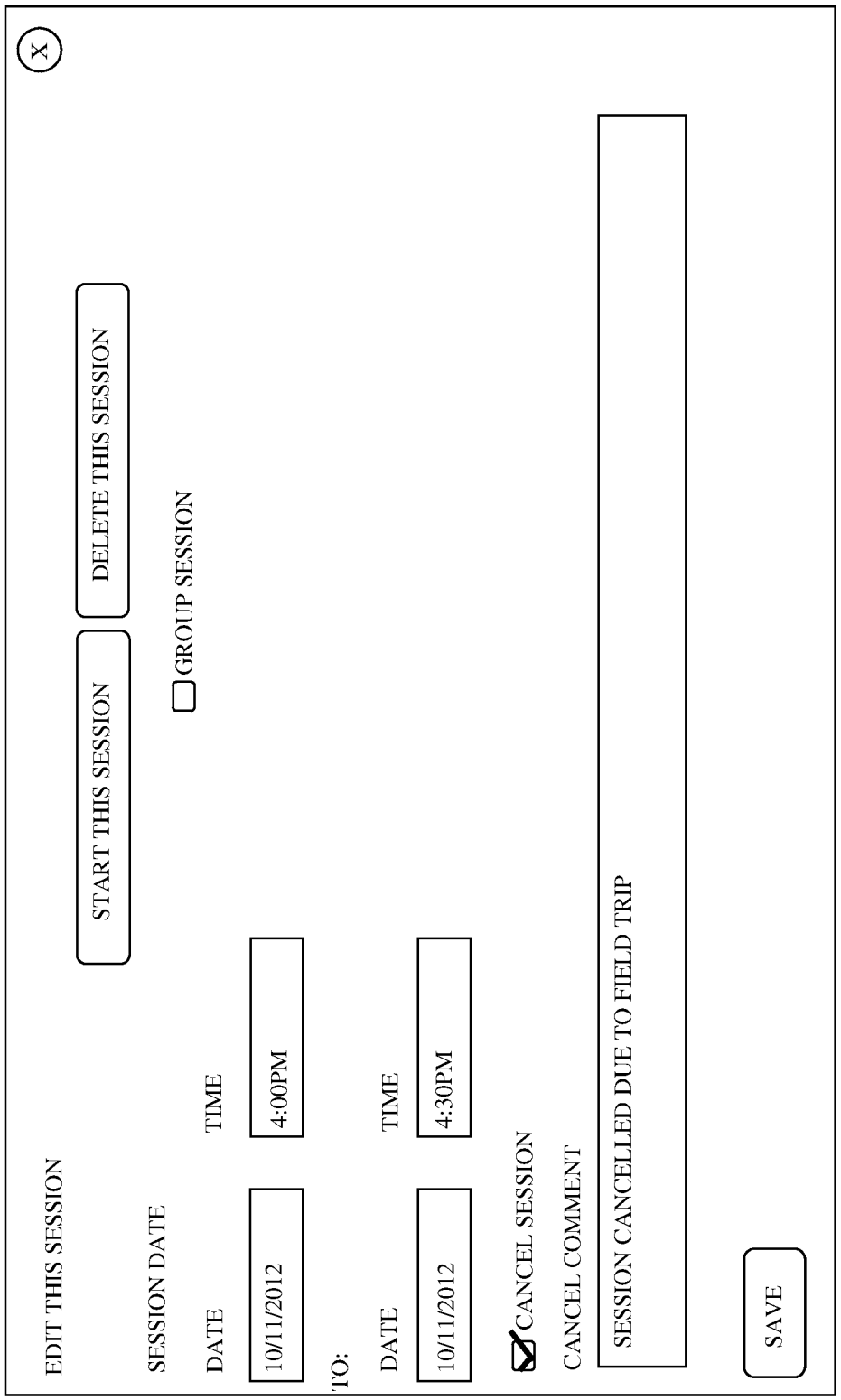

EDIT THIS SESSION
X
START THIS SESSION
DELETE THIS SESSION
SESSION DATE
GROUP SESSION
DATE
TIME
10/11/2012
4:00PM
TO:
DATE
TIME
10/11/2012
4:30PM
CANCEL SESSION
CANCEL COMMENT
SESSION CANCELLED DUE TO FIELD TRIP
SAVE

FIG. 6Q

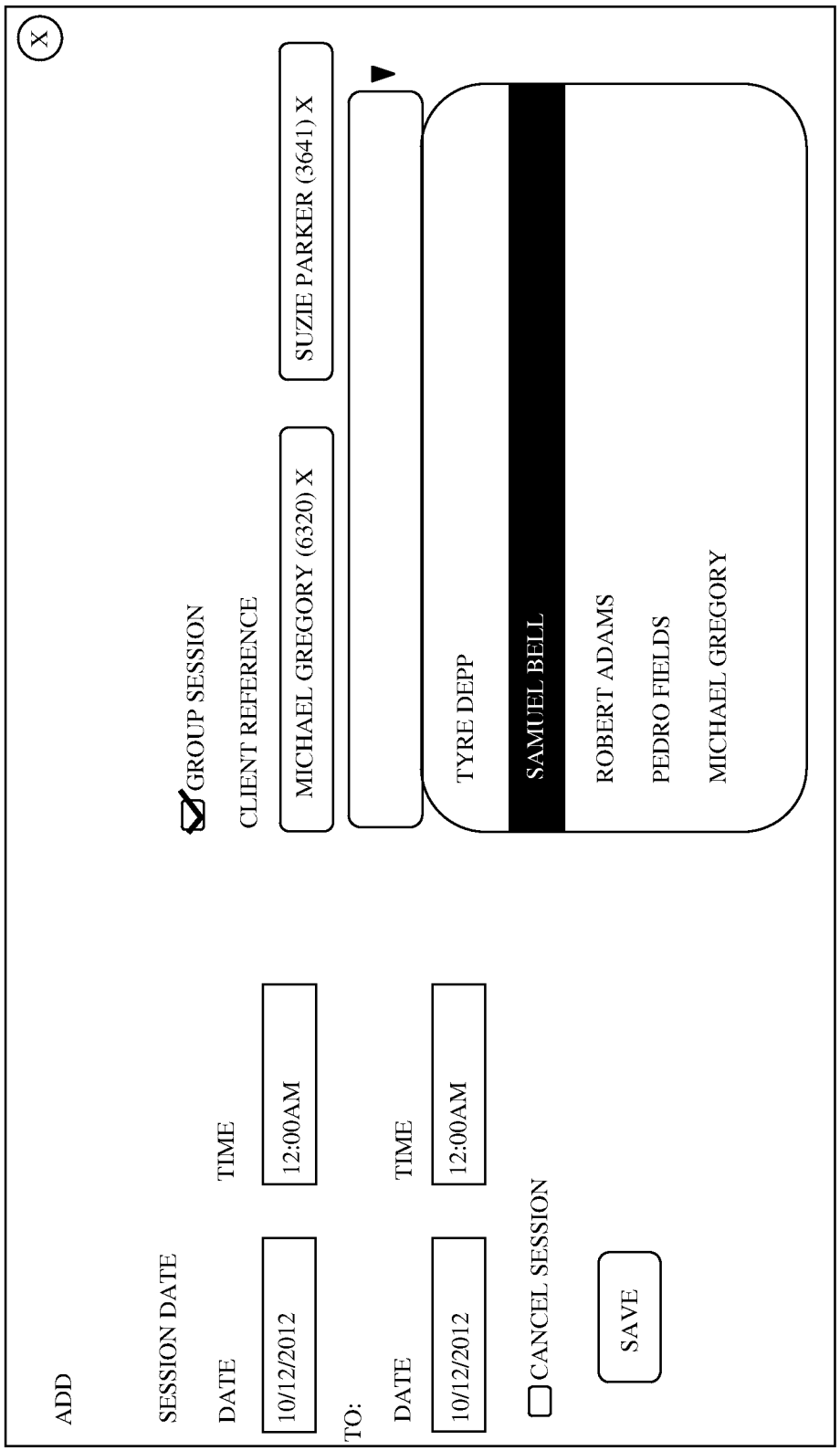

X
ADD
SESSION DATE
DATE
TIME
10/12/2012
12:00AM
TO:
DATE
TIME
10/12/2012
12:00AM
CANCEL SESSION
SAVE
GROUP SESSION
CLIENT REFERENCE
MICHAEL GREGORY (6320) X
SUZIE PARKER (3641) X
TYRE DEPP
SAMUEL BELL
ROBERT ADAMS
PEDRO FIELDS
MICHAEL GREGORY

FIG. 6R

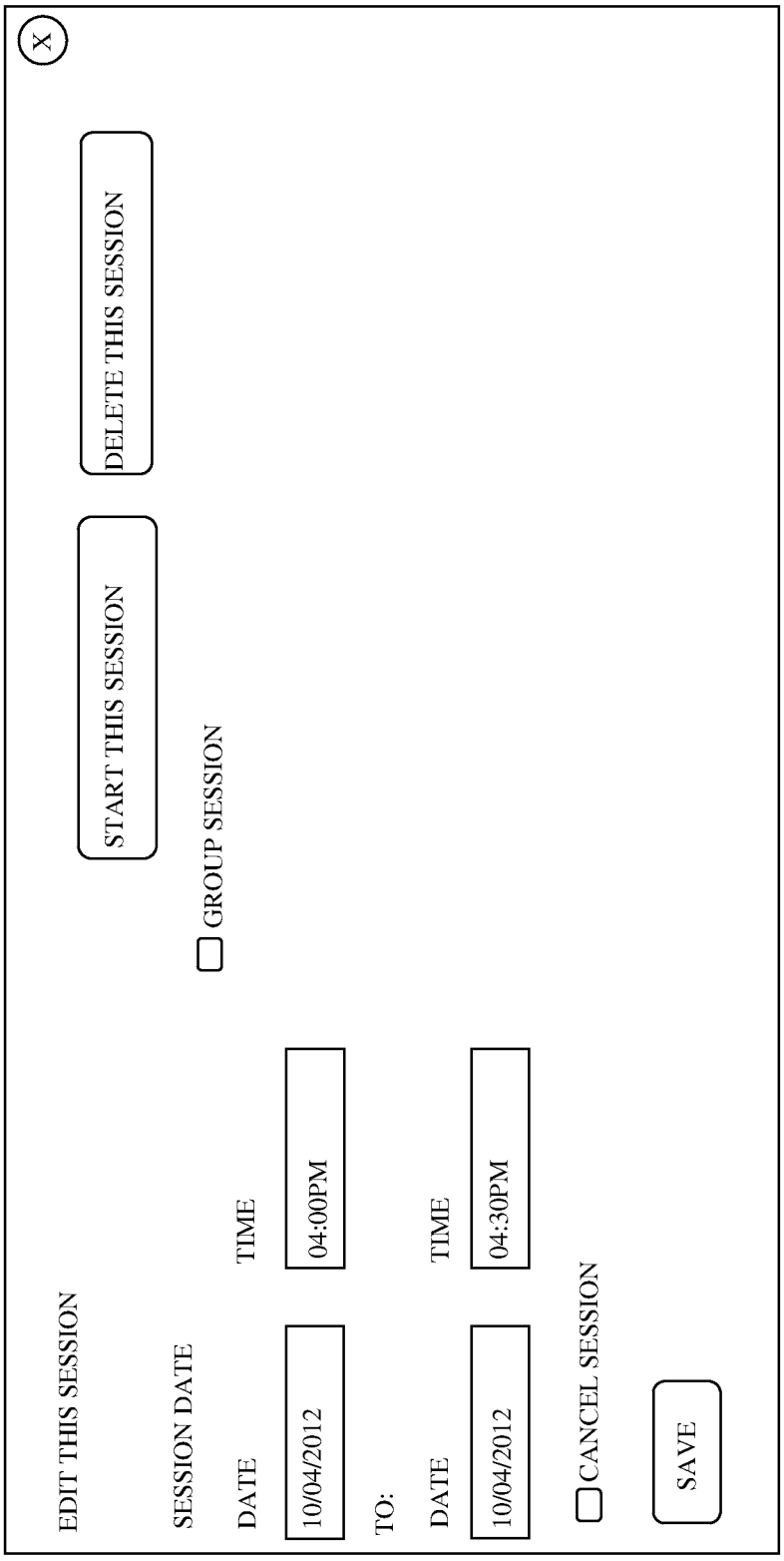

X
START THIS SESSION
DELETE THIS SESSION
EDIT THIS SESSION
GROUP SESSION
SESSION DATE
DATE
TIME
10/04/2012
04:00PM
TO:
DATE
TIME
10/04/2012
04:30PM
CANCEL SESSION
SAVE

FIG. 6S

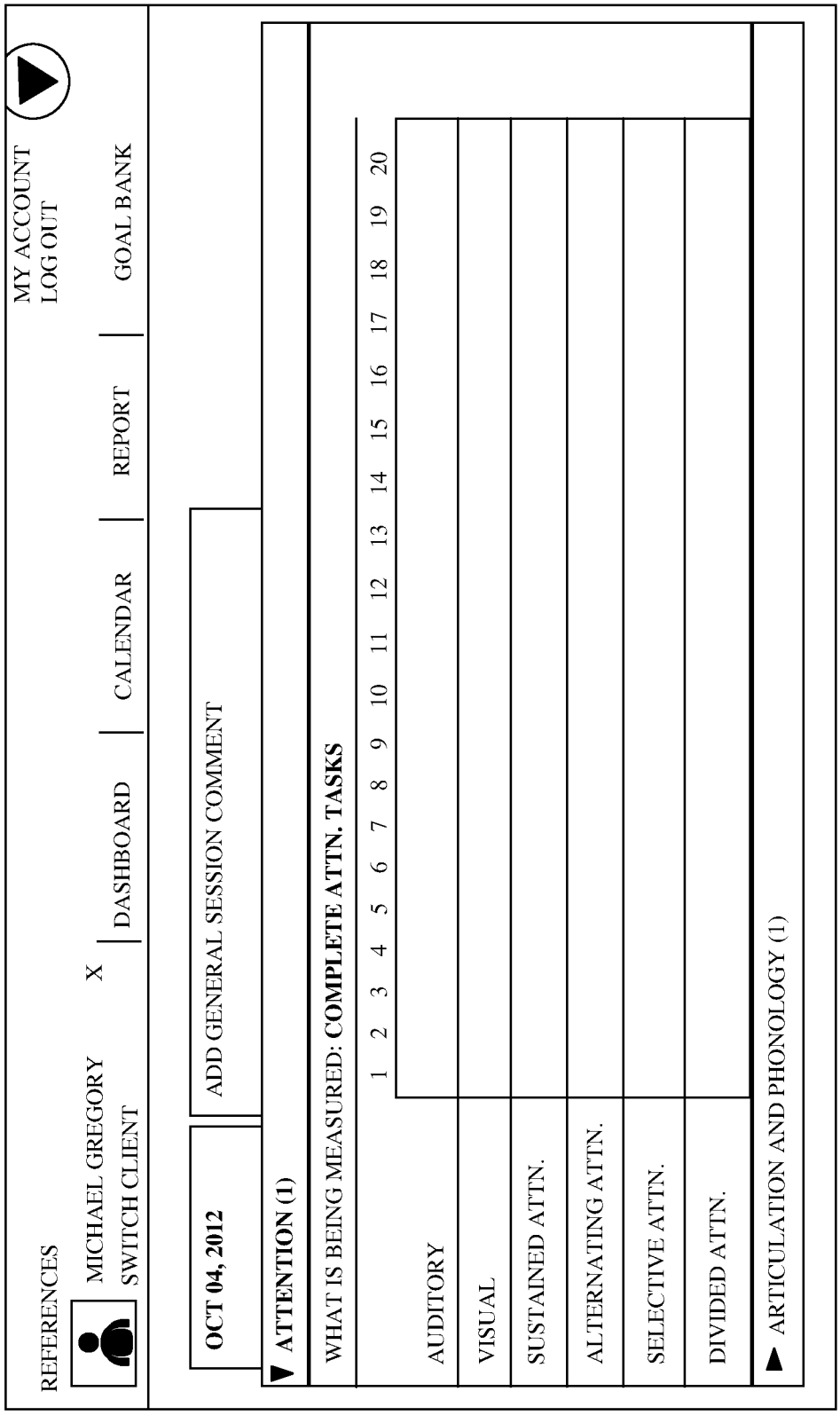

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
OCT 04, 2012
ADD GENERAL SESSION COMMENT
▼ ATTENTION (1)
WHAT IS BEING MEASURED: COMPLETE ATTN. TASKS
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
AUDITORY
VISUAL
SUSTAINED ATTN.
ALTERNATING ATTN.
SELECTIVE ATTN.
DIVIDED ATTN.
▲ ARTICULATION AND PHONOLOGY (1)

FIG. 7A

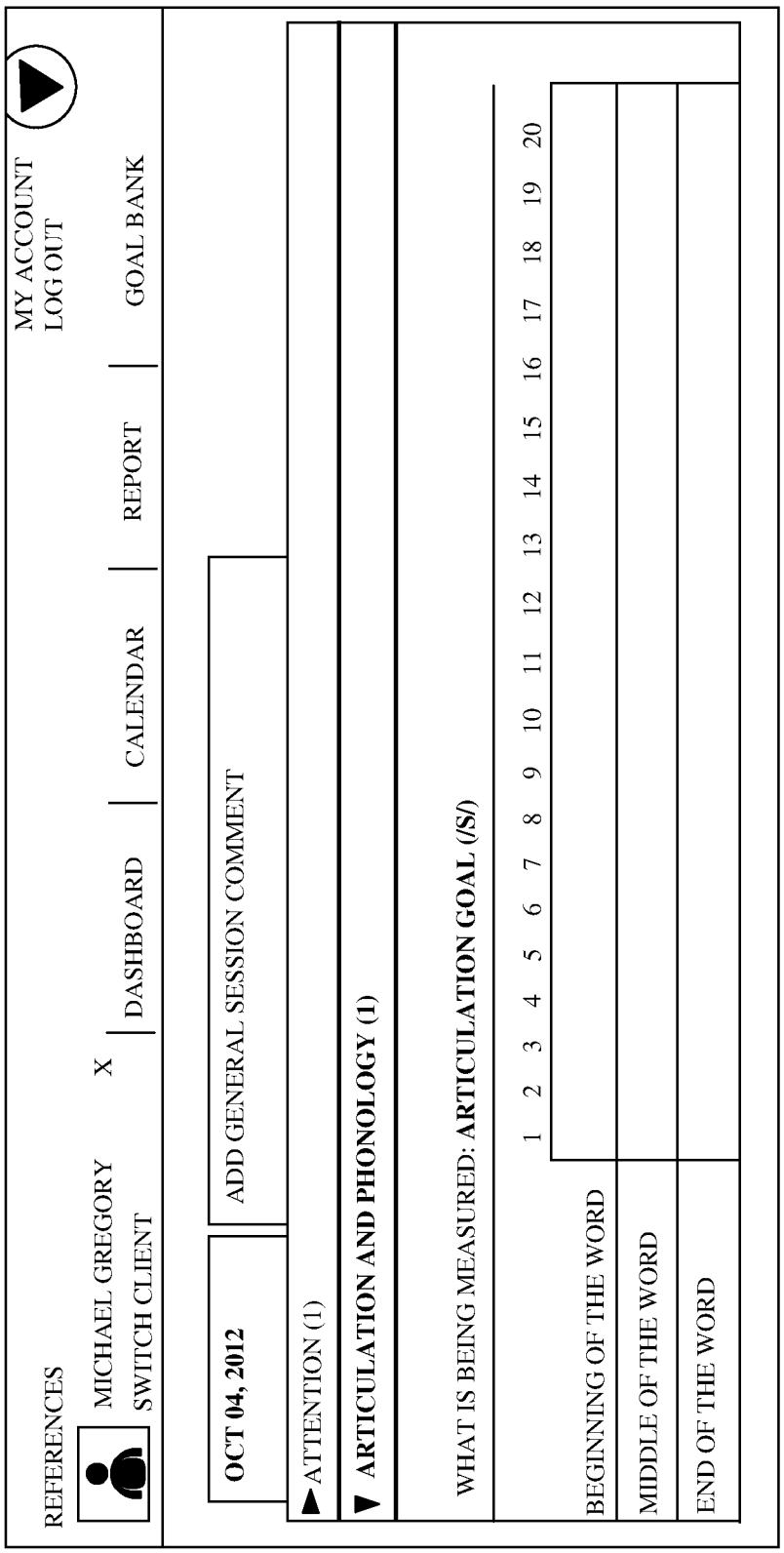

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
OCT 04, 2012
ADD GENERAL SESSION COMMENT
ATTENTION (1)
ARTICULATION AND PHONOLOGY (1)
WHAT IS BEING MEASURED: ARTICULATION GOAL (/S/)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
BEGINNING OF THE WORD
MIDDLE OF THE WORD
END OF THE WORD

FIG. 7B

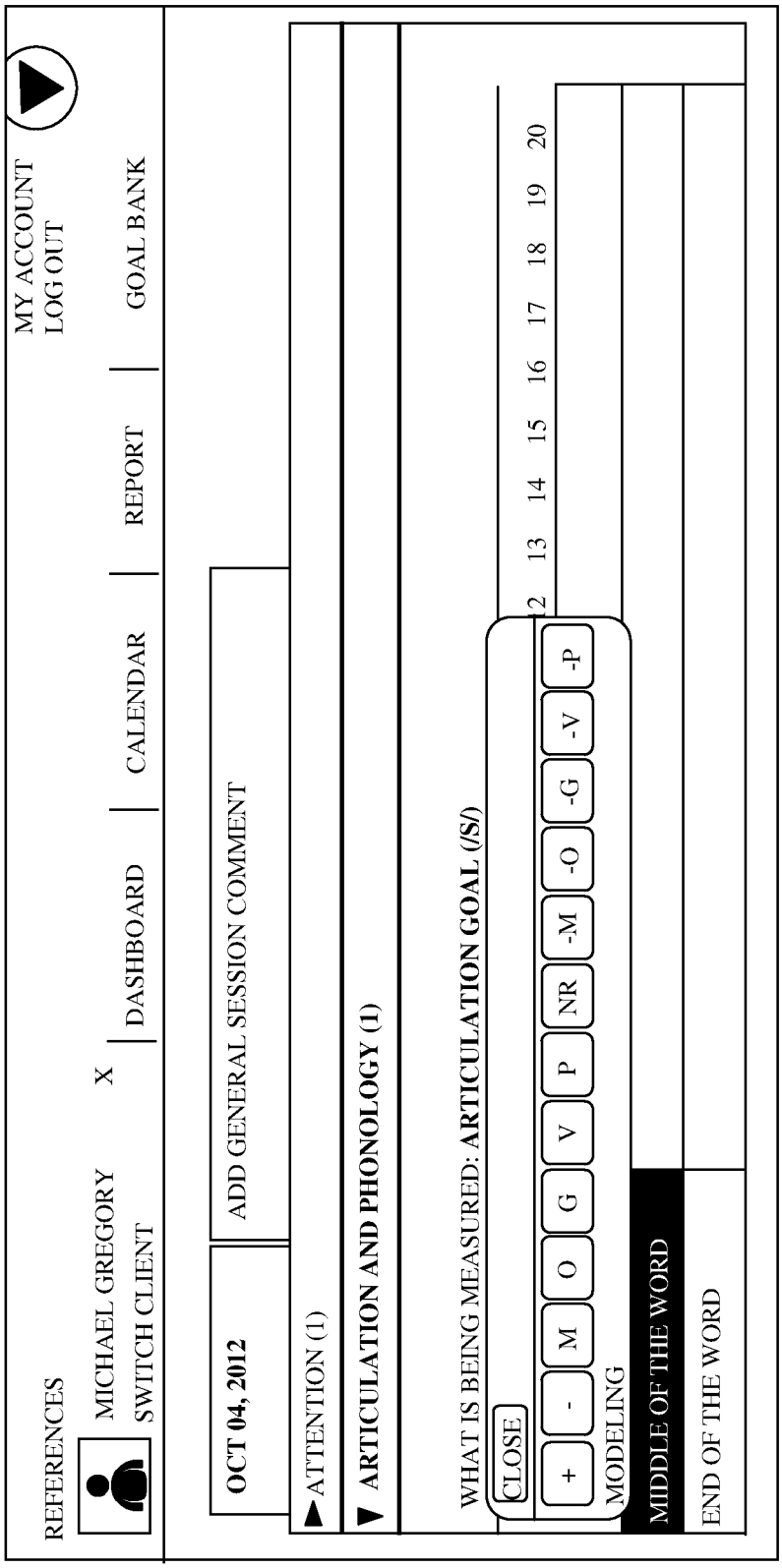
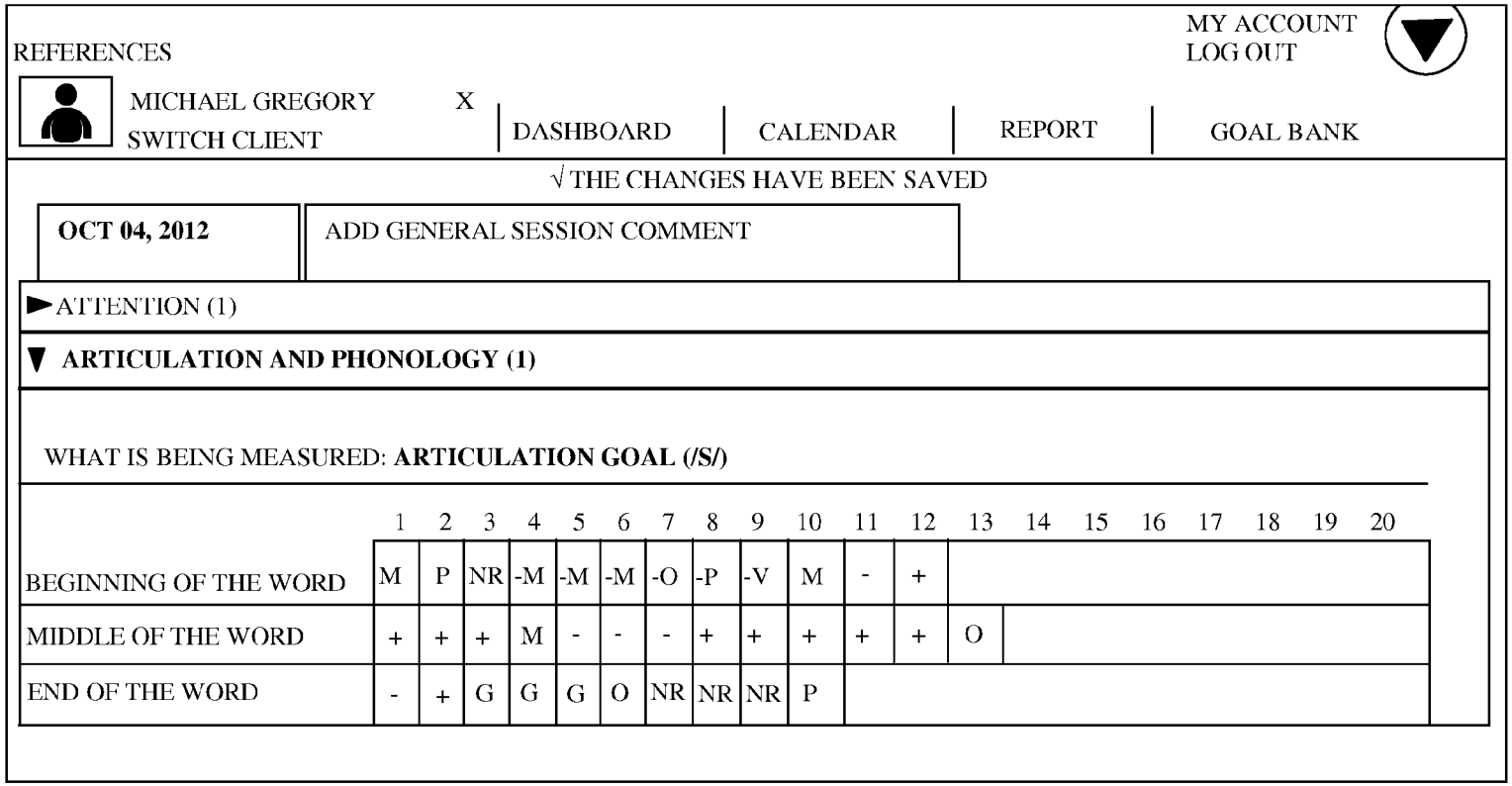

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
OCT 04, 2012
ADD GENERAL SESSION COMMENT
ATTENTION (1)
ARTICULATION AND PHONOLOGY (1)
WHAT IS BEING MEASURED: ARTICULATION GOAL (/S/)
CLOSE
+
-
M
O
G
V
P
NR
-M
-O
-G
-V
-P
1 2 13 14 15 16 17 18 19 20
MODELING
MIDDLE OF THE WORD
END OF THE WORD

FIG. 7C



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BEGINNING OF THE WORD	M	P	NR	-M	-M	-M	-O	-P	-V	M	-	+								
MIDDLE OF THE WORD	+	+	+	M	-	-	-	+	+	+	+	+	O							
END OF THE WORD	-	+	G	G	G	O	NR	NR	NR	P										

FIG. 7D

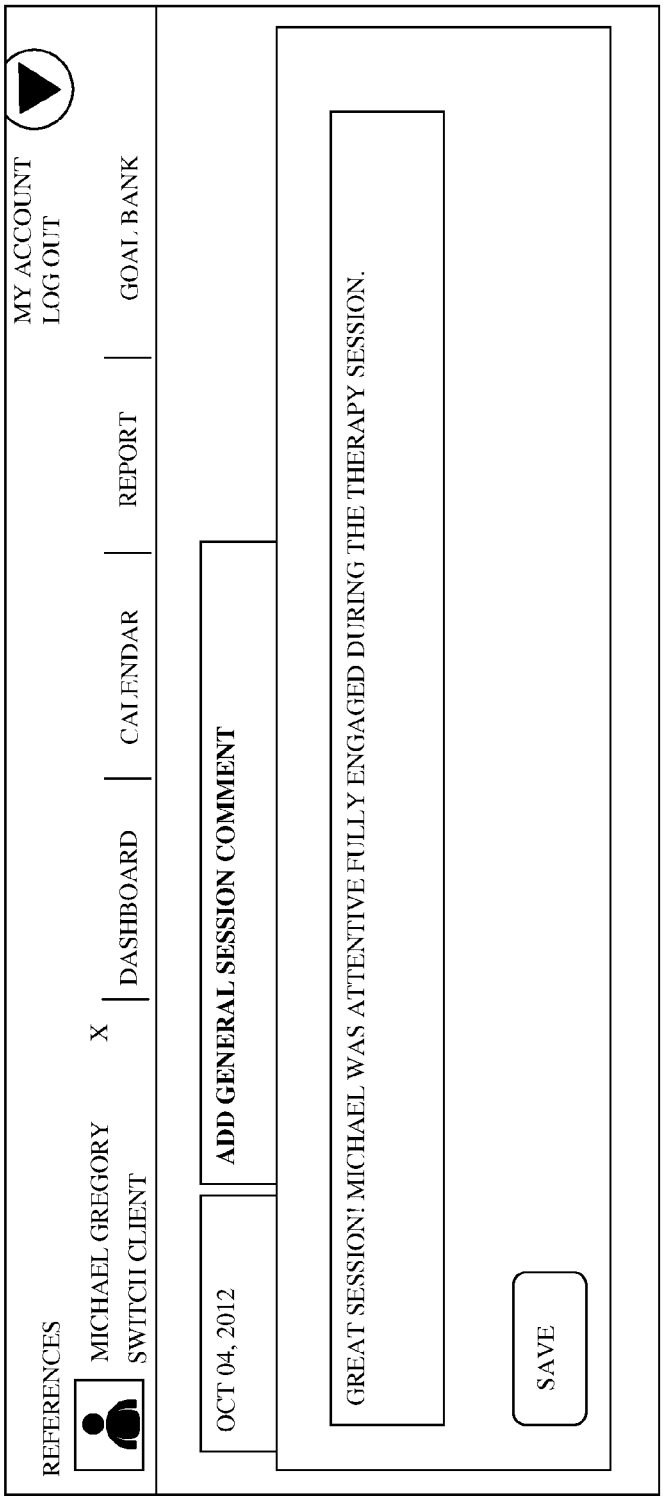

REFERENCES
MICHAEL GREGORY
SWITCII CLIENT
X
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT
LOG OUT
OCT 04, 2012
ADD GENERAL SESSION COMMENT
GREAT SESSION! MICHAEL WAS ATTENTIVE FULLY ENGAGED DURING THE THERAPY SESSION.
SAVE

FIG. 7E

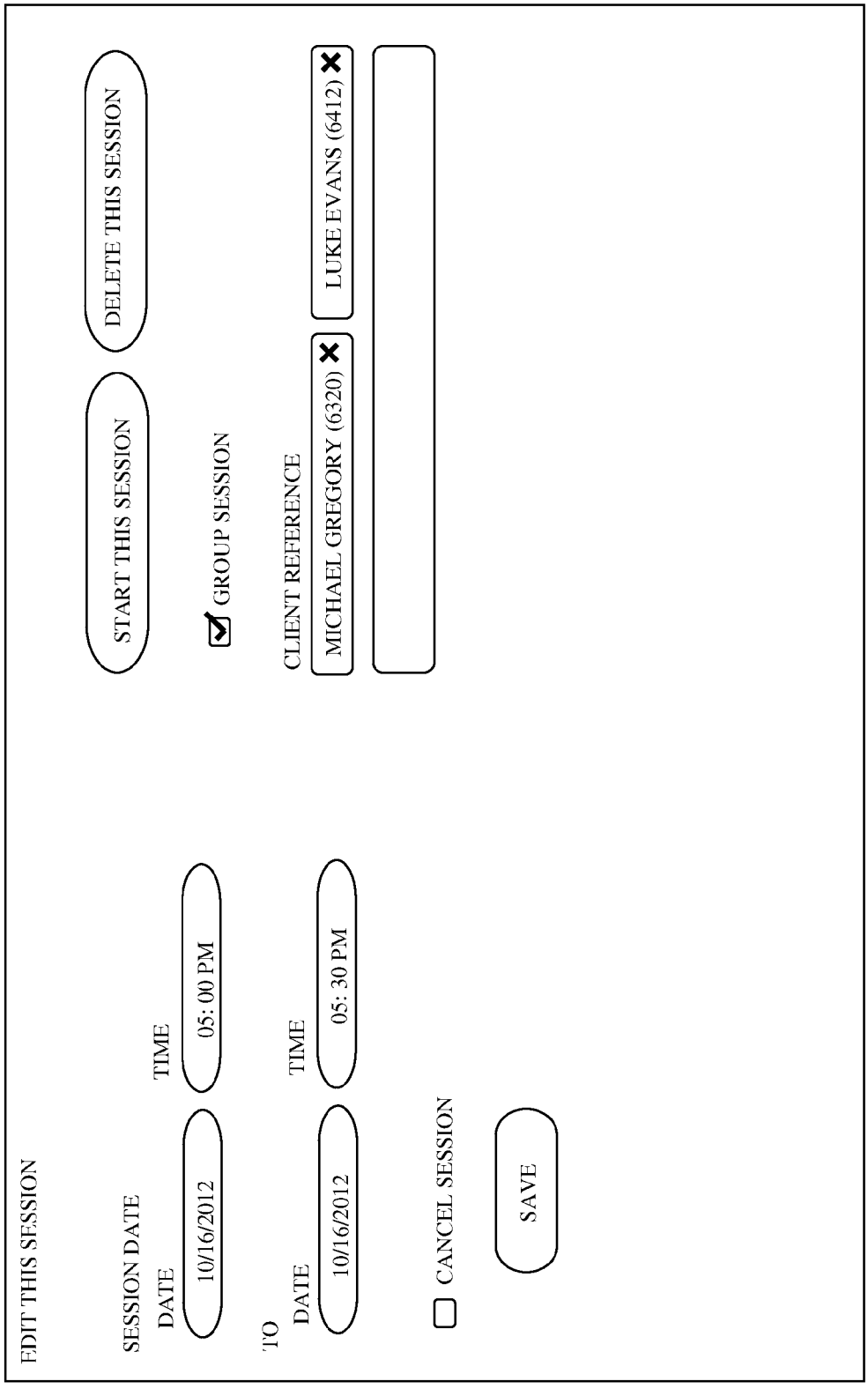

EDIT THIS SESSION
START THIS SESSION
DELETE THIS SESSION
SESSION DATE
DATE
10/16/2012
TIME
05: 00 PM
GROUP SESSION
TO
DATE
10/16/2012
TIME
05: 30 PM
CLIENT REFERENCE
MICHAEL GREGORY (6320)
LUKE EVANS (6412)
CANCEL SESSION
SAVE

FIG. 7F

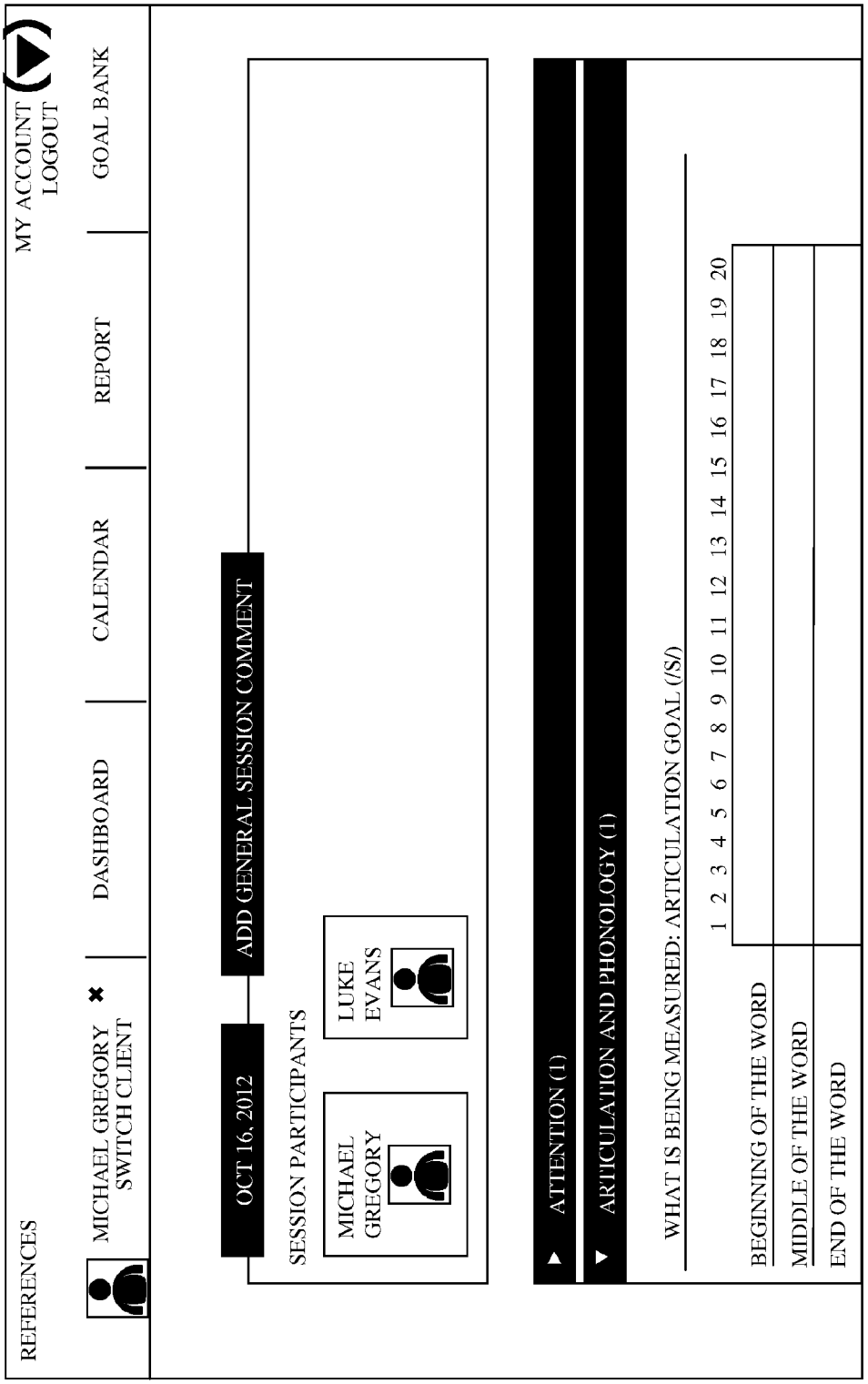

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
MY ACCOUNT
LOGOUT
GOAL BANK
OCT 16, 2012
ADD GENERAL SESSION COMMENT
SESSION PARTICIPANTS
MICHAEL GREGORY
LUKE EVANS
ATTENTION (1)
ARTICULATION AND PHONOLOGY (1)
WHAT IS BEING MEASURED: ARTICULATION GOAL (/S/)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
BEGINNING OF THE WORD
MIDDLE OF THE WORD
END OF THE WORD

FIG. 7G

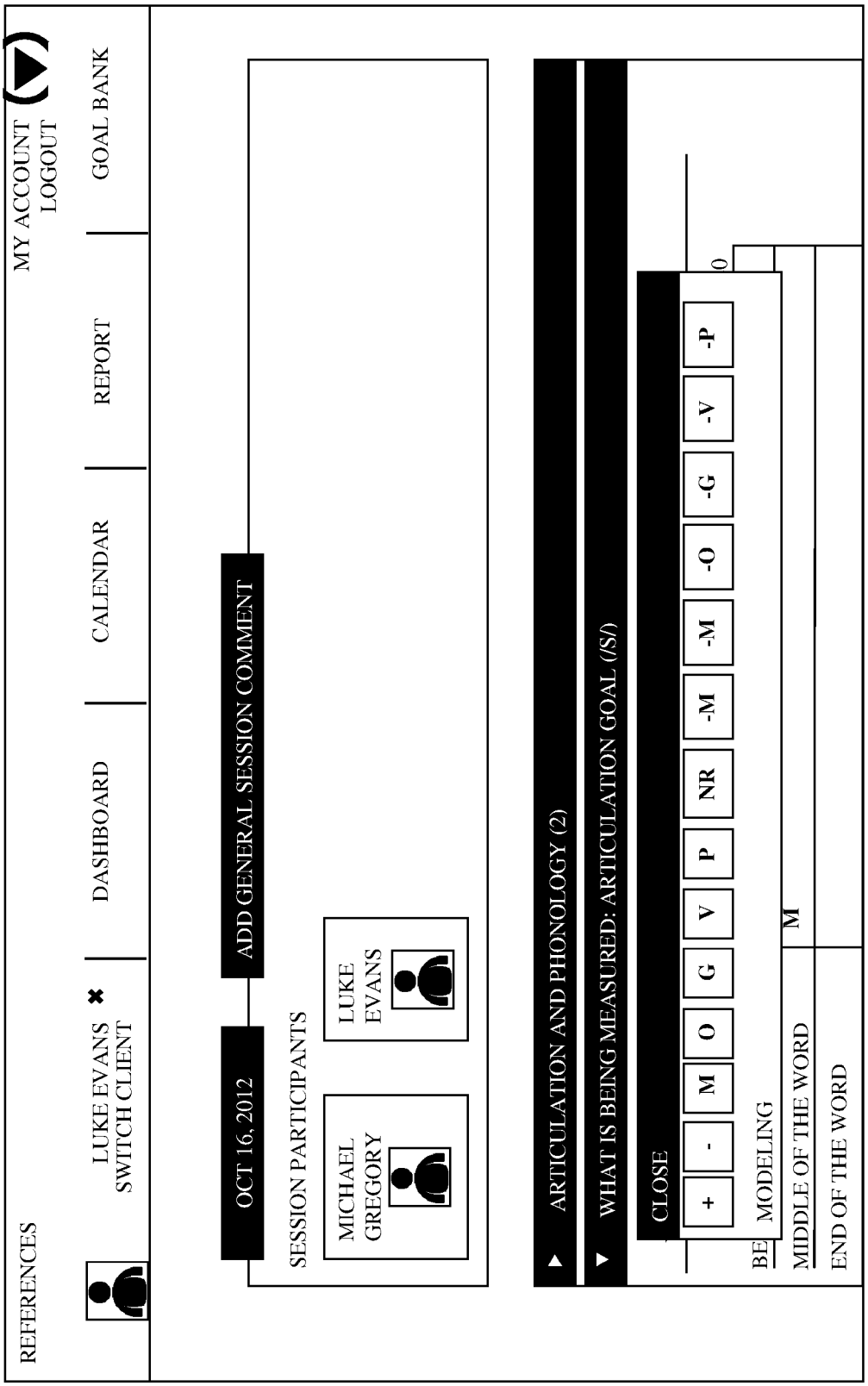

REFERENCES
MY ACCOUNT
LOGOUT
LUKE EVANS
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
OCT 16, 2012
ADD GENERAL SESSION COMMENT
SESSION PARTICIPANTS
MICHAEL GREGORY
LUKE EVANS
ARTICULATION AND PHONOLOGY (2)
WHAT IS BEING MEASURED: ARTICULATION GOAL (/S/)
CLOSE
+
-
M
O
G
V
P
NR
-M
-M
-O
-G
-V
-P
0
BE
MODELING
MIDDLE OF THE WORD
M
END OF THE WORD

FIG. 7H

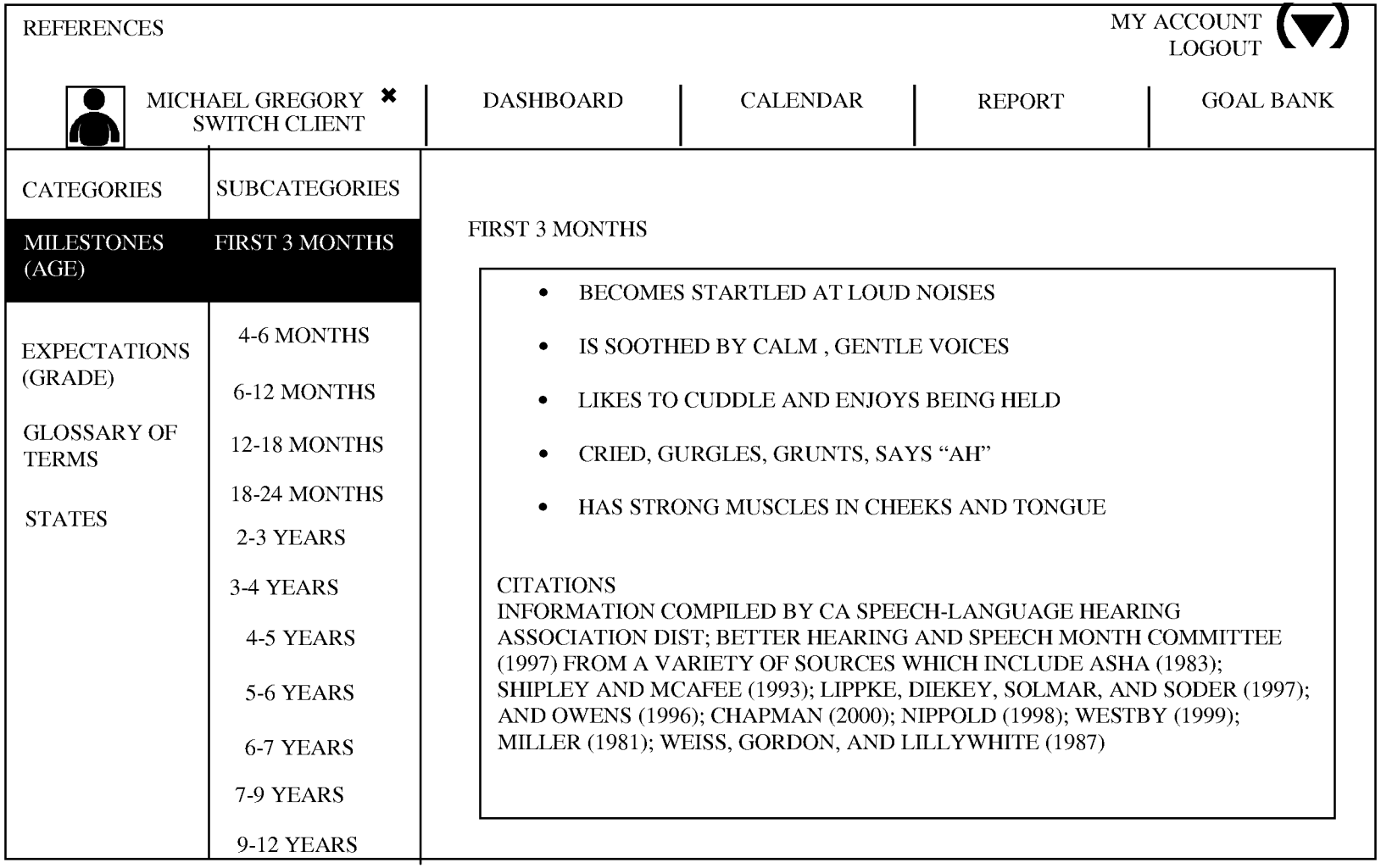

REFERENCES
MY ACCOUNT
LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
CATEGORIES
SUBCATEGORIES
MILESTONES (AGE)
FIRST 3 MONTHS
EXPECTATIONS (GRADE)
GLOSSARY OF TERMS
STATES
4-6 MONTHS
6-12 MONTHS
12-18 MONTHS
18-24 MONTHS
2-3 YEARS
3-4 YEARS
4-5 YEARS
5-6 YEARS
6-7 YEARS
7-9 YEARS
9-12 YEARS
FIRST 3 MONTHS
• BECOMES STARTLED AT LOUD NOISES
• IS SOOTHED BY CALM , GENTLE VOICES
• LIKES TO CUDDLE AND ENJOYS BEING HELD
• CRIED, GURGLES, GRUNTS, SAYS "AH"
• HAS STRONG MUSCLES IN CHEEKS AND TONGUE
CITATIONS
INFORMATION COMPILED BY CA SPEECH-LANGUAGE HEARING ASSOCIATION DIST; BETTER HEARING AND SPEECH MONTH COMMITTEE (1997) FROM A VARIETY OF SOURCES WHICH INCLUDE ASHA (1983); SHIPLEY AND MCAFEE (1993); LIPPKE, DIEKEY, SOLMAR, AND SODER (1997); AND OWENS (1996); CHAPMAN (2000); NIPPOLD (1998); WESTBY (1999); MILLER (1981); WEISS, GORDON, AND LILLYWHITE (1987)

FIG. 8A

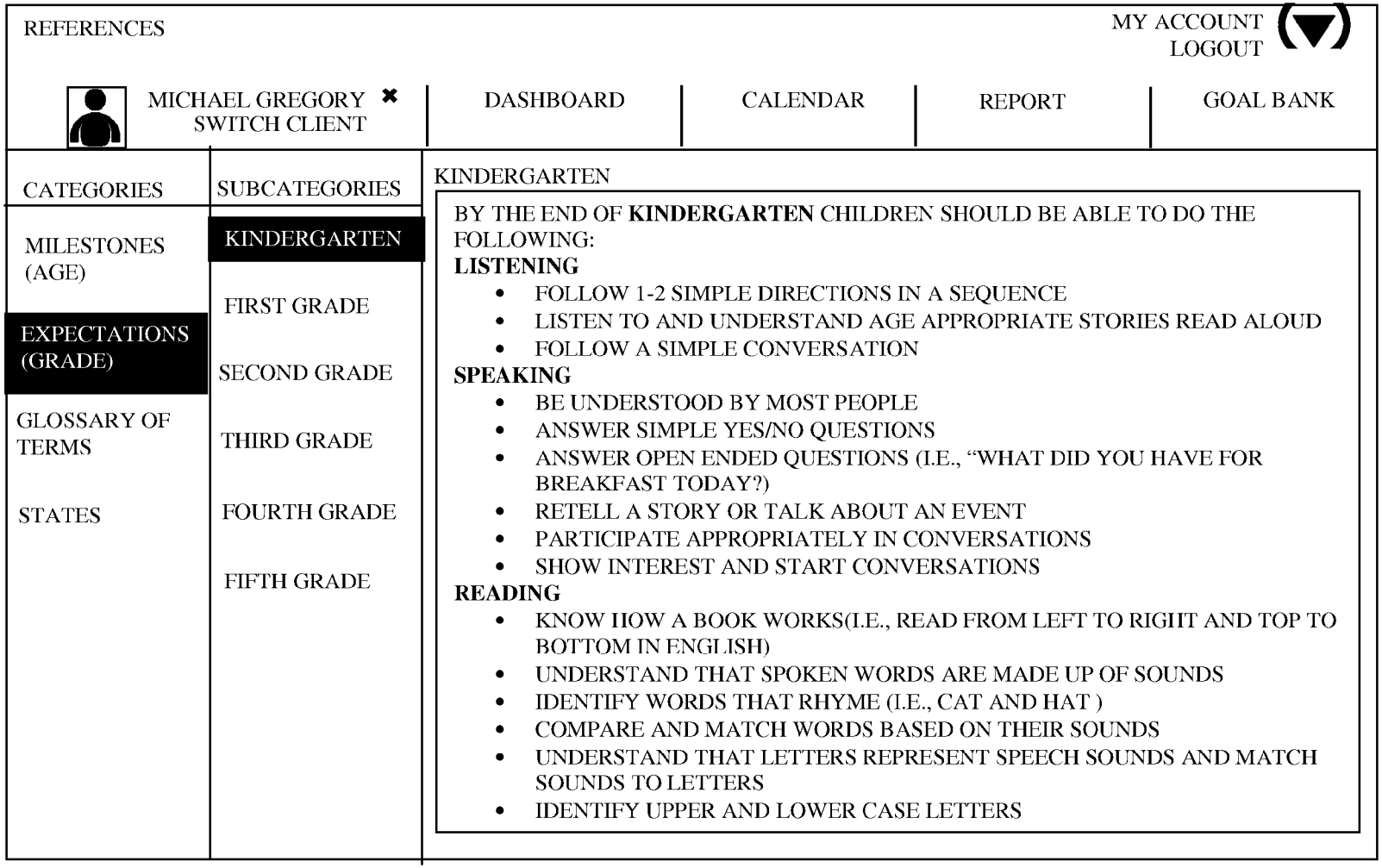

REFERENCES
MY ACCOUNT
LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
CATEGORIES
SUBCATEGORIES
MILESTONES (AGE)
EXPECTATIONS (GRADE)
GLOSSARY OF TERMS
STATES
KINDERGARTEN
FIRST GRADE
SECOND GRADE
THIRD GRADE
FOURTH GRADE
FIFTH GRADE
KINDERGARTEN
BY THE END OF **KINDERGARTEN** CHILDREN SHOULD BE ABLE TO DO THE FOLLOWING:
LISTENING
• FOLLOW 1-2 SIMPLE DIRECTIONS IN A SEQUENCE
• LISTEN TO AND UNDERSTAND AGE APPROPRIATE STORIES READ ALOUD
• FOLLOW A SIMPLE CONVERSATION
SPEAKING
• BE UNDERSTOOD BY MOST PEOPLE
• ANSWER SIMPLE YES/NO QUESTIONS
• ANSWER OPEN ENDED QUESTIONS (I.E., "WHAT DID YOU HAVE FOR BREAKFAST TODAY?)
• RETELL A STORY OR TALK ABOUT AN EVENT
• PARTICIPATE APPROPRIATELY IN CONVERSATIONS
• SHOW INTEREST AND START CONVERSATIONS
READING
• KNOW HOW A BOOK WORKS(I.E., READ FROM LEFT TO RIGHT AND TOP TO BOTTOM IN ENGLISH)
• UNDERSTAND THAT SPOKEN WORDS ARE MADE UP OF SOUNDS
• IDENTIFY WORDS THAT RHYME (I.E., CAT AND HAT)
• COMPARE AND MATCH WORDS BASED ON THEIR SOUNDS
• UNDERSTAND THAT LETTERS REPRESENT SPEECH SOUNDS AND MATCH SOUNDS TO LETTERS
• IDENTIFY UPPER AND LOWER CASE LETTERS

FIG. 8B

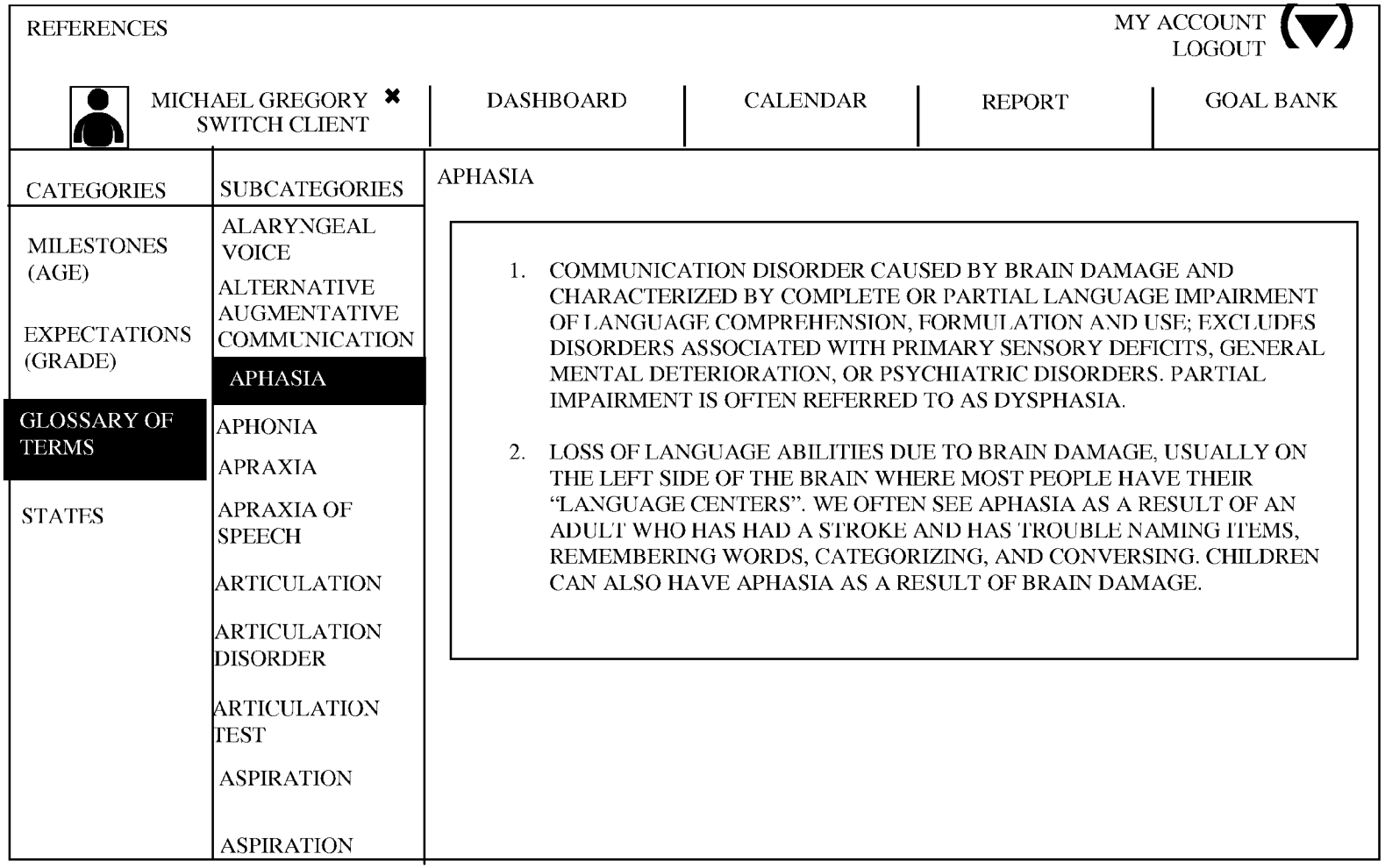

REFERENCES
MY ACCOUNT
LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
CATEGORIES
MILESTONES (AGE)
EXPECTATIONS (GRADE)
GLOSSARY OF TERMS
STATES
SUBCATEGORIES
ALARYNGEAL VOICE
ALTERNATIVE AUGMENTATIVE COMMUNICATION
APHASIA
APHONIA
APRAXIA
APRAXIA OF SPEECH
ARTICULATION
ARTICULATION DISORDER
ARTICULATION TEST
ASPIRATION
ASPIRATION
APHASIA
1. COMMUNICATION DISORDER CAUSED BY BRAIN DAMAGE AND CHARACTERIZED BY COMPLETE OR PARTIAL LANGUAGE IMPAIRMENT OF LANGUAGE COMPREHENSION, FORMULATION AND USE; EXCLUDES DISORDERS ASSOCIATED WITH PRIMARY SENSORY DEFICITS, GENERAL MENTAL DETERIORATION, OR PSYCHIATRIC DISORDERS. PARTIAL IMPAIRMENT IS OFTEN REFERRED TO AS DYSPHASIA.
2. LOSS OF LANGUAGE ABILITIES DUE TO BRAIN DAMAGE, USUALLY ON THE LEFT SIDE OF THE BRAIN WHERE MOST PEOPLE HAVE THEIR "LANGUAGE CENTERS". WE OFTEN SEE APHASIA AS A RESULT OF AN ADULT WHO HAS HAD A STROKE AND HAS TROUBLE NAMING ITEMS, REMEMBERING WORDS, CATEGORIZING, AND CONVERSING. CHILDREN CAN ALSO HAVE APHASIA AS A RESULT OF BRAIN DAMAGE.

FIG. 8C

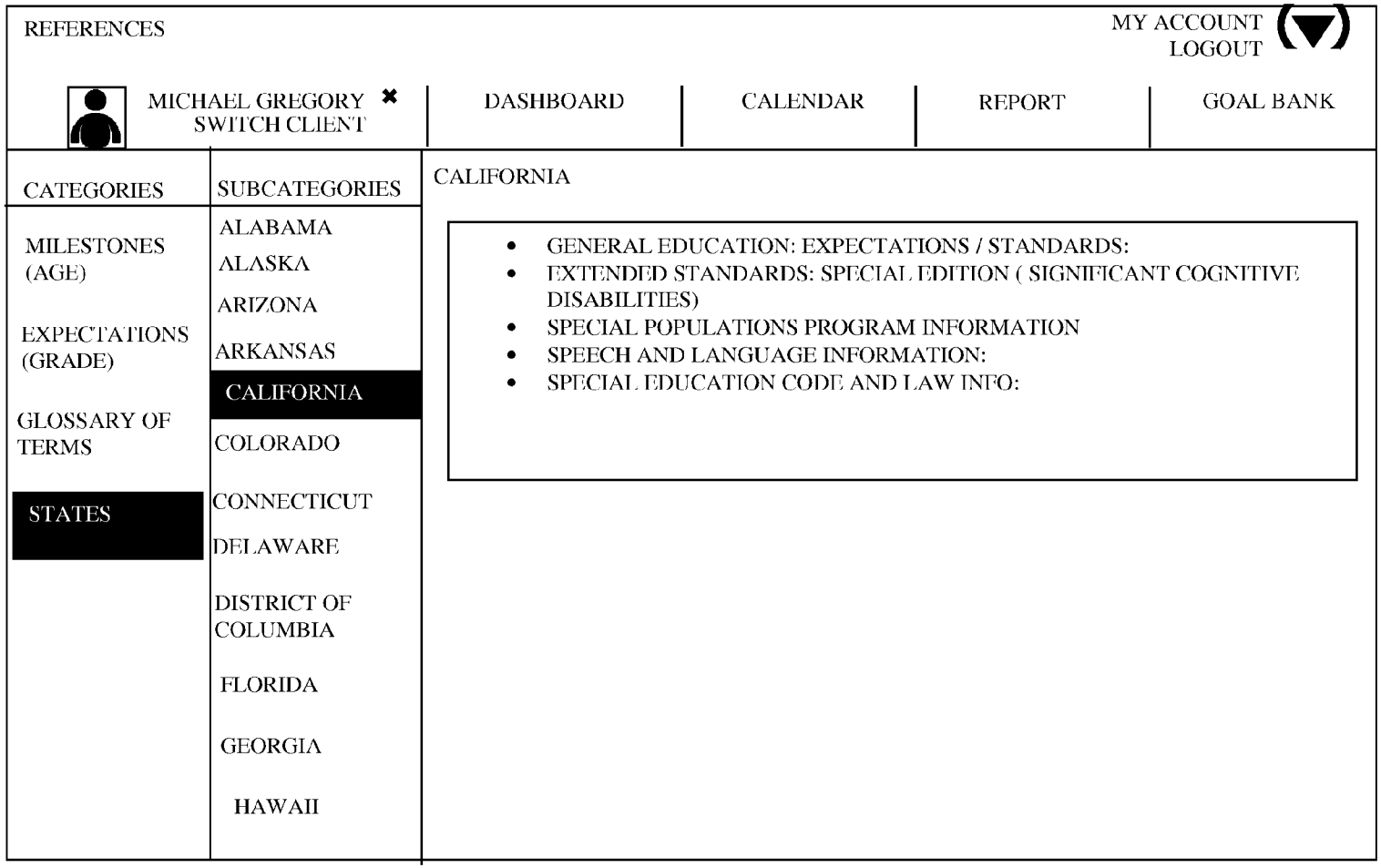

REFERENCES
MY ACCOUNT
LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
CATEGORIES
SUBCATEGORIES
MILESTONES (AGE)
EXPECTATIONS (GRADE)
GLOSSARY OF TERMS
STATES
ALABAMA
ALASKA
ARIZONA
ARKANSAS
CALIFORNIA
COLORADO
CONNECTICUT
DELAWARE
DISTRICT OF COLUMBIA
FLORIDA
GEORGIA
HAWAII
CALIFORNIA
GENERAL EDUCATION: EXPECTATIONS / STANDARDS:
EXTENDED STANDARDS: SPECIAL EDITION (SIGNIFICANT COGNITIVE DISABILITIES)
SPECIAL POPULATIONS PROGRAM INFORMATION
SPEECH AND LANGUAGE INFORMATION:
SPECIAL EDUCATION CODE AND LAW INFO:

FIG. 8D

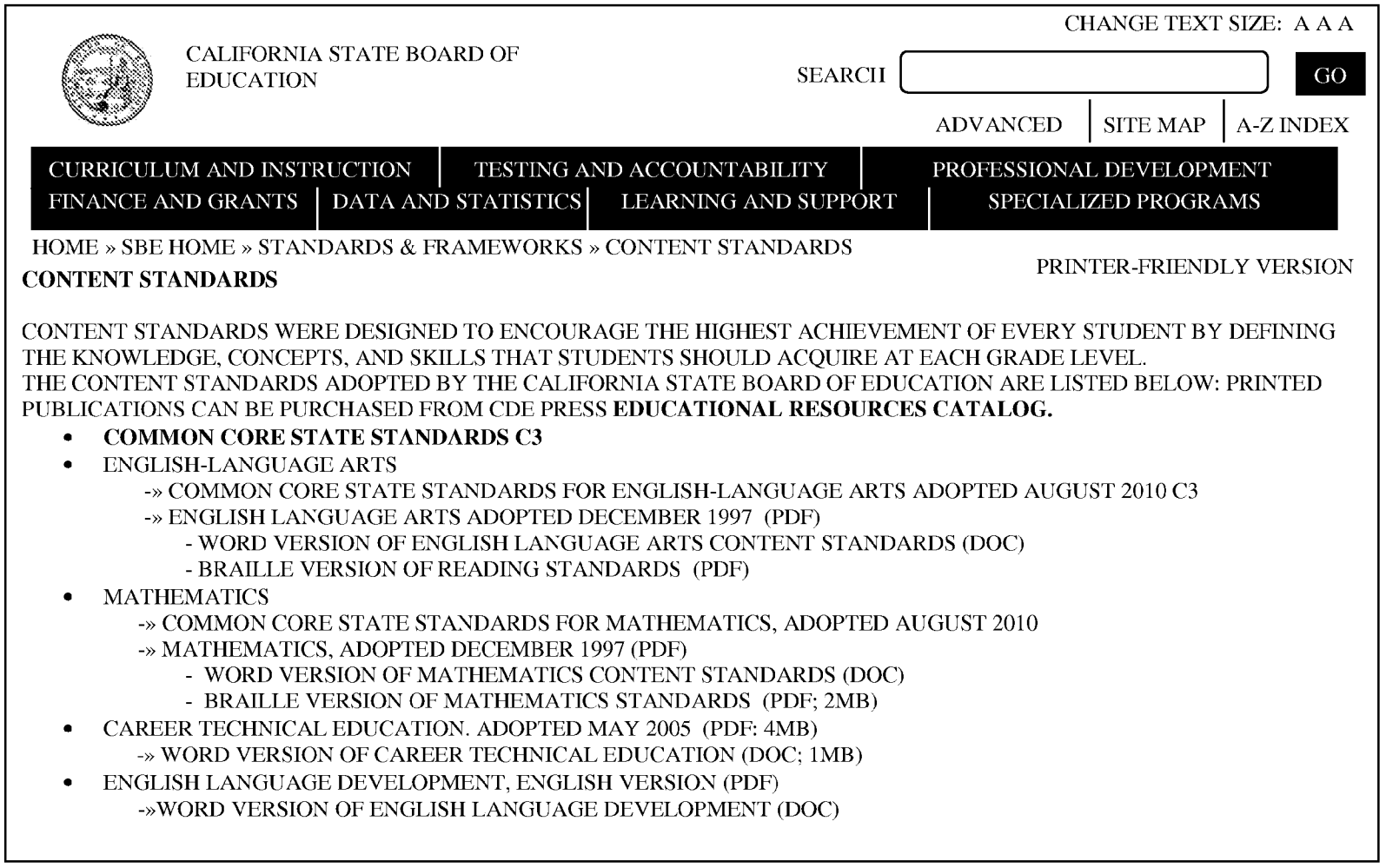

CHANGE TEXT SIZE: A A A
CALIFORNIA STATE BOARD OF EDUCATION
SEARCH
GO
ADVANCED
SITE MAP
A-Z INDEX
CURRICULUM AND INSTRUCTION
TESTING AND ACCOUNTABILITY
PROFESSIONAL DEVELOPMENT
FINANCE AND GRANTS
DATA AND STATISTICS
LEARNING AND SUPPORT
SPECIALIZED PROGRAMS
HOME » SBE HOME » STANDARDS & FRAMEWORKS » CONTENT STANDARDS
PRINTER-FRIENDLY VERSION
CONTENT STANDARDS
CONTENT STANDARDS WERE DESIGNED TO ENCOURAGE THE HIGHEST ACHIEVEMENT OF EVERY STUDENT BY DEFINING THE KNOWLEDGE, CONCEPTS, AND SKILLS THAT STUDENTS SHOULD ACQUIRE AT EACH GRADE LEVEL.
THE CONTENT STANDARDS ADOPTED BY THE CALIFORNIA STATE BOARD OF EDUCATION ARE LISTED BELOW: PRINTED PUBLICATIONS CAN BE PURCHASED FROM CDE PRESS EDUCATIONAL RESOURCES CATALOG.
• COMMON CORE STATE STANDARDS C3
• ENGLISH-LANGUAGE ARTS
-» COMMON CORE STATE STANDARDS FOR ENGLISH-LANGUAGE ARTS ADOPTED AUGUST 2010 C3
-» ENGLISH LANGUAGE ARTS ADOPTED DECEMBER 1997 (PDF)
- WORD VERSION OF ENGLISH LANGUAGE ARTS CONTENT STANDARDS (DOC)
- BRAILLE VERSION OF READING STANDARDS (PDF)
• MATHEMATICS
-» COMMON CORE STATE STANDARDS FOR MATHEMATICS, ADOPTED AUGUST 2010
-» MATHEMATICS, ADOPTED DECEMBER 1997 (PDF)
- WORD VERSION OF MATHEMATICS CONTENT STANDARDS (DOC)
- BRAILLE VERSION OF MATHEMATICS STANDARDS (PDF; 2MB)
• CAREER TECHNICAL EDUCATION. ADOPTED MAY 2005 (PDF: 4MB)
-» WORD VERSION OF CAREER TECHNICAL EDUCATION (DOC; 1MB)
• ENGLISH LANGUAGE DEVELOPMENT, ENGLISH VERSION (PDF)
-»WORD VERSION OF ENGLISH LANGUAGE DEVELOPMENT (DOC)

FIG. 8E

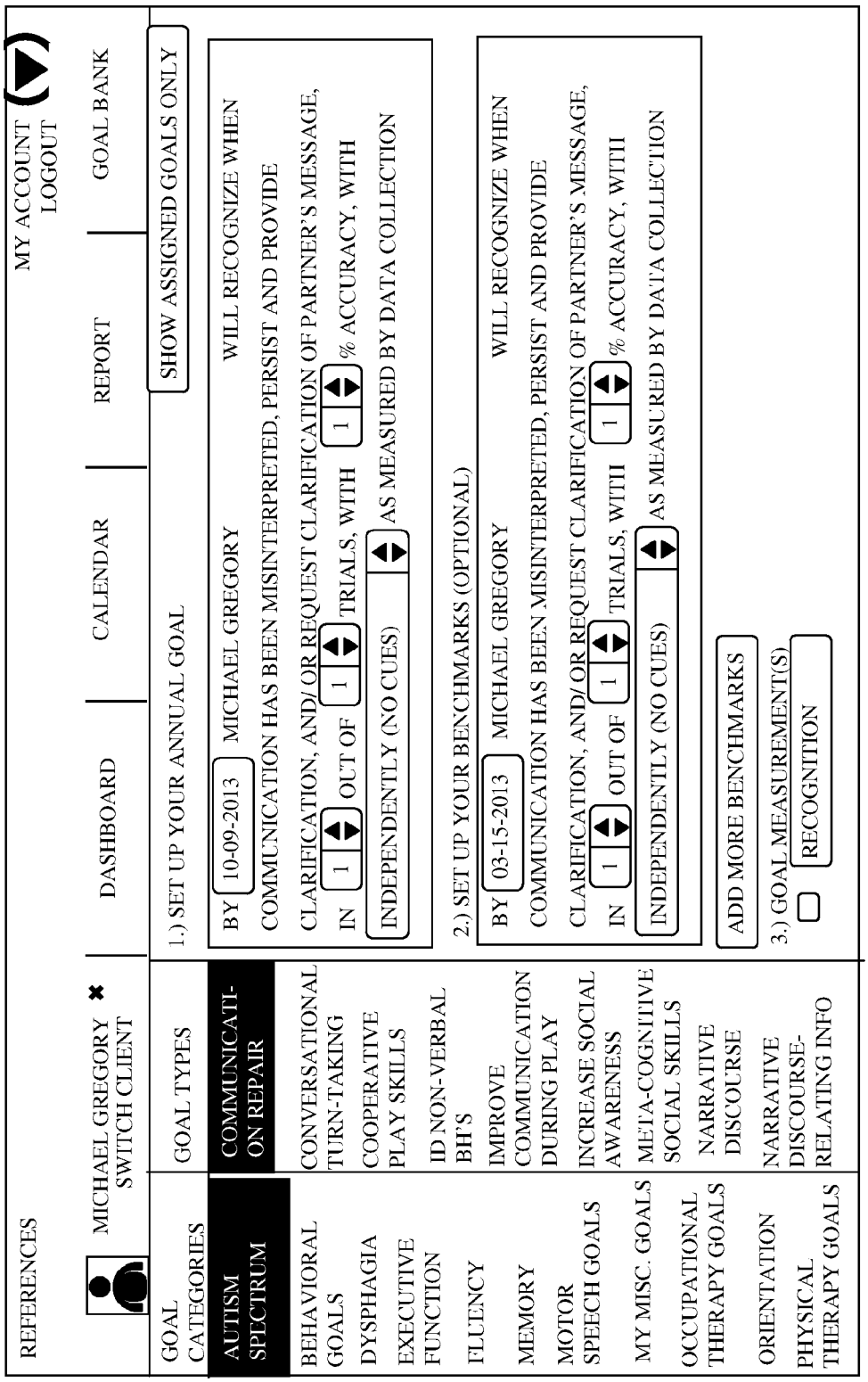

REFERENCES
MY ACCOUNT
LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
GOAL CATEGORIES
GOAL TYPES
AUTISM SPECTRUM
COMMUNICATION REPAIR
BEHAVIORAL GOALS
DYSPHAGIA
EXECUTIVE FUNCTION
FLUENCY
MEMORY
MOTOR SPEECH GOALS
MY MISC. GOALS
OCCUPATIONAL THERAPY GOALS
ORIENTATION
PHYSICAL THERAPY GOALS
CONVERSATIONAL TURN-TAKING
COOPERATIVE PLAY SKILLS
ID NON-VERBAL BH'S
IMPROVE COMMUNICATION DURING PLAY
INCREASE SOCIAL AWARENESS
META-COGNITIVE SOCIAL SKILLS
NARRATIVE DISCOURSE
NARRATIVE DISCOURSE-RELATING INFO
1.) SET UP YOUR ANNUAL GOAL
SHOW ASSIGNED GOALS ONLY
BY 10-09-2013
MICHAEL GREGORY
WILL RECOGNIZE WHEN
COMMUNICATION HAS BEEN MISINTERPRETED, PERSIST AND PROVIDE
CLARIFICATION, AND/ OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE,
IN 1 OUT OF 1 TRIALS, WITH 1 % ACCURACY, WITH
INDEPENDENTLY (NO CUES)
AS MEASURED BY DATA COLLECTION
2.) SET UP YOUR BENCHMARKS (OPTIONAL)
BY 03-15-2013
MICHAEL GREGORY
WILL RECOGNIZE WHEN
COMMUNICATION HAS BEEN MISINTERPRETED, PERSIST AND PROVIDE
CLARIFICATION, AND/ OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE,
IN 1 OUT OF 1 TRIALS, WITH 1 % ACCURACY, WITH
INDEPENDENTLY (NO CUES)
AS MEASURED BY DATA COLLECTION
ADD MORE BENCHMARKS
3.) GOAL MEASUREMENT(S)
RECOGNITION

FIG. 8F

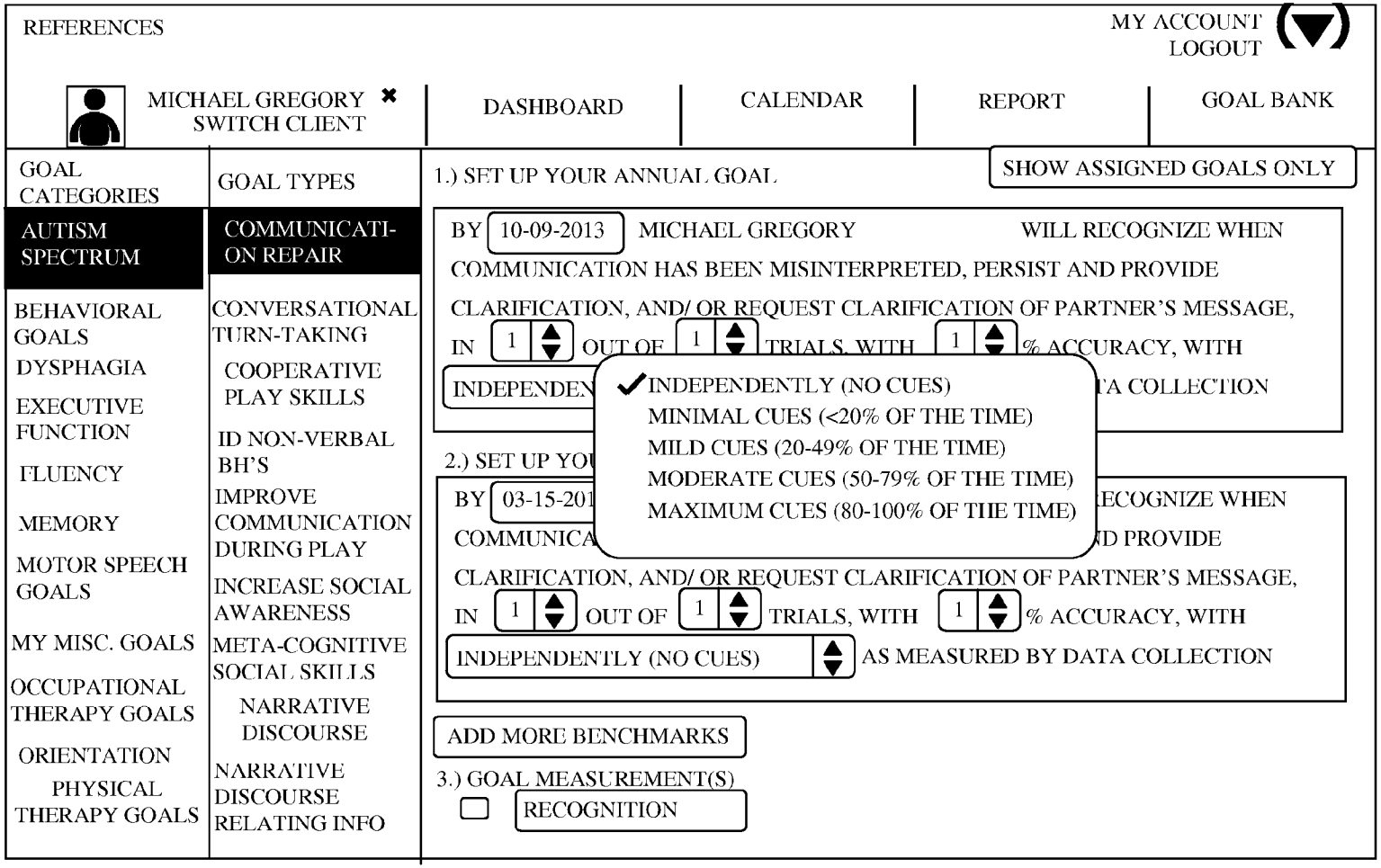

REFERENCES
MY ACCOUNT
LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
GOAL CATEGORIES
GOAL TYPES
AUTISM SPECTRUM
COMMUNICATION REPAIR
BEHAVIORAL GOALS
DYSPHAGIA
EXECUTIVE FUNCTION
FLUENCY
MEMORY
MOTOR SPEECH GOALS
MY MISC. GOALS
OCCUPATIONAL THERAPY GOALS
ORIENTATION
PHYSICAL THERAPY GOALS
CONVERSATIONAL TURN-TAKING
COOPERATIVE PLAY SKILLS
ID NON-VERBAL BH'S
IMPROVE COMMUNICATION DURING PLAY
INCREASE SOCIAL AWARENESS
META-COGNITIVE SOCIAL SKILLS
NARRATIVE DISCOURSE
NARRATIVE DISCOURSE RELATING INFO
1.) SET UP YOUR ANNUAL GOAL
SHOW ASSIGNED GOALS ONLY
BY 10-09-2013 MICHAEL GREGORY WILL RECOGNIZE WHEN COMMUNICATION HAS BEEN MISINTERPRETED, PERSIST AND PROVIDE CLARIFICATION, AND/ OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE, IN 1 OUT OF 1 TRIALS, WITH 1 % ACCURACY, WITH
INDEPENDEN
INDEPENDENTLY (NO CUES)
MINIMAL CUES (<20% OF THE TIME)
MILD CUES (20-49% OF THE TIME)
MODERATE CUES (50-79% OF THE TIME)
MAXIMUM CUES (80-100% OF THE TIME)
TA COLLECTION
2.) SET UP YOU
BY 03-15-201
ECOGNIZE WHEN
COMMUNICA
ID PROVIDE
CLARIFICATION, AND/ OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE, IN 1 OUT OF 1 TRIALS, WITH 1 % ACCURACY, WITH
INDEPENDENTLY (NO CUES)
AS MEASURED BY DATA COLLECTION
ADD MORE BENCHMARKS
3.) GOAL MEASUREMENT(S)
RECOGNITION

FIG. 8G

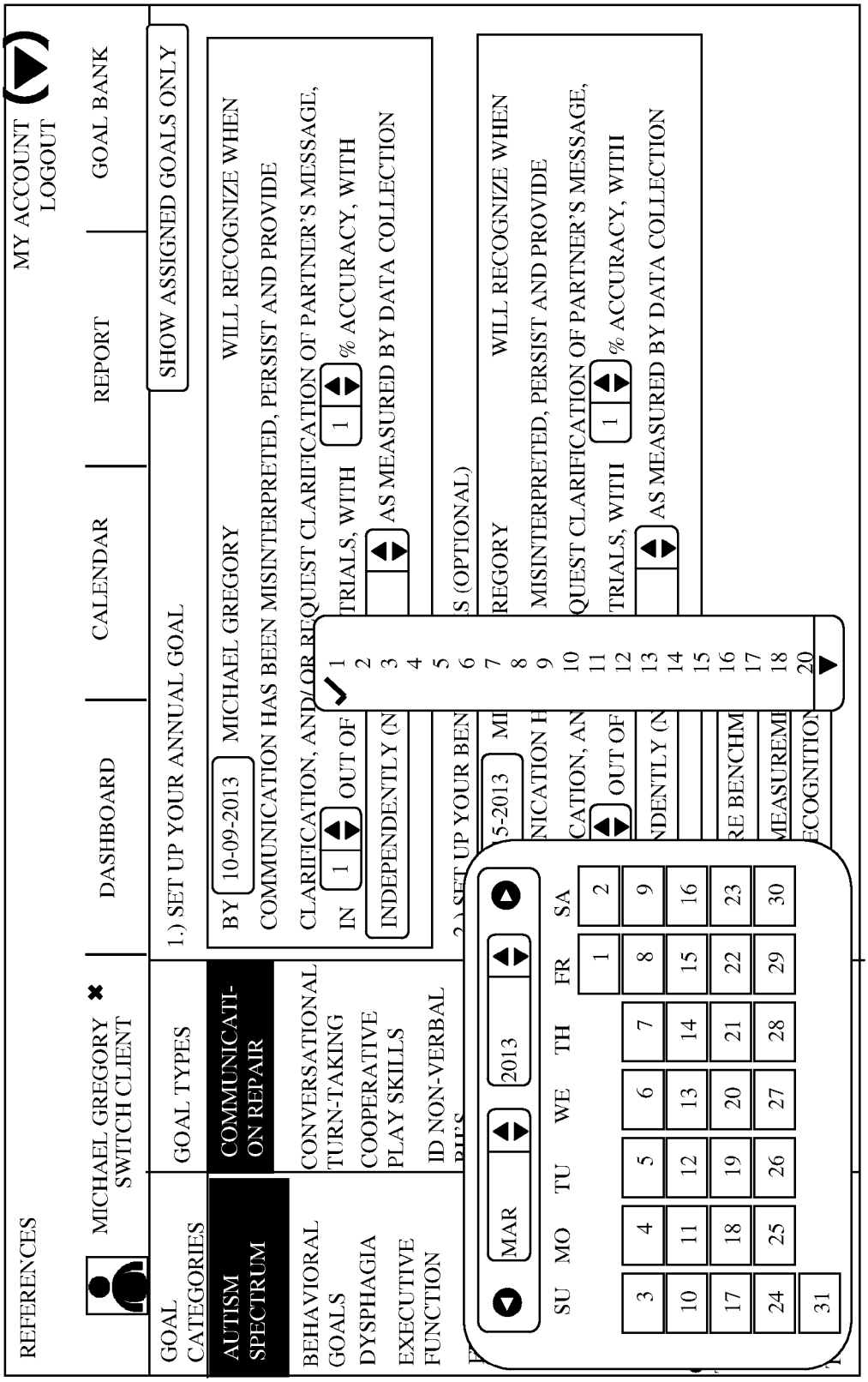

REFERENCES
MY ACCOUNT
LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
GOAL CATEGORIES
GOAL TYPES
AUTISM SPECTRUM
COMMUNICATION REPAIR
BEHAVIORAL GOALS
DYSPHAGIA
EXECUTIVE FUNCTION
CONVERSATIONAL TURN-TAKING
COOPERATIVE PLAY SKILLS
ID NON-VERBAL
1.) SET UP YOUR ANNUAL GOAL
SHOW ASSIGNED GOALS ONLY
BY 10-09-2013
MICHAEL GREGORY
WILL RECOGNIZE WHEN
COMMUNICATION HAS BEEN MISINTERPRETED, PERSIST AND PROVIDE
CLARIFICATION, AND/OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE,
IN 1 OUT OF
TRIALS, WITH 1 % ACCURACY, WITH
INDEPENDENTLY (N
AS MEASURED BY DATA COLLECTION
MAR 2013
SU MO TU WE TH FR SA
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31

FIG. 8H

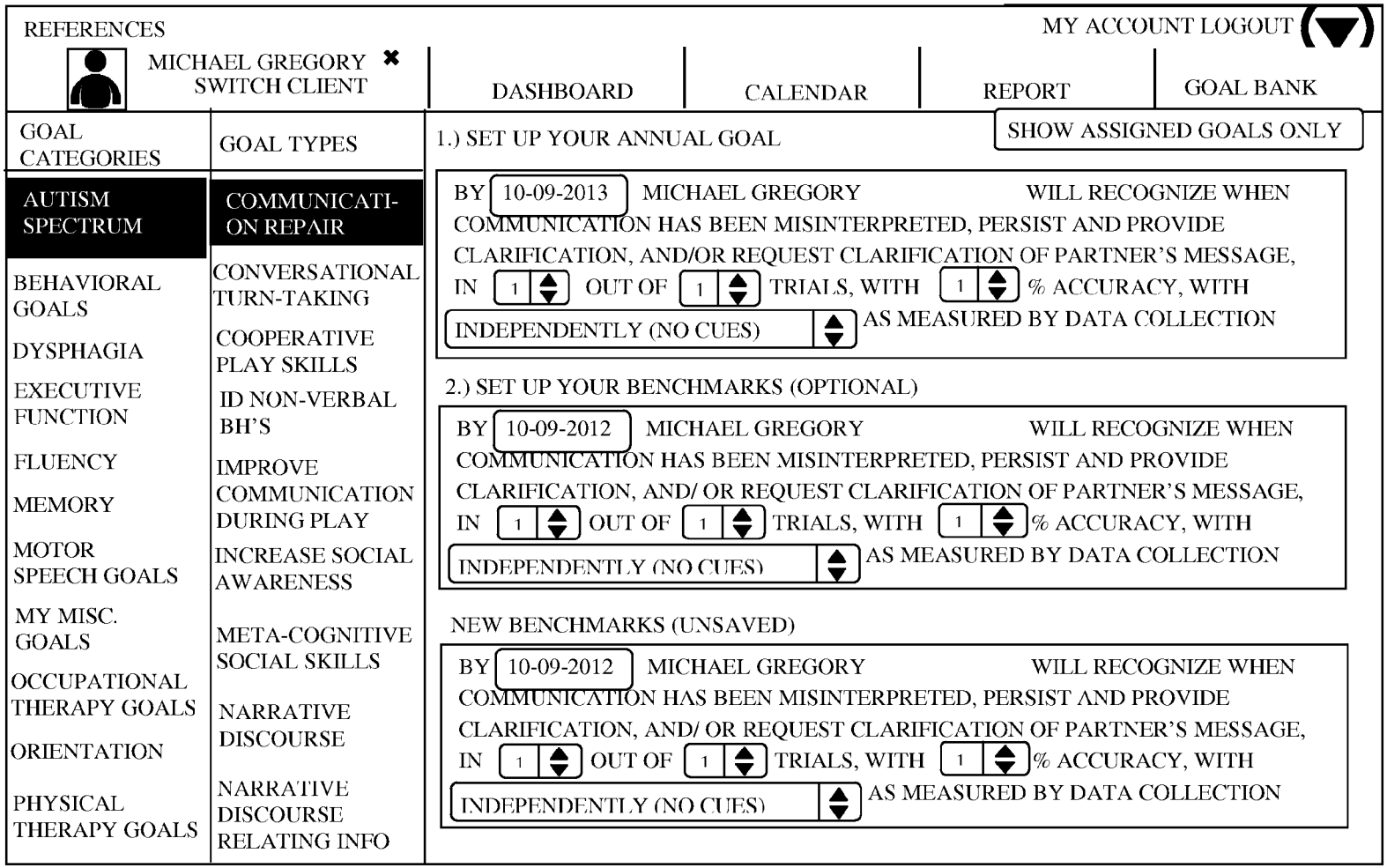

REFERENCES
MY ACCOUNT LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
GOAL CATEGORIES
GOAL TYPES
AUTISM SPECTRUM
BEHAVIORAL GOALS
DYSPHAGIA
EXECUTIVE FUNCTION
FLUENCY
MEMORY
MOTOR SPEECH GOALS
MY MISC. GOALS
OCCUPATIONAL THERAPY GOALS
ORIENTATION
PHYSICAL THERAPY GOALS
COMMUNICATION REPAIR
CONVERSATIONAL TURN-TAKING
COOPERATIVE PLAY SKILLS
ID NON-VERBAL BH'S
IMPROVE COMMUNICATION DURING PLAY
INCREASE SOCIAL AWARENESS
META-COGNITIVE SOCIAL SKILLS
NARRATIVE DISCOURSE
NARRATIVE DISCOURSE RELATING INFO
1.) SET UP YOUR ANNUAL GOAL
SHOW ASSIGNED GOALS ONLY
BY 10-09-2013 MICHAEL GREGORY WILL RECOGNIZE WHEN COMMUNICATION HAS BEEN MISINTERPRETED, PERSIST AND PROVIDE CLARIFICATION, AND/OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE, IN 1 OUT OF 1 TRIALS, WITH 1 % ACCURACY, WITH INDEPENDENTLY (NO CUES) AS MEASURED BY DATA COLLECTION
2.) SET UP YOUR BENCHMARKS (OPTIONAL)
BY 10-09-2012 MICHAEL GREGORY WILL RECOGNIZE WHEN COMMUNICATION HAS BEEN MISINTERPRETED, PERSIST AND PROVIDE CLARIFICATION, AND/ OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE, IN 1 OUT OF 1 TRIALS, WITH 1 % ACCURACY, WITH INDEPENDENTLY (NO CUES) AS MEASURED BY DATA COLLECTION
NEW BENCHMARKS (UNSAVED)
BY 10-09-2012 MICHAEL GREGORY WILL RECOGNIZE WHEN COMMUNICATION HAS BEEN MISINTERPRETED, PERSIST AND PROVIDE CLARIFICATION, AND/ OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE, IN 1 OUT OF 1 TRIALS, WITH 1 % ACCURACY, WITH INDEPENDENTLY (NO CUES) AS MEASURED BY DATA COLLECTION

FIG. 8I

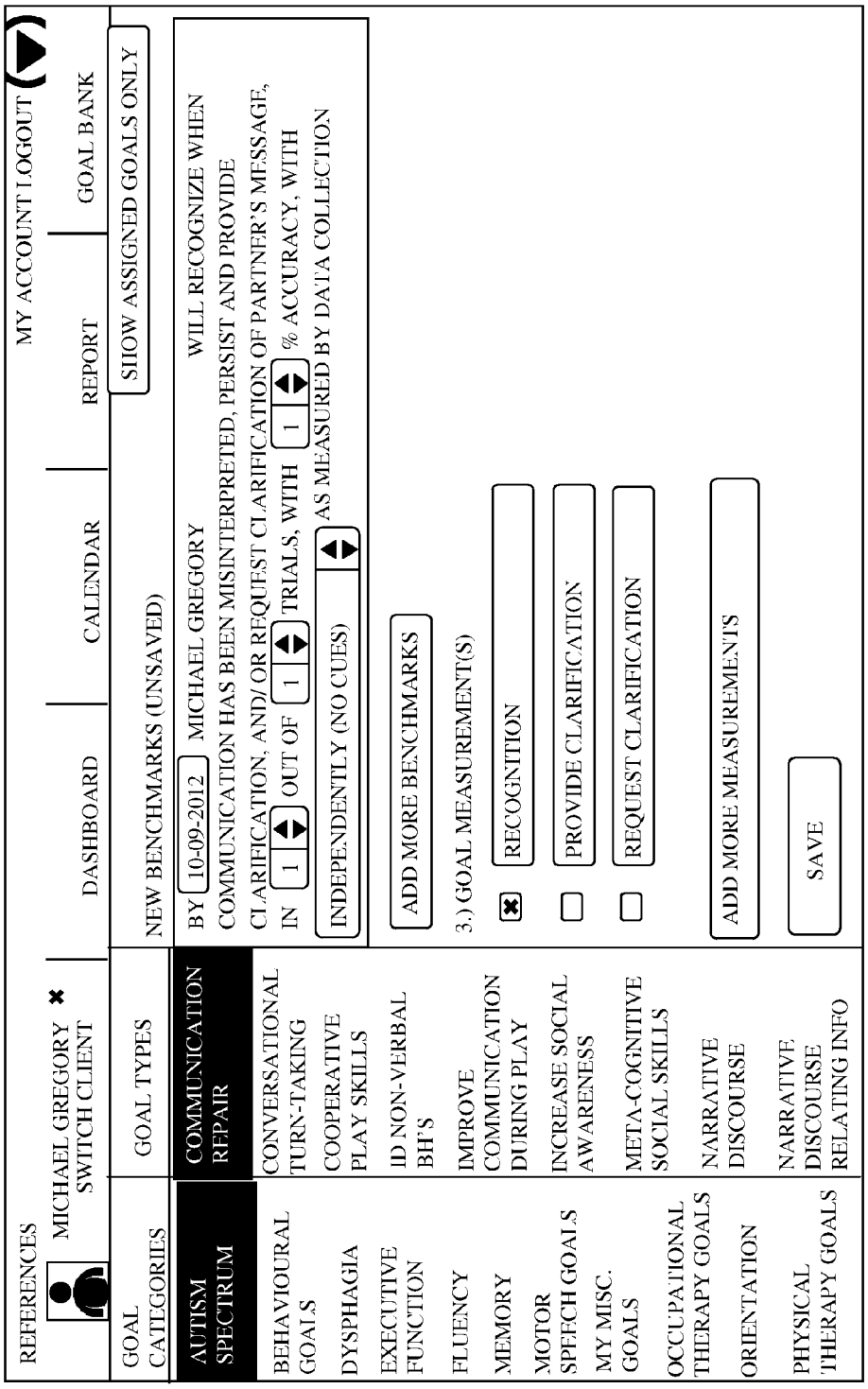

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT LOGOUT
GOAL CATEGORIES
GOAL TYPES
AUTISM SPECTRUM
COMMUNICATION REPAIR
BEHAVIOURAL GOALS
CONVERSATIONAL TURN-TAKING
DYSPHAGIA
COOPERATIVE PLAY SKILLS
EXECUTIVE FUNCTION
ID NON-VERBAL BH'S
FLUENCY
IMPROVE COMMUNICATION DURING PLAY
MEMORY
MOTOR SPEECH GOALS
INCREASE SOCIAL AWARENESS
MY MISC. GOALS
META-COGNITIVE SOCIAL SKILLS
OCCUPATIONAL THERAPY GOALS
NARRATIVE DISCOURSE
ORIENTATION
PHYSICAL THERAPY GOALS
NARRATIVE, DISCOURSE RELATING INFO
NEW BENCHMARKS (UNSAVED)
SHOW ASSIGNED GOALS ONLY
BY 10-09-2012
MICHAEL GREGORY
WILL RECOGNIZE WHEN COMMUNICATION HAS BEEN MISINTERPRETED, PERSIST AND PROVIDE CLARIFICATION, AND/OR REQUEST CLARIFICATION OF PARTNER'S MESSAGE,
IN 1 OUT OF 1 TRIALS, WITH 1 % ACCURACY, WITH
INDEPENDENTLY (NO CUES)
AS MEASURED BY DATA COLLECTION
ADD MORE BENCHMARKS
3.) GOAL MEASUREMENT(S)
RECOGNITION
PROVIDE CLARIFICATION
REQUEST CLARIFICATION
ADD MORE MEASUREMENTS
SAVE

FIG. 8J

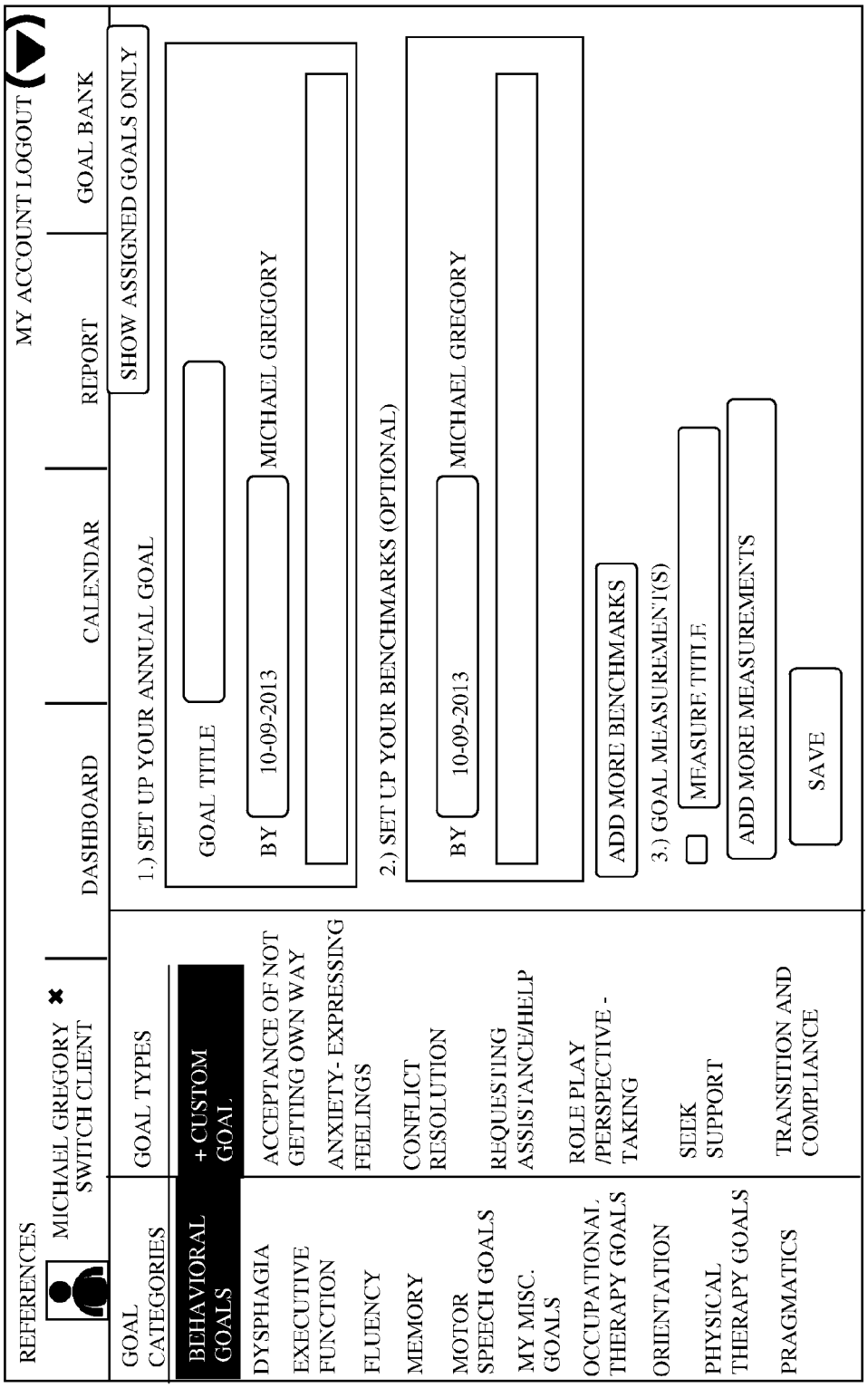

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
MY ACCOUNT LOGOUT
GOAL BANK
GOAL CATEGORIES
GOAL TYPES
BEHAVIORAL GOALS
+ CUSTOM GOAL
DYSPHAGIA
EXECUTIVE FUNCTION
FLUENCY
MEMORY
MOTOR SPEECH GOALS
MY MISC. GOALS
OCCUPATIONAL THERAPY GOALS
ORIENTATION
PHYSICAL THERAPY GOALS
PRAGMATICS
ACCEPTANCE OF NOT GETTING OWN WAY
ANXIETY - EXPRESSING FEELINGS
CONFLICT RESOLUTION
REQUESTING ASSISTANCE/HELP
ROLE PLAY /PERSPECTIVE - TAKING
SEEK SUPPORT
TRANSITION AND COMPLIANCE
1.) SET UP YOUR ANNUAL GOAL
SHOW ASSIGNED GOALS ONLY
GOAL TITLE
BY 10-09-2013
MICHAEL GREGORY
2.) SET UP YOUR BENCHMARKS (OPTIONAL)
BY 10-09-2013
MICHAEL GREGORY
ADD MORE BENCHMARKS
3.) GOAL MEASUREMENT(S)
MEASURE TITLE
ADD MORE MEASUREMENTS
SAVE

FIG. 8K

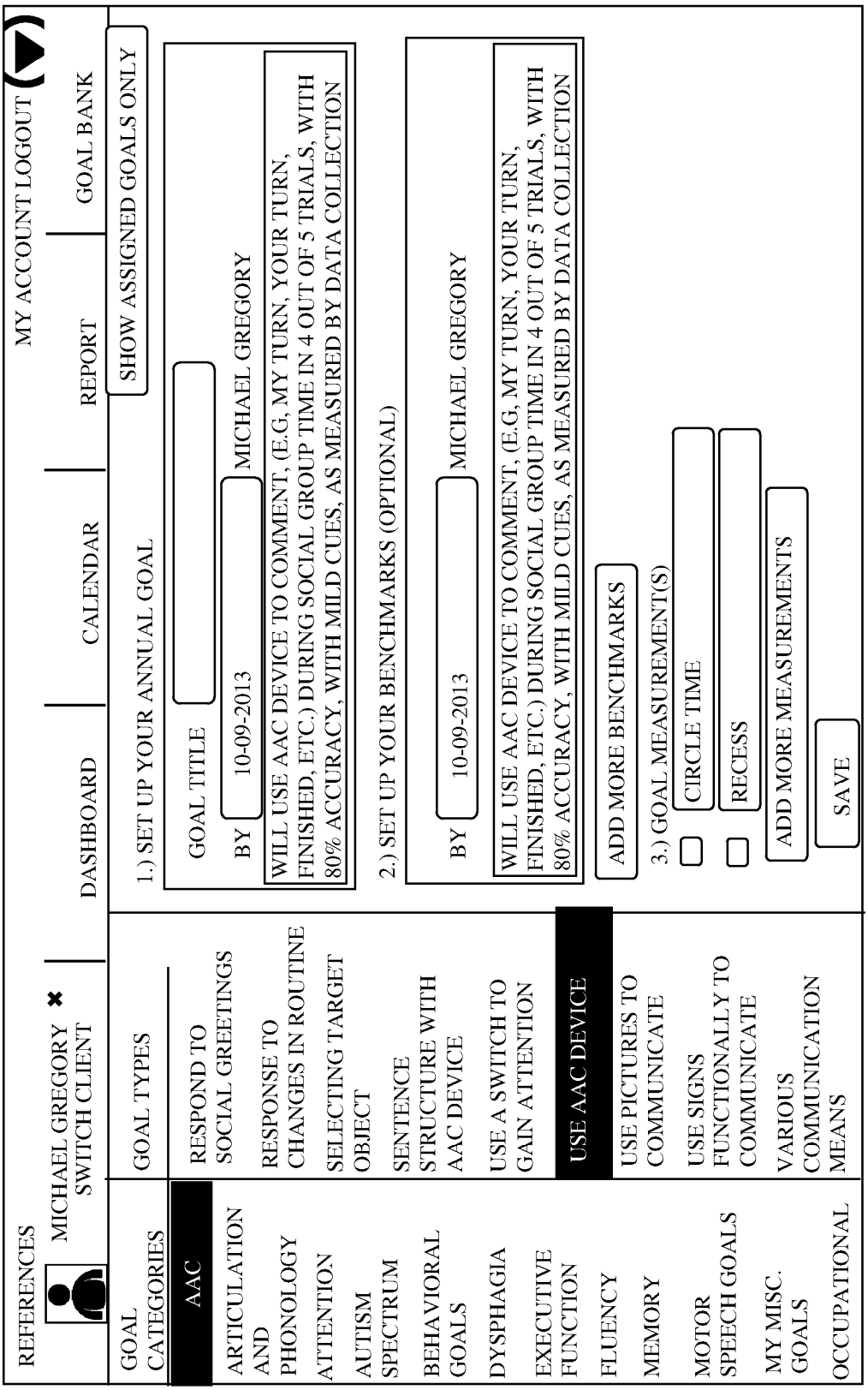

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT LOGOUT
GOAL CATEGORIES
GOAL TYPES
AAC
ARTICULATION AND PHONOLOGY
ATTENTION
AUTISM SPECTRUM
BEHAVIORAL GOALS
DYSPHAGIA
EXECUTIVE FUNCTION
FLUENCY
MEMORY
MOTOR SPEECH GOALS
MY MISC. GOALS
OCCUPATIONAL
RESPOND TO SOCIAL GREETINGS
RESPONSE TO CHANGES IN ROUTINE
SELECTING TARGET OBJECT
SENTENCE STRUCTURE WITH AAC DEVICE
USE A SWITCH TO GAIN ATTENTION
USE AAC DEVICE
USE PICTURES TO COMMUNICATE
USE SIGNS FUNCTIONALLY TO COMMUNICATE
VARIOUS COMMUNICATION MEANS
1.) SET UP YOUR ANNUAL GOAL
SHOW ASSIGNED GOALS ONLY
GOAL TITLE
BY 10-09-2013
MICHAEL GREGORY
WILL USE AAC DEVICE TO COMMENT, (E.G, MY TURN, YOUR TURN, FINISHED, ETC.) DURING SOCIAL GROUP TIME IN 4 OUT OF 5 TRIALS, WITH 80% ACCURACY, WITH MILD CUES, AS MEASURED BY DATA COLLECTION
2.) SET UP YOUR BENCHMARKS (OPTIONAL)
BY 10-09-2013
MICHAEL GREGORY
WILL USE AAC DEVICE TO COMMENT, (E.G, MY TURN, YOUR TURN, FINISHED, ETC.) DURING SOCIAL GROUP TIME IN 4 OUT OF 5 TRIALS, WITH 80% ACCURACY, WITH MILD CUES, AS MEASURED BY DATA COLLECTION
ADD MORE BENCHMARKS
3.) GOAL MEASUREMENT(S)
CIRCLE TIME
RECESS
ADD MORE MEASUREMENTS
SAVE

FIG. 8L

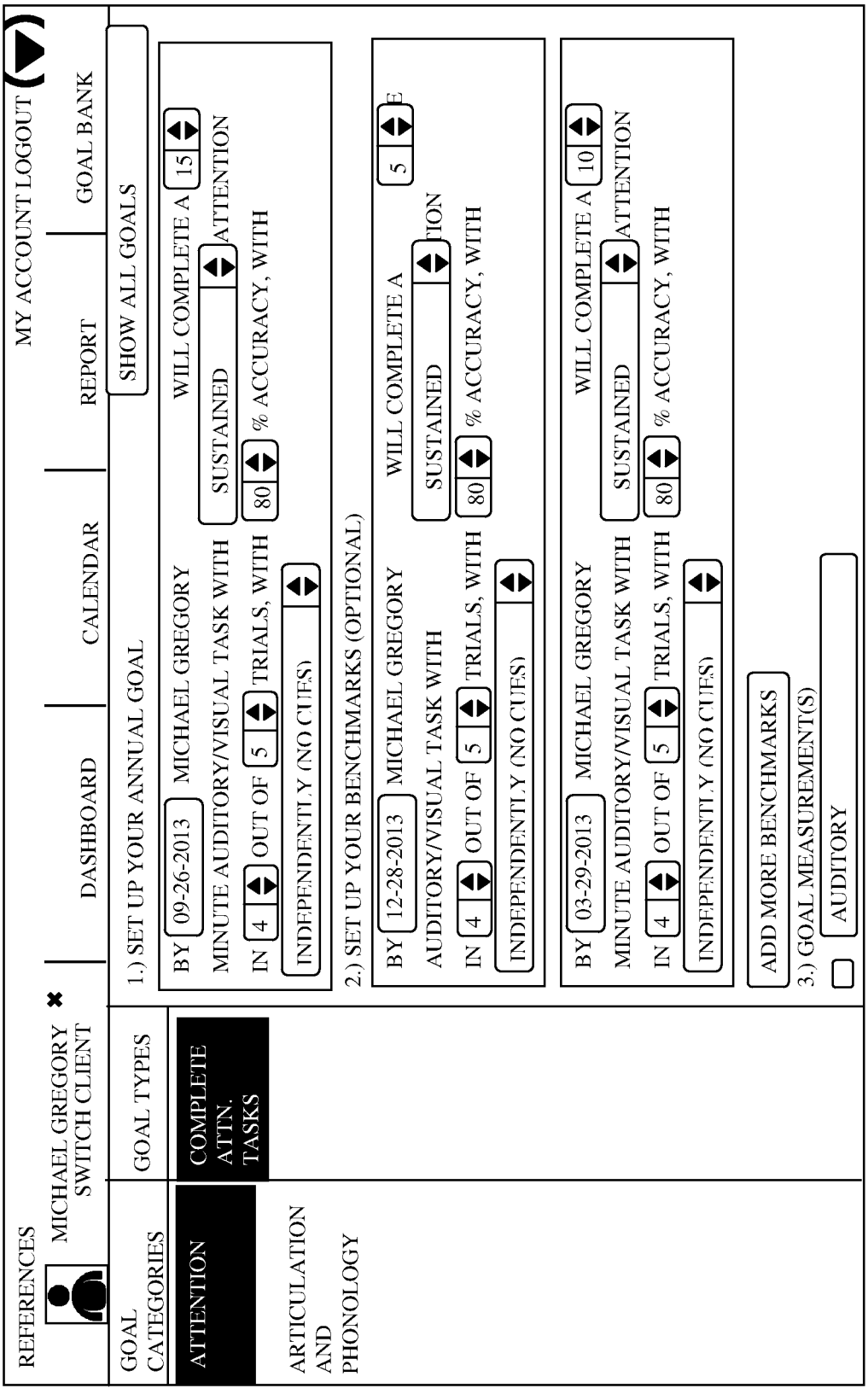

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT LOGOUT
GOAL CATEGORIES
GOAL TYPES
ATTENTION
COMPLETE ATTN. TASKS
ARTICULATION AND PHONOLOGY
1.) SET UP YOUR ANNUAL GOAL
SHOW ALL GOALS
BY 09-26-2013 MICHAEL GREGORY WILL COMPLETE A 15
MINUTE AUDITORY/VISUAL TASK WITH SUSTAINED ATTENTION
IN 4 OUT OF 5 TRIALS, WITH 80 % ACCURACY, WITH
INDEPENDENTLY (NO CUES)
2.) SET UP YOUR BENCHMARKS (OPTIONAL)
BY 12-28-2013 MICHAEL GREGORY WILL COMPLETE A 5
AUDITORY/VISUAL TASK WITH SUSTAINED
IN 4 OUT OF 5 TRIALS, WITH 80 % ACCURACY, WITH
INDEPENDENTLY (NO CUES)
BY 03-29-2013 MICHAEL GREGORY WILL COMPLETE A 10
MINUTE AUDITORY/VISUAL TASK WITH SUSTAINED ATTENTION
IN 4 OUT OF 5 TRIALS, WITH 80 % ACCURACY, WITH
INDEPENDENTLY (NO CUES)
ADD MORE BENCHMARKS
3.) GOAL MEASUREMENT(S)
AUDITORY

FIG. 8M

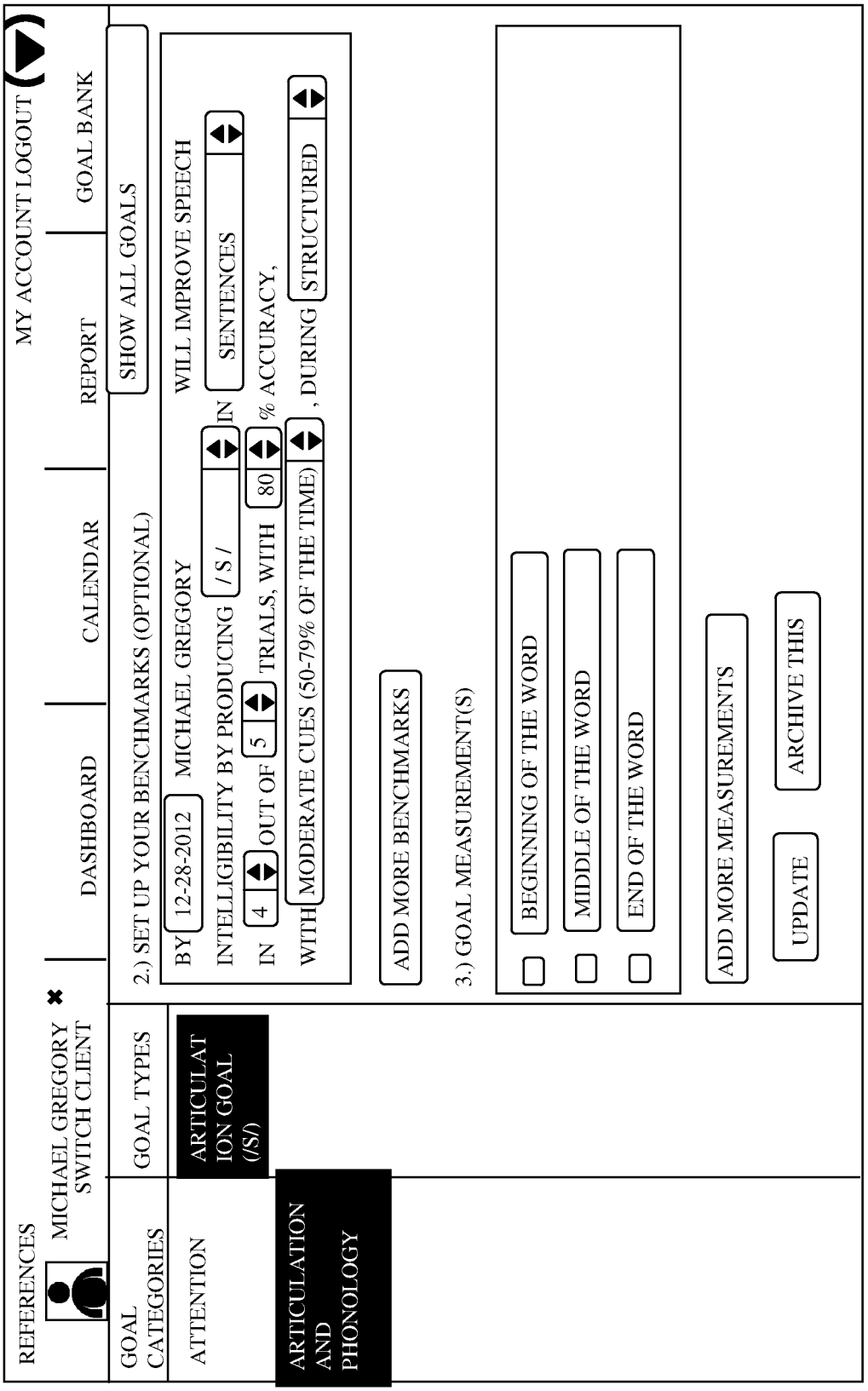

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT LOGOUT
GOAL CATEGORIES
GOAL TYPES
ATTENTION
ARTICULATION AND PHONOLOGY
ARTICULATION GOAL (/S/)
2.) SET UP YOUR BENCHMARKS (OPTIONAL)
SHOW ALL GOALS
BY 12-28-2012 MICHAEL GREGORY WILL IMPROVE SPEECH
INTELLIGIBILITY BY PRODUCING / S / IN SENTENCES
IN 4 OUT OF 5 TRIALS, WITH 80 % ACCURACY,
WITH MODERATE CUES (50-79% OF THE TIME) , DURING STRUCTURED
ADD MORE BENCHMARKS
3.) GOAL MEASUREMENT(S)
BEGINNING OF THE WORD
MIDDLE OF THE WORD
END OF THE WORD
ADD MORE MEASUREMENTS
UPDATE
ARCHIVE THIS

FIG. 8N

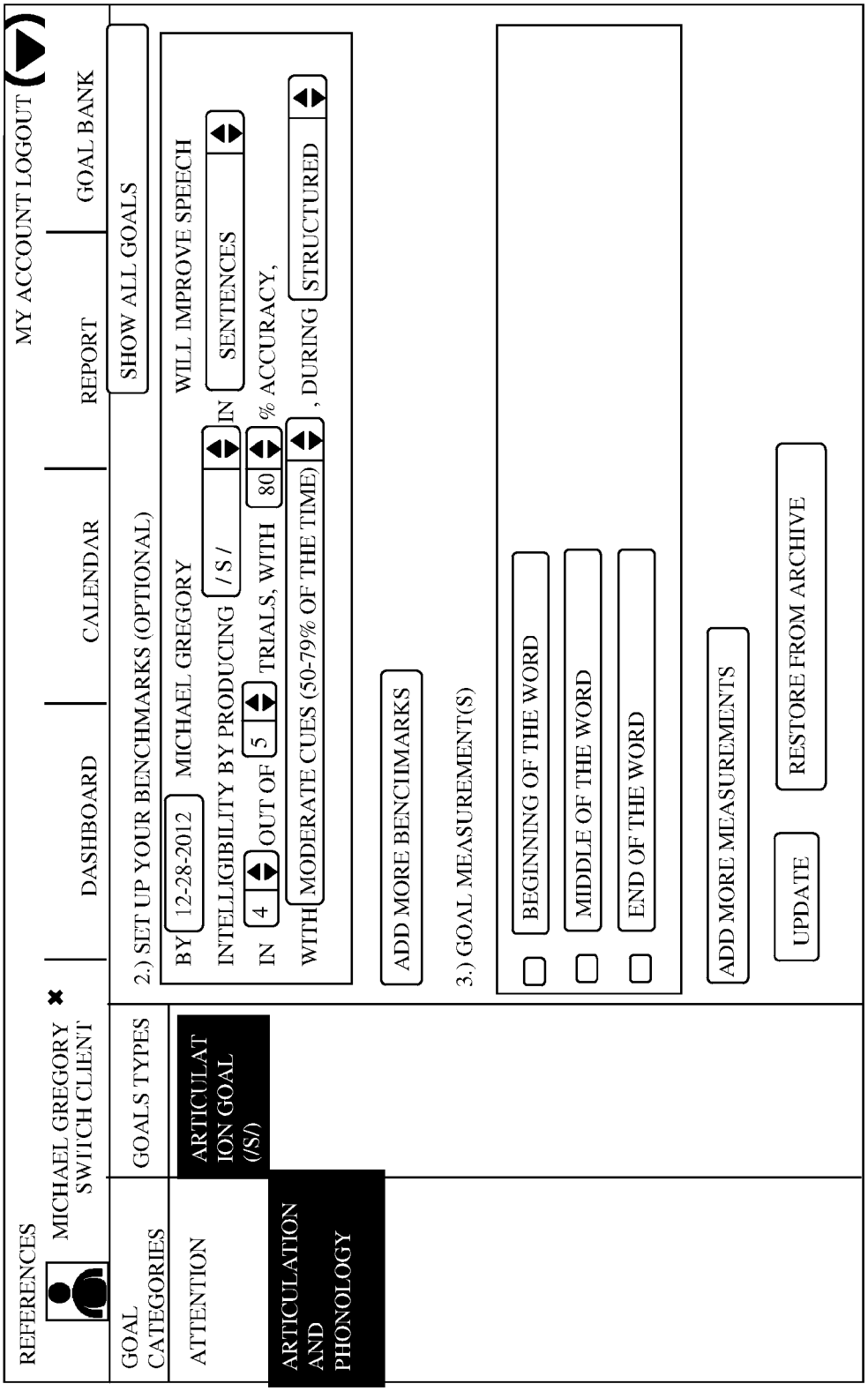

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT LOGOUT
GOAL CATEGORIES
GOALS TYPES
ATTENTION
ARTICULATION AND PHONOLOGY
ARTICULATION GOAL (/S/)
2.) SET UP YOUR BENCHMARKS (OPTIONAL)
SHOW ALL GOALS
BY 12-28-2012 MICHAEL GREGORY WILL IMPROVE SPEECH
INTELLIGIBILITY BY PRODUCING / S / IN SENTENCES
IN 4 OUT OF 5 TRIALS, WITH 80 % ACCURACY,
WITH MODERATE CUES (50-79% OF THE TIME) , DURING STRUCTURED
ADD MORE BENCHMARKS
3.) GOAL MEASUREMENT(S)
BEGINNING OF THE WORD
MIDDLE OF THE WORD
END OF THE WORD
ADD MORE MEASUREMENTS
UPDATE
RESTORE FROM ARCHIVE

FIG. 8O

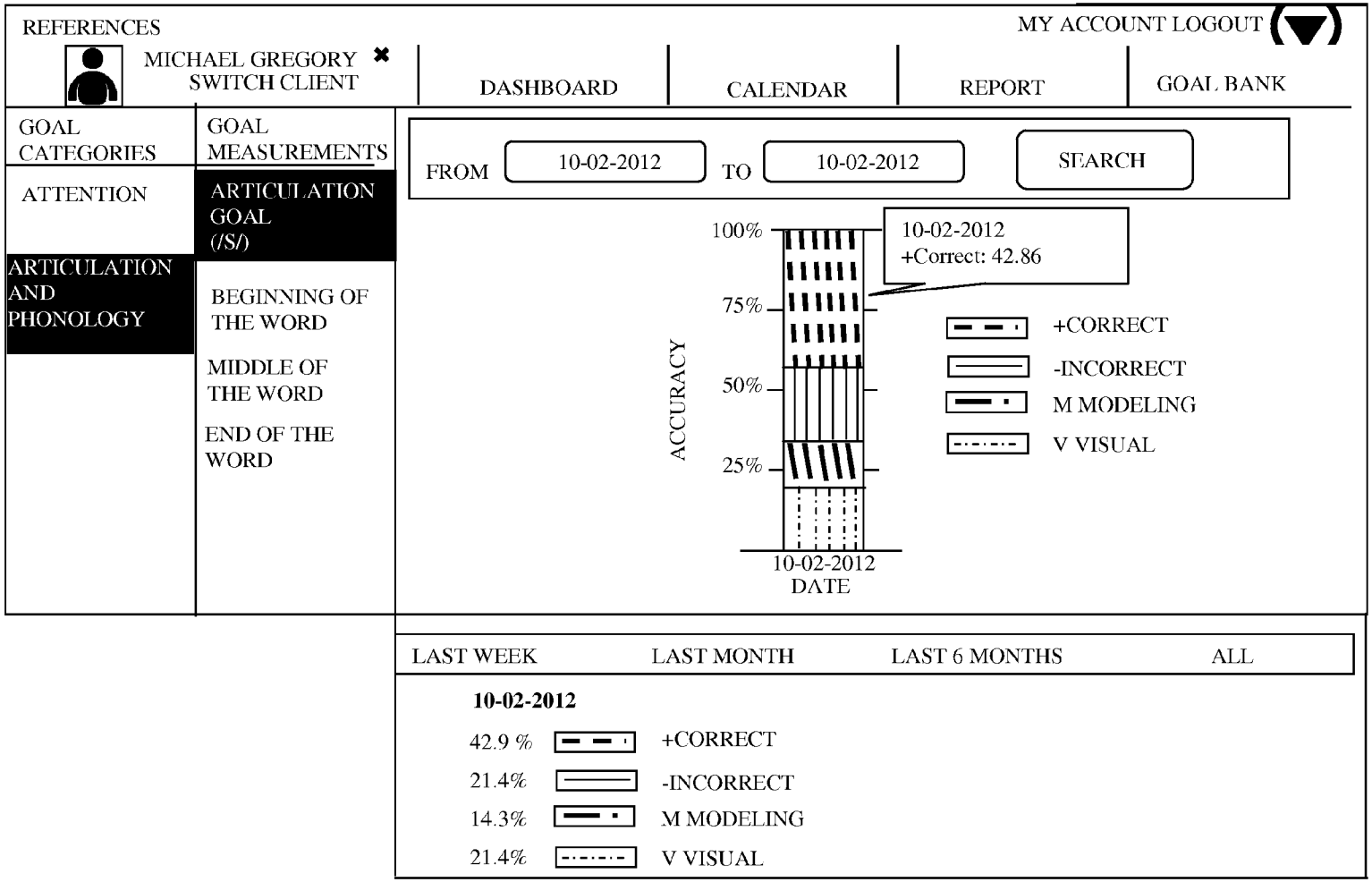

REFERENCES
MY ACCOUNT LOGOUT
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
GOAL CATEGORIES
GOAL MEASUREMENTS
ATTENTION
ARTICULATION GOAL (/S/)
ARTICULATION AND PHONOLOGY
BEGINNING OF THE WORD
MIDDLE OF THE WORD
END OF THE WORD
FROM
10-02-2012
TO
10-02-2012
SEARCH
100%
75%
50%
25%
ACCURACY
10-02-2012
+Correct: 42.86
+CORRECT
-INCORRECT
M MODELING
V VISUAL
10-02-2012
DATE
LAST WEEK
LAST MONTH
LAST 6 MONTHS
ALL
10-02-2012
42.9 %
+CORRECT
21.4%
-INCORRECT
14.3%
M MODELING
21.4%
V VISUAL

FIG. 9A

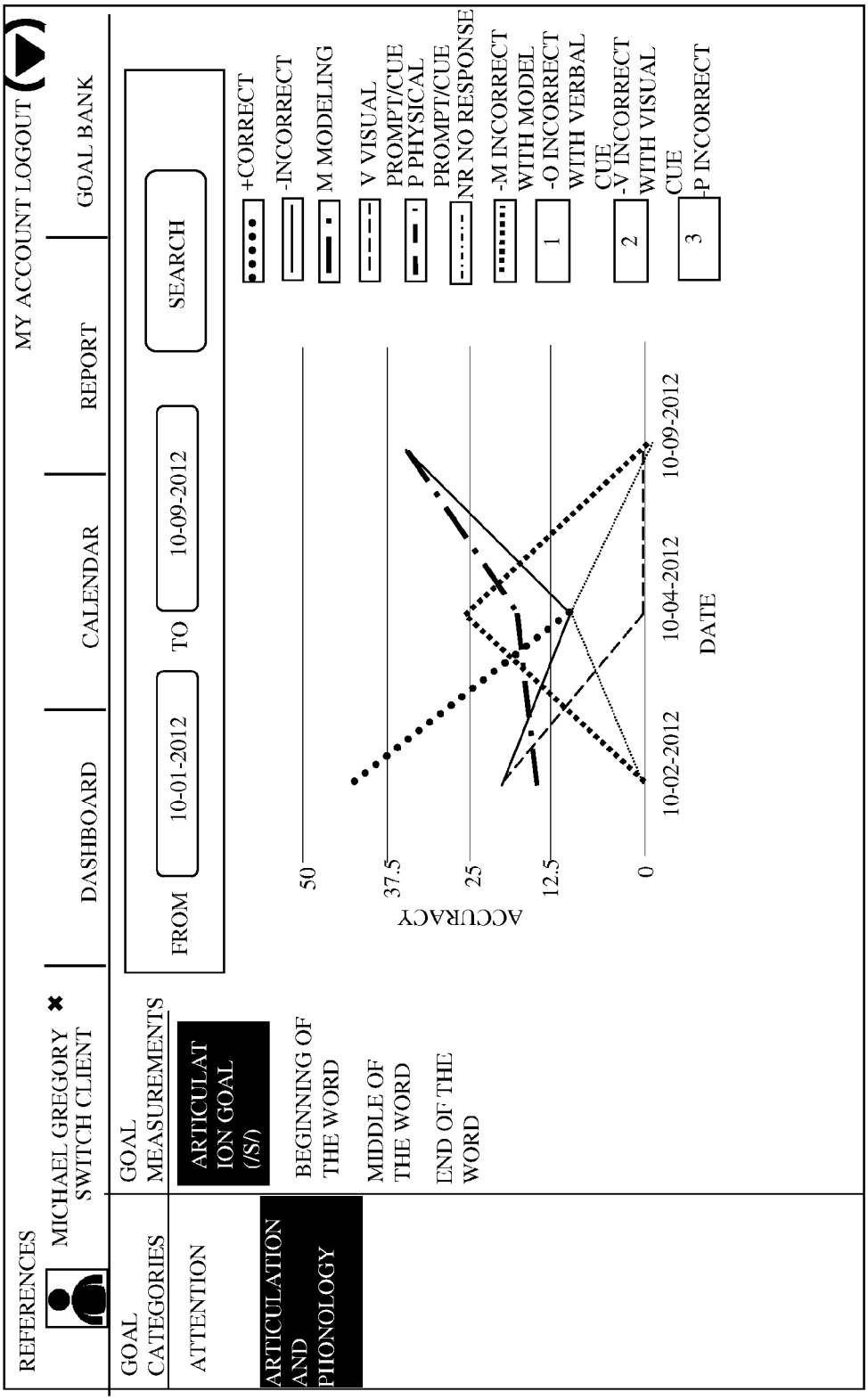

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
MY ACCOUNT LOGOUT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
GOAL CATEGORIES
GOAL MEASUREMENTS
ATTENTION
ARTICULATION AND PHONOLOGY
ARTICULATION GOAL (/S/)
BEGINNING OF THE WORD
MIDDLE OF THE WORD
END OF THE WORD
FROM
10-01-2012
TO
10-09-2012
SEARCH
+CORRECT
-INCORRECT
M MODELING
V VISUAL PROMPT/CUE
P PHYSICAL PROMPT/CUE
NR NO RESPONSE
-M INCORRECT WITH MODEL
-O INCORRECT WITH VERBAL CUE
-V INCORRECT WITH VISUAL CUE
-P INCORRECT
1
2
3
ACCURACY
50
37.5
25
12.5
0
10-02-2012
10-04-2012
10-09-2012
DATE

FIG. 9B

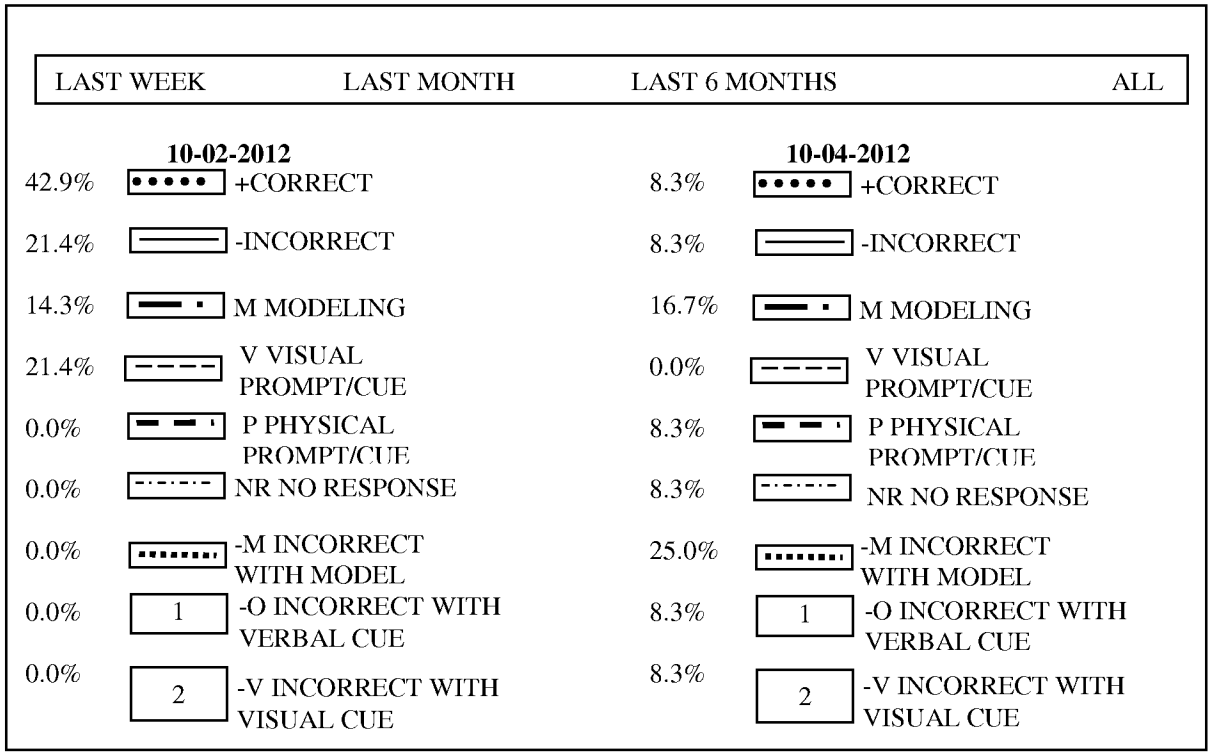

LAST WEEK
LAST MONTH
LAST 6 MONTHS
ALL
10-02-2012
42.9% +CORRECT
21.4% -INCORRECT
14.3% M MODELING
21.4% V VISUAL PROMPT/CUE
0.0% P PHYSICAL PROMPT/CUE
0.0% NR NO RESPONSE
0.0% -M INCORRECT WITH MODEL
0.0% 1 -O INCORRECT WITH VERBAL CUE
0.0% 2 -V INCORRECT WITH VISUAL CUE
10-04-2012
8.3% +CORRECT
8.3% -INCORRECT
16.7% M MODELING
0.0% V VISUAL PROMPT/CUE
8.3% P PHYSICAL PROMPT/CUE
8.3% NR NO RESPONSE
25.0% -M INCORRECT WITH MODEL
8.3% 1 -O INCORRECT WITH VERBAL CUE
8.3% 2 -V INCORRECT WITH VISUAL CUE

FIG. 9C

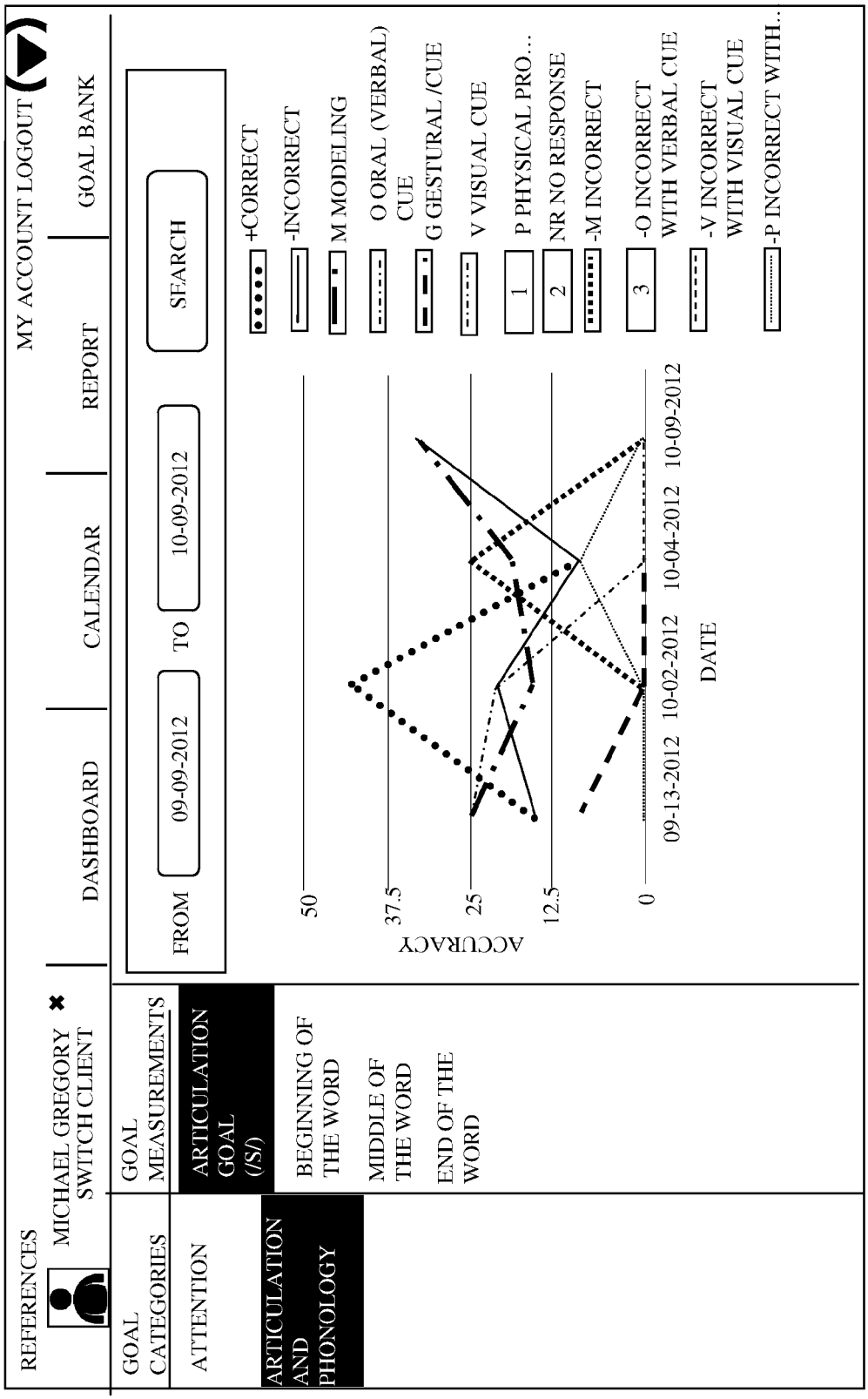

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
REPORT
GOAL BANK
MY ACCOUNT LOGOUT
GOAL CATEGORIES
GOAL MEASUREMENTS
ATTENTION
ARTICULATION AND PHONOLOGY
ARTICULATION GOAL (/S/)
BEGINNING OF THE WORD
MIDDLE OF THE WORD
END OF THE WORD
FROM
09-09-2012
TO
10-09-2012
SEARCH
+CORRECT
-INCORRECT
M MODELING
O ORAL (VERBAL) CUE
G GESTURAL /CUE
V VISUAL CUE
P PHYSICAL PRO...
NR NO RESPONSE
-M INCORRECT
-O INCORRECT WITH VERBAL CUE
-V INCORRECT WITH VISUAL CUE
-P INCORRECT WITH...
ACCURACY
50
37.5
25
12.5
0
09-13-2012
10-02-2012
10-04-2012
10-09-2012
DATE

FIG. 9D

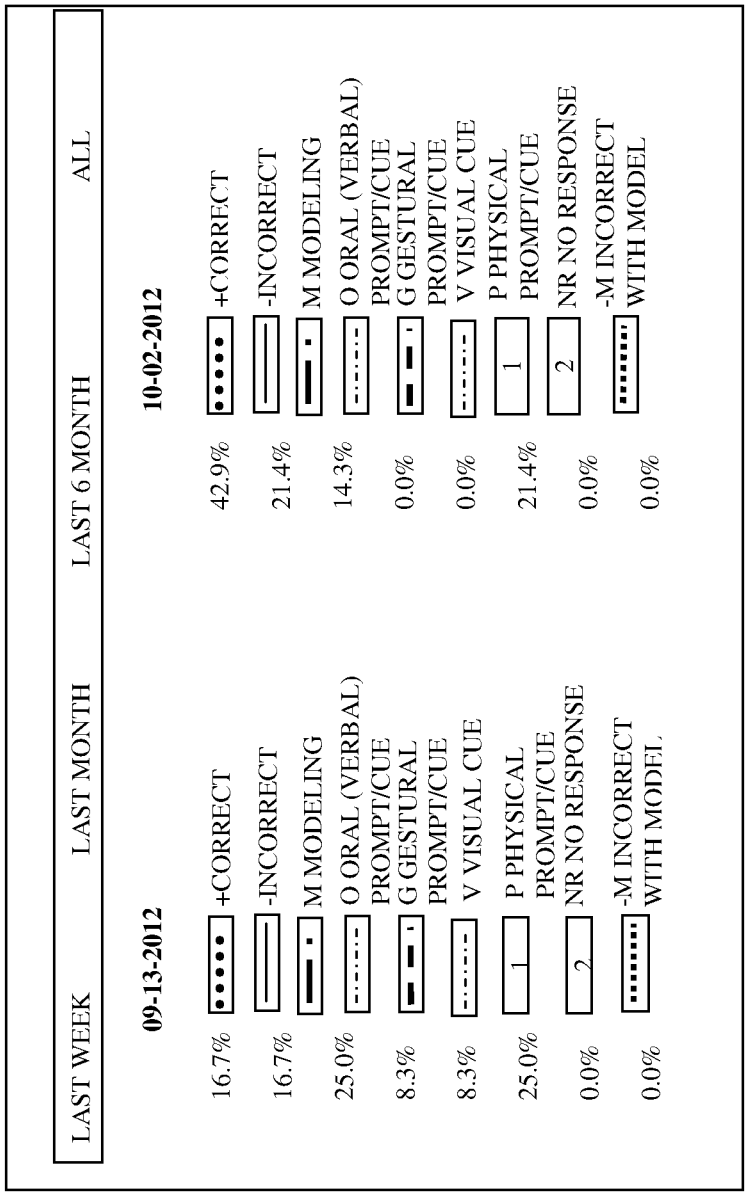

LAST WEEK
LAST MONTH
LAST 6 MONTH
ALL
09-13-2012
10-02-2012
16.7% +CORRECT
16.7% -INCORRECT
25.0% M MODELING
8.3% O ORAL (VERBAL) PROMPT/CUE
8.3% G GESTURAL PROMPT/CUE
0.0% V VISUAL CUE
25.0% P PHYSICAL PROMPT/CUE
0.0% NR NO RESPONSE
0.0% -M INCORRECT WITH MODEL
42.9% +CORRECT
21.4% -INCORRECT
14.3% M MODELING
0.0% O ORAL (VERBAL) PROMPT/CUE
0.0% G GESTURAL PROMPT/CUE
21.4% V VISUAL CUE
0.0% P PHYSICAL PROMPT/CUE
0.0% NR NO RESPONSE
0.0% -M INCORRECT WITH MODEL

FIG. 9E

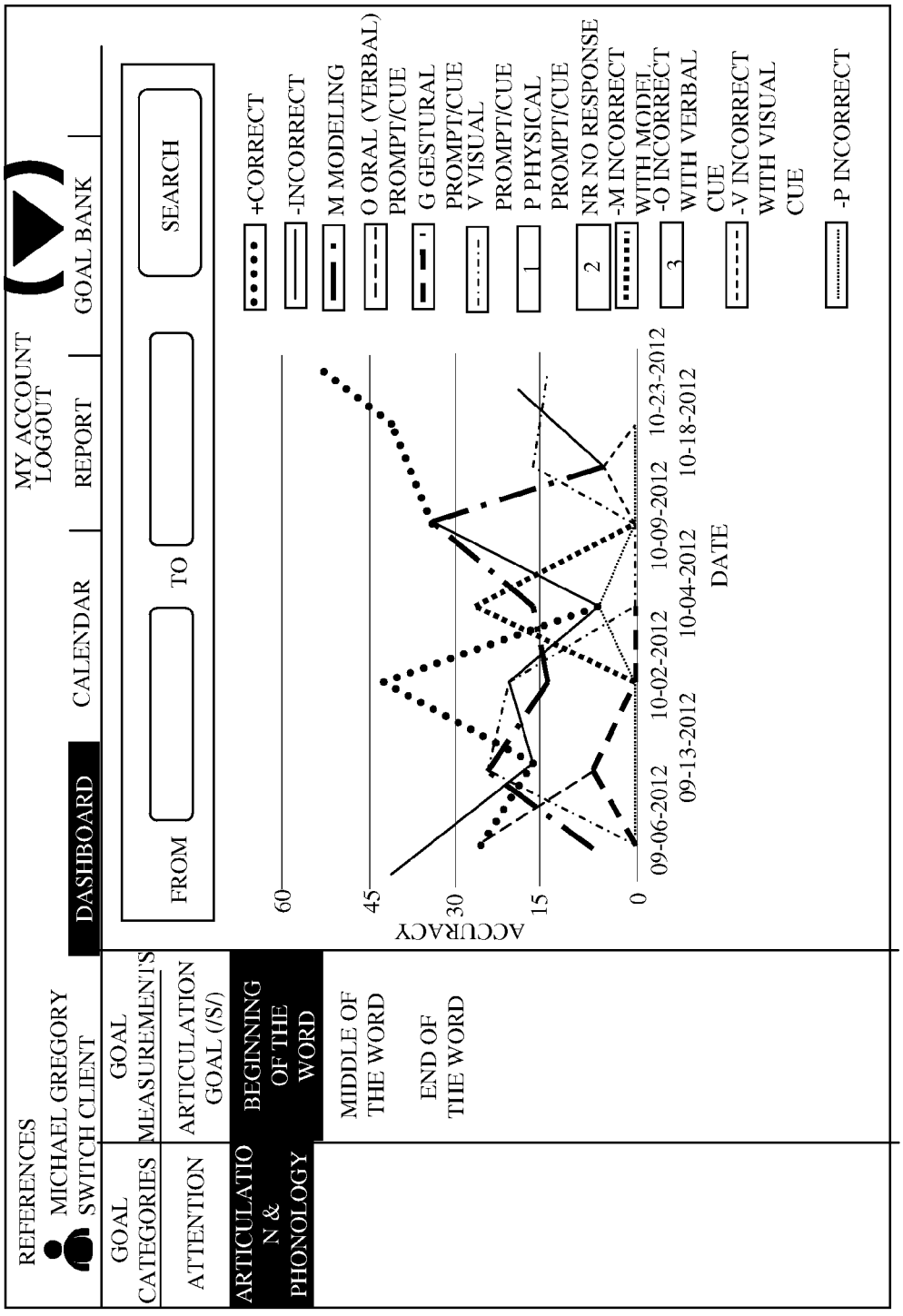

REFERENCES
MICHAEL GREGORY
SWITCH CLIENT
DASHBOARD
CALENDAR
MY ACCOUNT
LOGOUT
REPORT
GOAL BANK
GOAL CATEGORIES
GOAL MEASUREMENTS
ATTENTION
ARTICULATION GOAL (/S/)
ARTICULATION & PHONOLOGY
BEGINNING OF THE WORD
MIDDLE OF THE WORD
END OF TIE WORD
FROM
TO
SEARCH
ACCURACY
60
45
30
15
0
09-06-2012
09-13-2012
10-02-2012
10-04-2012
10-09-2012
10-18-2012
10-23-2012
DATE
+CORRECT
-INCORRECT
M MODELING
O ORAL (VERBAL) PROMPT/CUE
G GESTURAL PROMPT/CUE
V VISUAL PROMPT/CUE
P PHYSICAL PROMPT/CUE
NR NO RESPONSE
-M INCORRECT WITH MODEL
-O INCORRECT WITH VERBAL CUE
-V INCORRECT WITH VISUAL CUE
-P INCORRECT
1
2
3

FIG. 9F

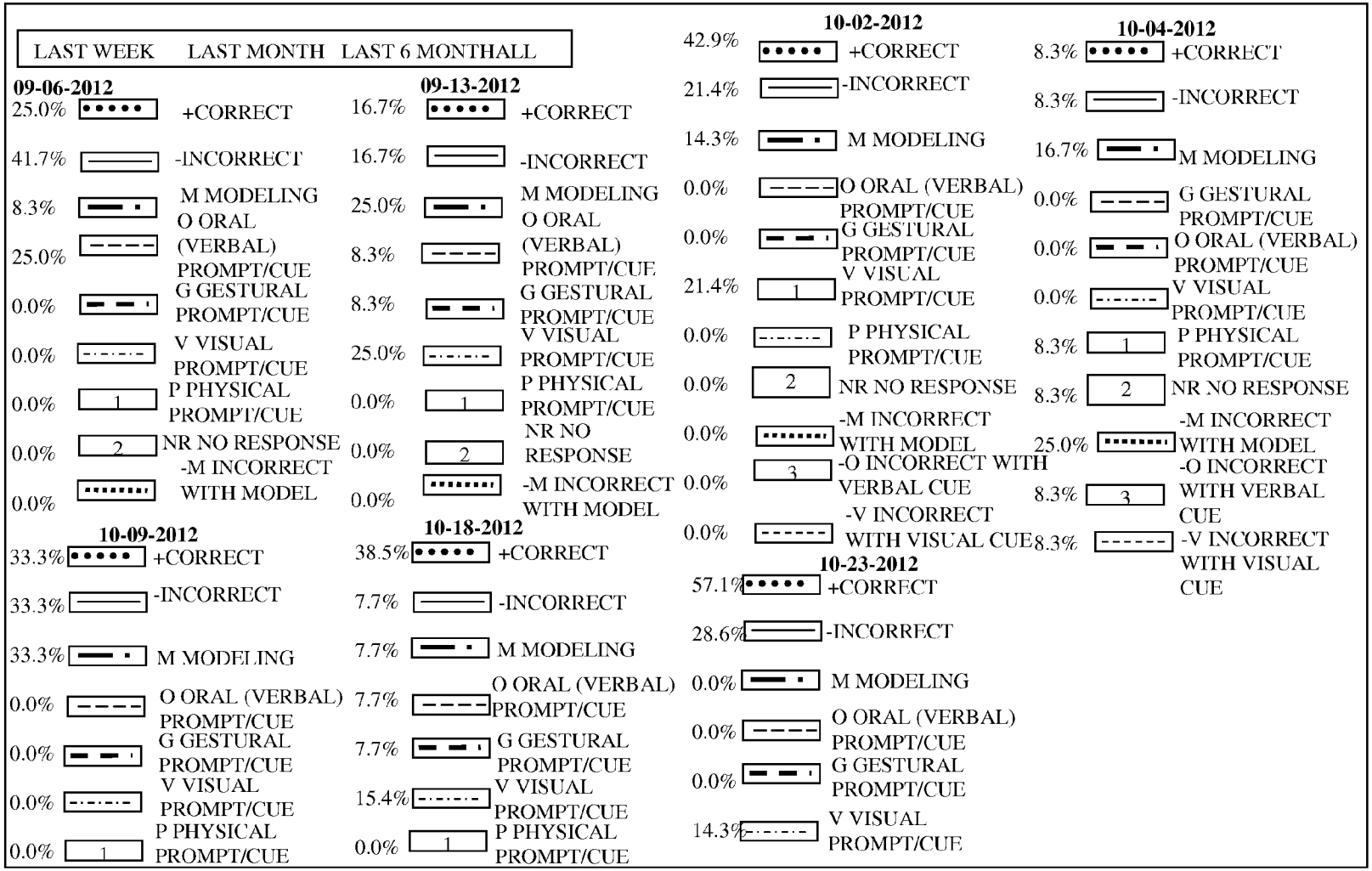

LAST WEEK
LAST MONTH
LAST 6 MONTHALL
09-06-2012
25.0% +CORRECT
41.7% -INCORRECT
8.3% M MODELING
25.0% O ORAL (VERBAL) PROMPT/CUE
0.0% G GESTURAL PROMPT/CUE
0.0% V VISUAL PROMPT/CUE
0.0% P PHYSICAL PROMPT/CUE
0.0% NR NO RESPONSE
0.0% -M INCORRECT WITH MODEL
09-13-2012
16.7% +CORRECT
16.7% -INCORRECT
25.0% M MODELING
8.3% O ORAL (VERBAL) PROMPT/CUE
8.3% G GESTURAL PROMPT/CUE
25.0% V VISUAL PROMPT/CUE
0.0% P PHYSICAL PROMPT/CUE
0.0% NR NO RESPONSE
0.0% -M INCORRECT WITH MODEL
10-02-2012
42.9% +CORRECT
21.4% -INCORRECT
14.3% M MODELING
0.0% O ORAL (VERBAL) PROMPT/CUE
0.0% G GESTURAL PROMPT/CUE
21.4% V VISUAL PROMPT/CUE
0.0% P PHYSICAL PROMPT/CUE
0.0% NR NO RESPONSE
0.0% -M INCORRECT WITH MODEL
0.0% -O INCORRECT WITH VERBAL CUE
0.0% -V INCORRECT WITH VISUAL CUE
10-04-2012
8.3% +CORRECT
8.3% -INCORRECT
16.7% M MODELING
0.0% G GESTURAL PROMPT/CUE
0.0% O ORAL (VERBAL) PROMPT/CUE
0.0% V VISUAL PROMPT/CUE
8.3% P PHYSICAL PROMPT/CUE
8.3% NR NO RESPONSE
25.0% -M INCORRECT WITH MODEL
8.3% -O INCORRECT WITH VERBAL CUE
8.3% -V INCORRECT WITH VISUAL CUE
10-09-2012
33.3% +CORRECT
33.3% -INCORRECT
33.3% M MODELING
0.0% O ORAL (VERBAL) PROMPT/CUE
0.0% G GESTURAL PROMPT/CUE
0.0% V VISUAL PROMPT/CUE
0.0% P PHYSICAL PROMPT/CUE
10-18-2012
38.5% +CORRECT
7.7% -INCORRECT
7.7% M MODELING
7.7% O ORAL (VERBAL) PROMPT/CUE
7.7% G GESTURAL PROMPT/CUE
15.4% V VISUAL PROMPT/CUE
0.0% P PHYSICAL PROMPT/CUE
10-23-2012
57.1% +CORRECT
28.6% -INCORRECT
0.0% M MODELING
0.0% O ORAL (VERBAL) PROMPT/CUE
0.0% G GESTURAL PROMPT/CUE
14.3% V VISUAL PROMPT/CUE

FIG. 9G

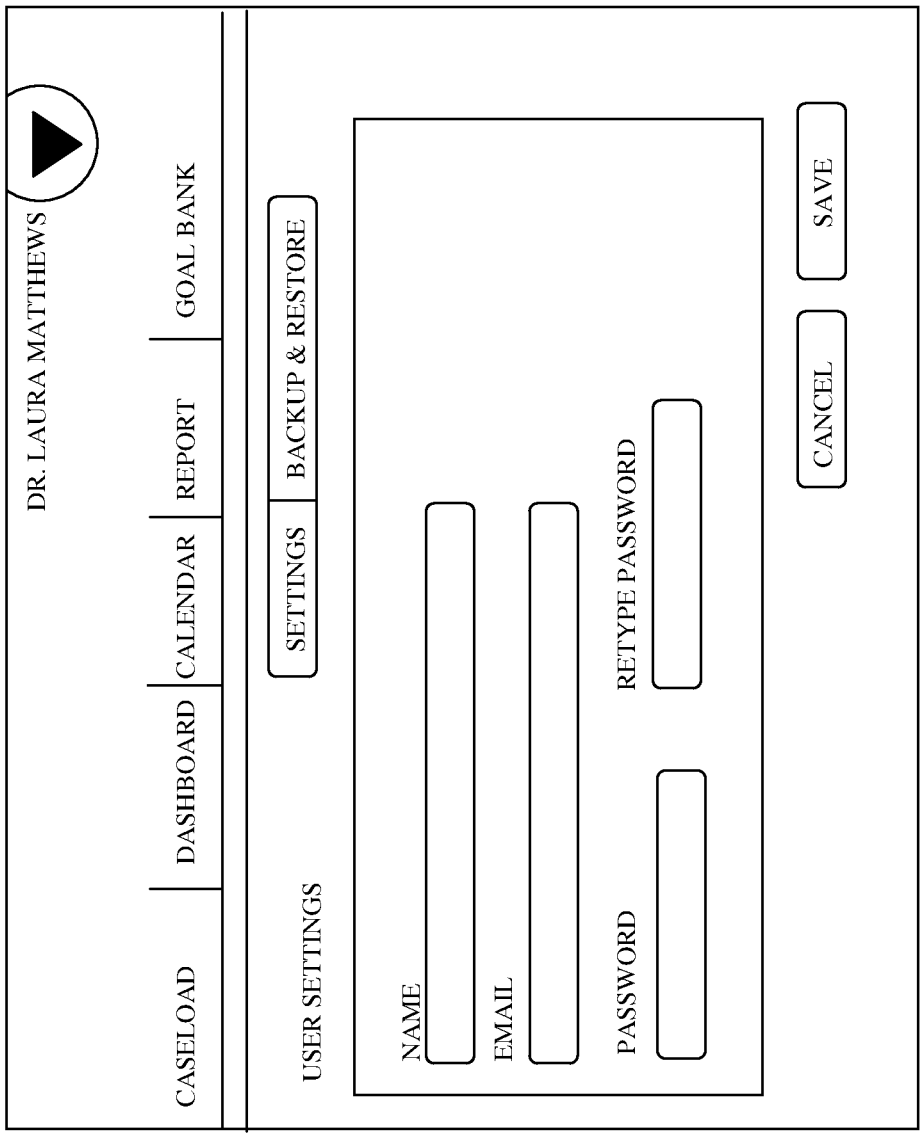

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
NAME
EMAIL
PASSWORD
RETYPE PASSWORD
CANCEL
SAVE

FIG. 10A

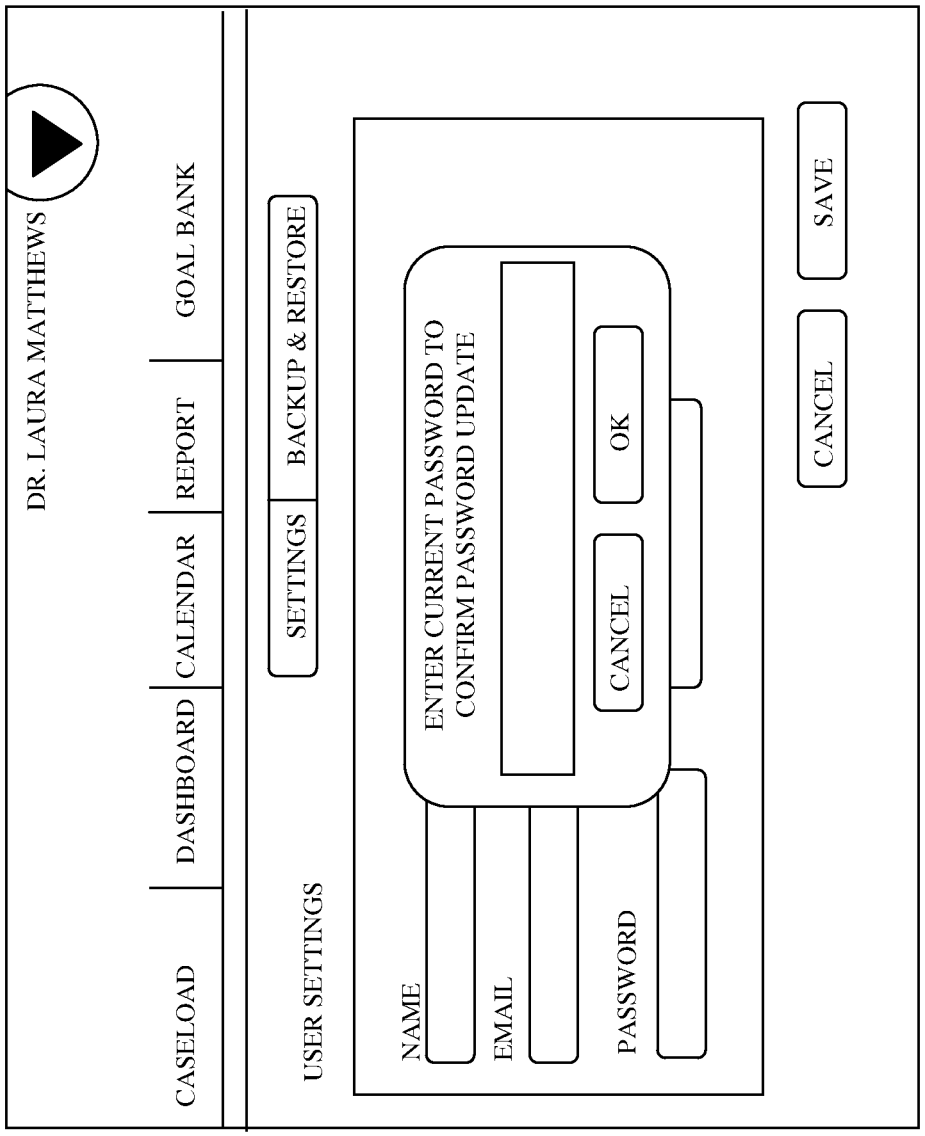

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
NAME
EMAIL
PASSWORD
ENTER CURRENT PASSWORD TO CONFIRM PASSWORD UPDATE
CANCEL
OK
CANCEL
SAVE

FIG. 10B

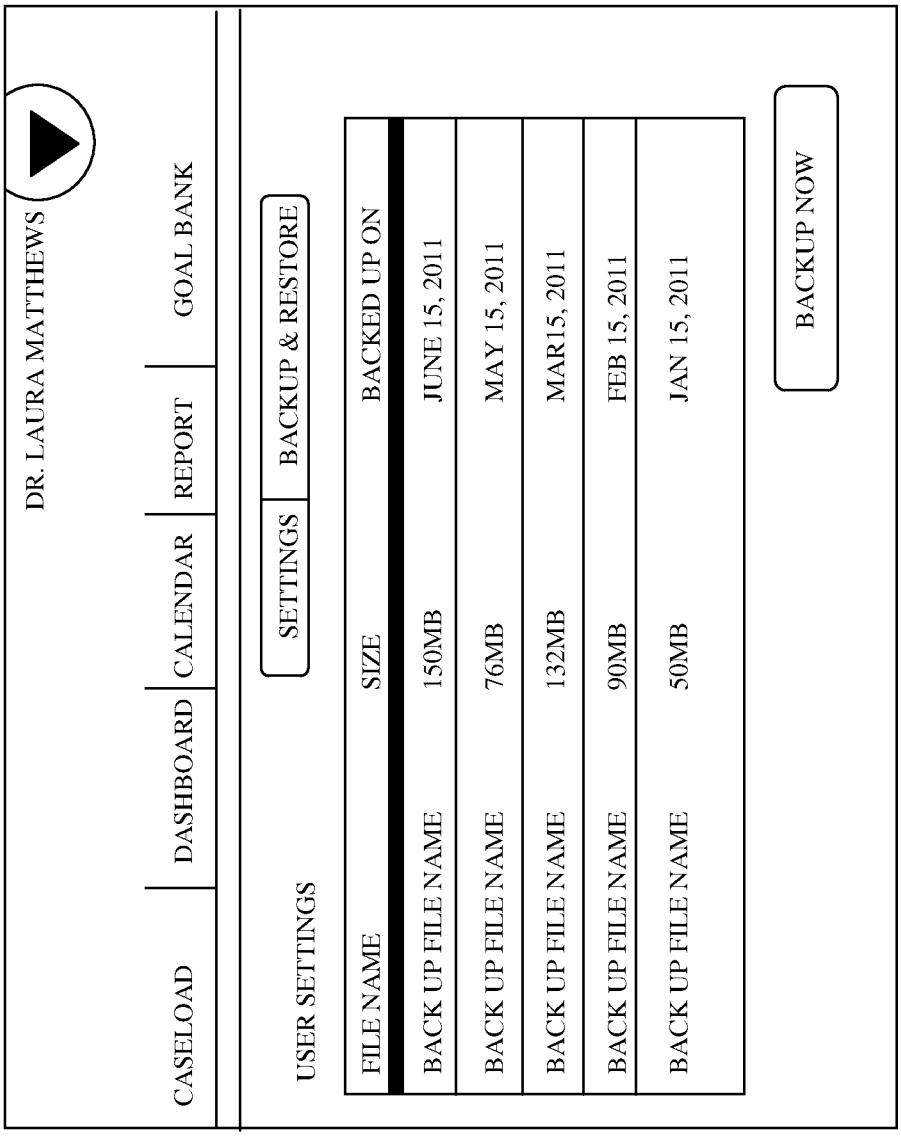

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
SIZE
BACKED UP ON
BACK UP FILE NAME
150MB
JUNE 15, 2011
BACK UP FILE NAME
76MB
MAY 15, 2011
BACK UP FILE NAME
132MB
MAR15, 2011
BACK UP FILE NAME
90MB
FEB 15, 2011
BACK UP FILE NAME
50MB
JAN 15, 2011
BACKUP NOW

FIG. 10C

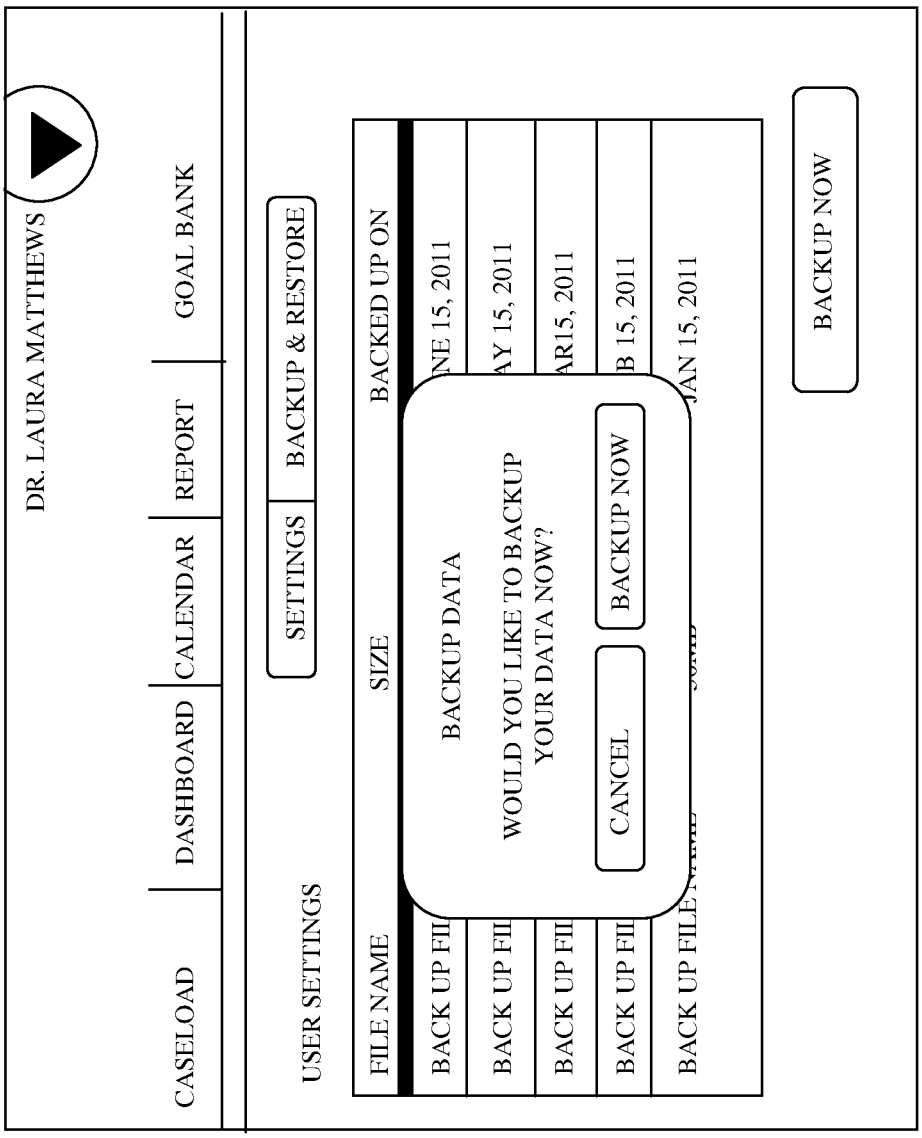

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
SIZE
BACKED UP ON
BACK UP FIL
NE 15, 2011
BACK UP FIL
AY 15, 2011
BACK UP FIL
AR15, 2011
BACK UP FIL
B 15, 2011
BACK UP FILE
JAN 15, 2011
BACKUP DATA
WOULD YOU LIKE TO BACKUP YOUR DATA NOW?
CANCEL
BACKUP NOW
BACKUP NOW

FIG. 10D

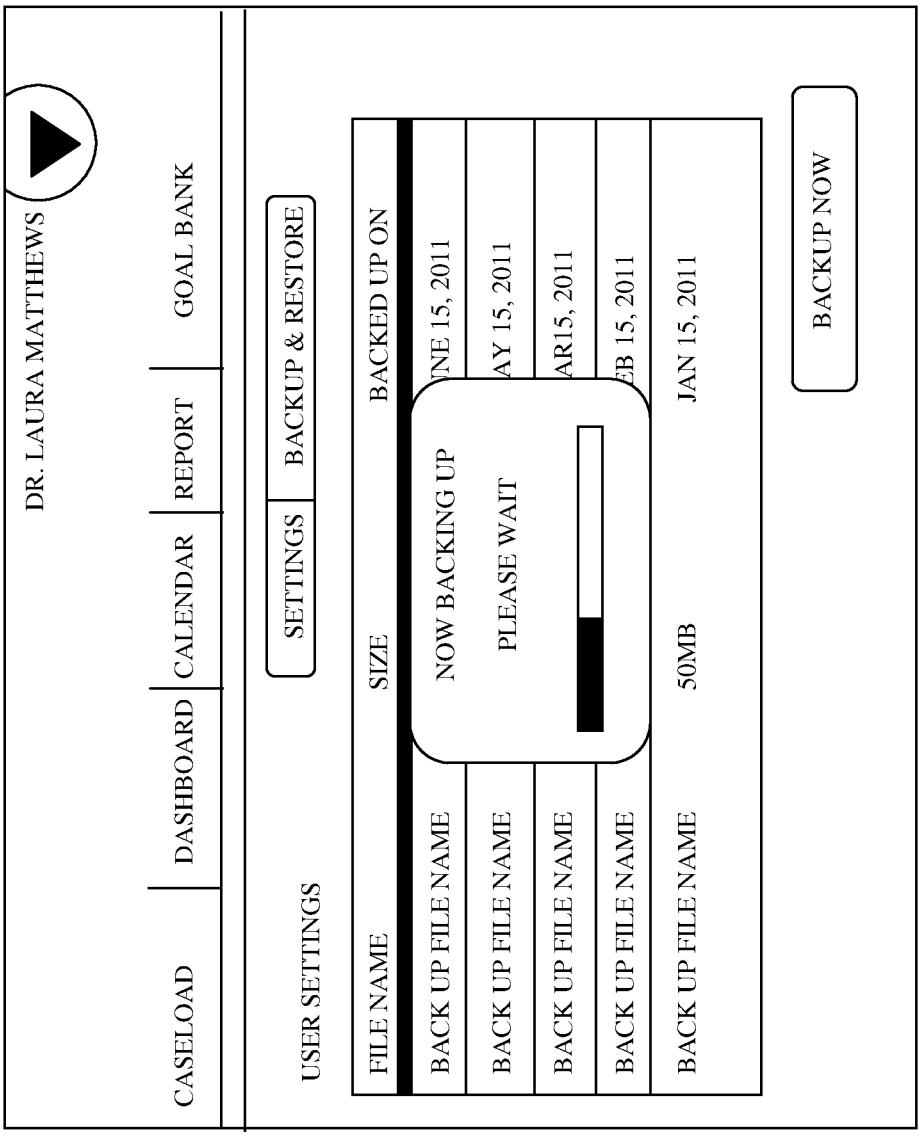

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
SIZE
BACKED UP ON
BACK UP FILE NAME
50MB
JAN 15, 2011
NOW BACKING UP
PLEASE WAIT
BACKUP NOW

FIG. 10E

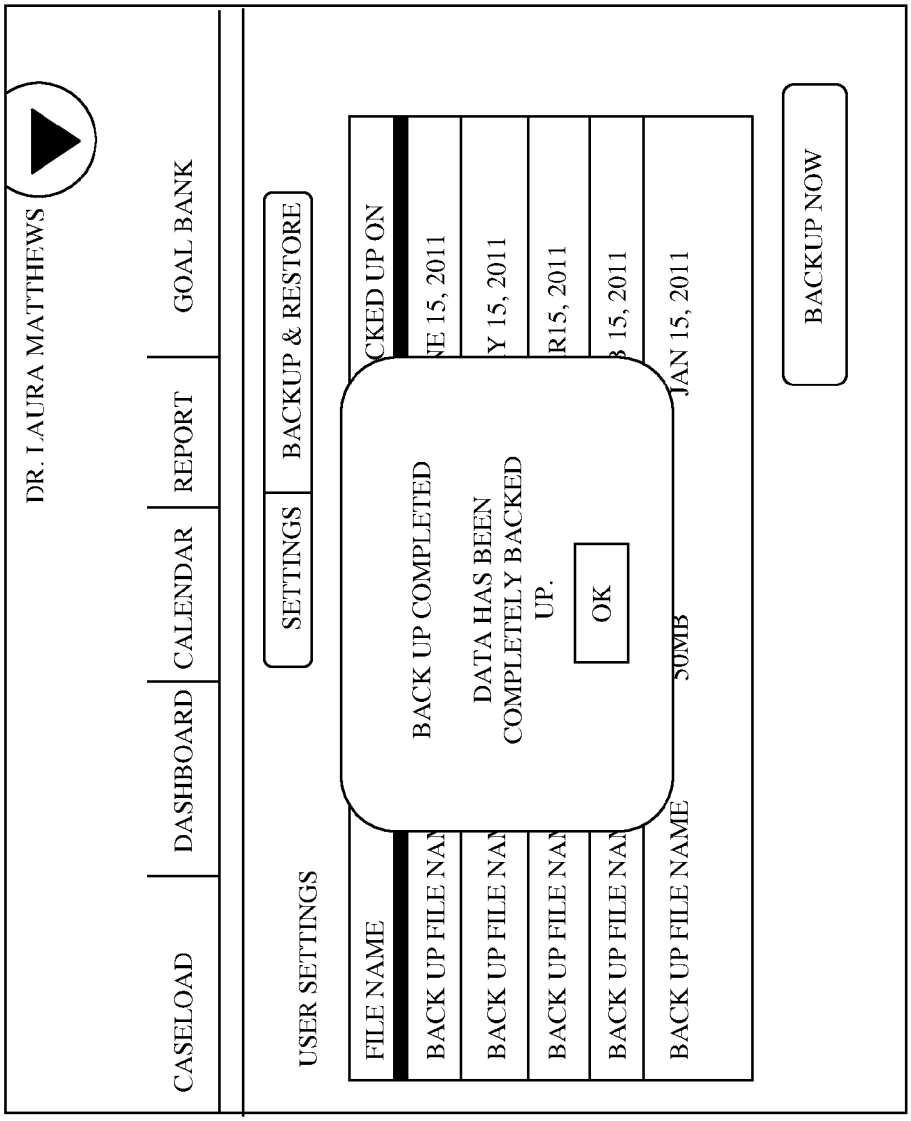

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
CKED UP ON
NE 15, 2011
Y 15, 2011
R15, 2011
15, 2011
JAN 15, 2011
BACK UP COMPLETED
DATA HAS BEEN COMPLETELY BACKED UP.
OK
BACKUP NOW

FIG. 10F

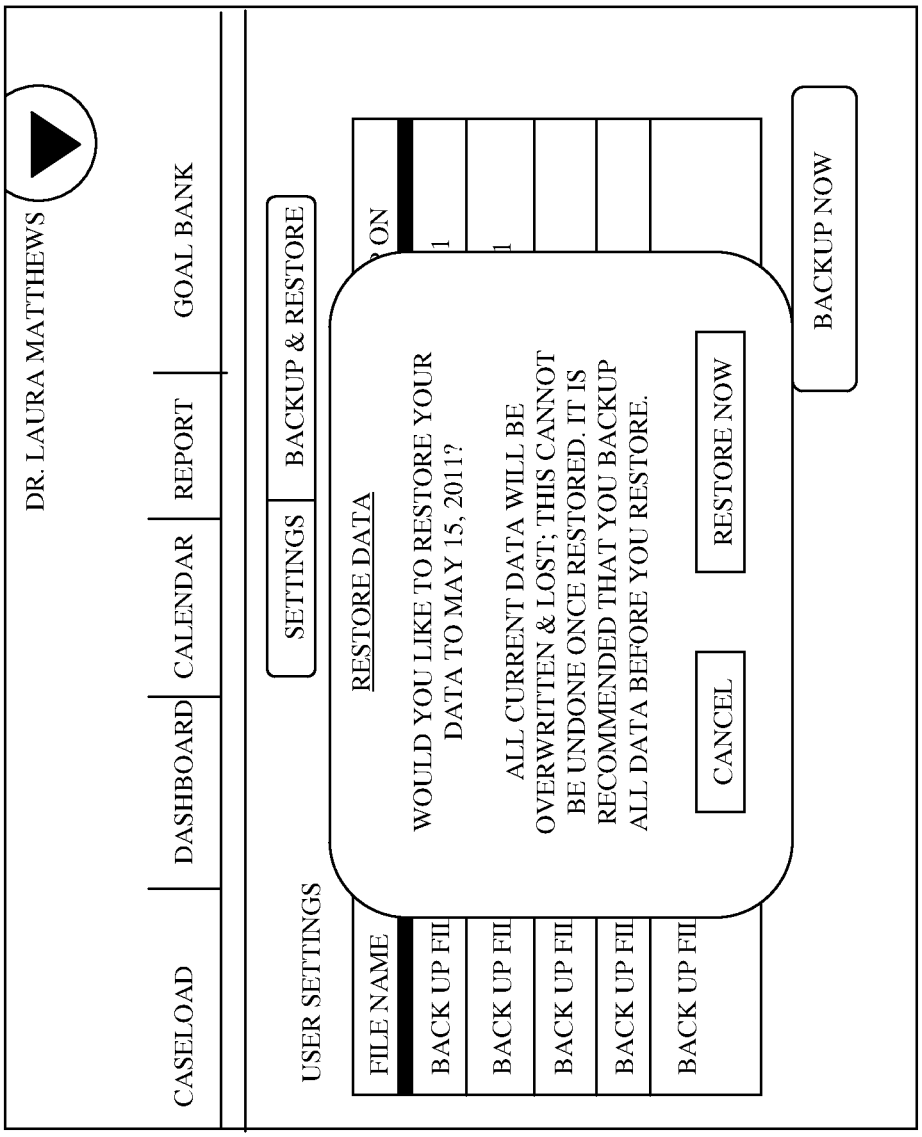

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
RESTORE DATA
WOULD YOU LIKE TO RESTORE YOUR DATA TO MAY 15, 2011?
ALL CURRENT DATA WILL BE OVERWRITTEN & LOST; THIS CANNOT BE UNDONE ONCE RESTORED. IT IS RECOMMENDED THAT YOU BACKUP ALL DATA BEFORE YOU RESTORE.
CANCEL
RESTORE NOW
BACKUP NOW
FILE NAME
BACK UP FIL
BACK UP FIL
BACK UP FIL
BACK UP FIL
BACK UP FIL

FIG. 10G

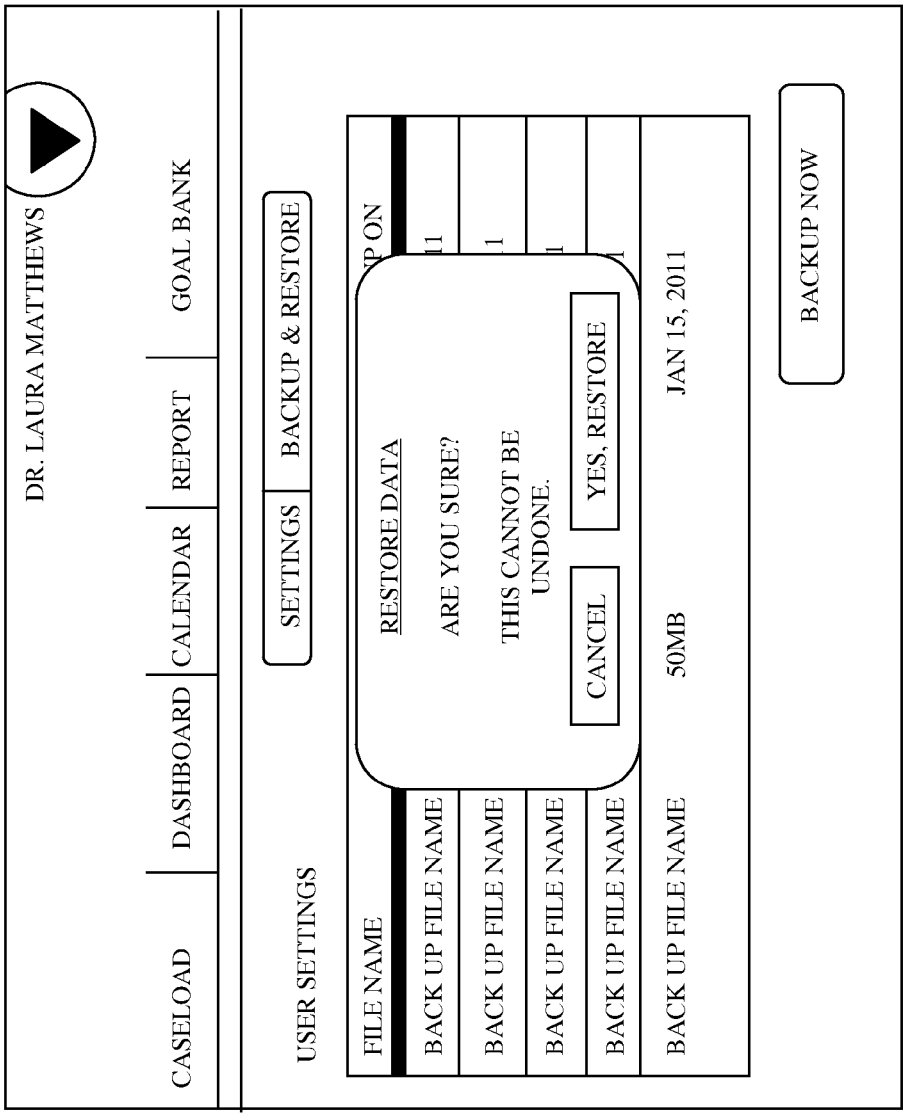

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
RESTORE DATA
ARE YOU SURE?
THIS CANNOT BE UNDONE.
CANCEL
YES, RESTORE
50MB
JAN 15, 2011
BACKUP NOW

FIG. 10H

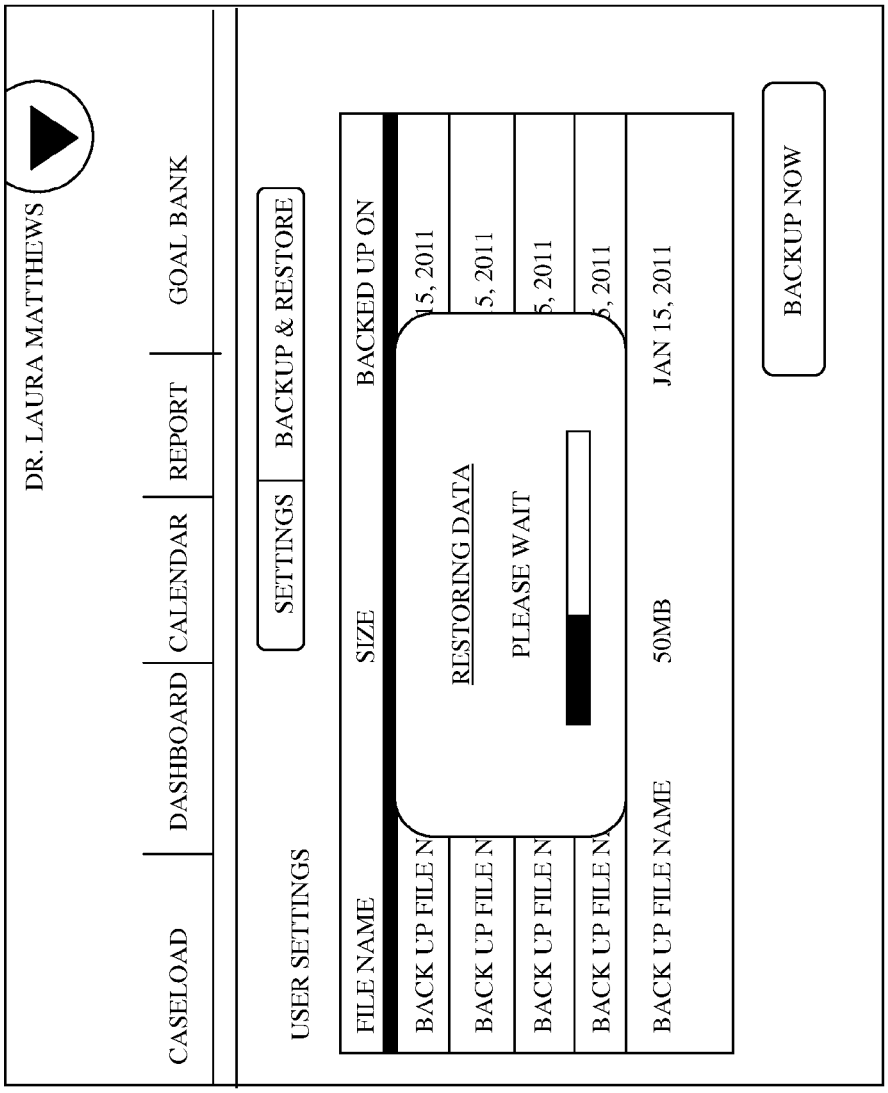

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
SIZE
BACKED UP ON
BACK UP FILE N
BACK UP FILE N
BACK UP FILE N
BACK UP FILE N
BACK UP FILE NAME
50MB
JAN 15, 2011
RESTORING DATA
PLEASE WAIT
BACKUP NOW

FIG. 10I

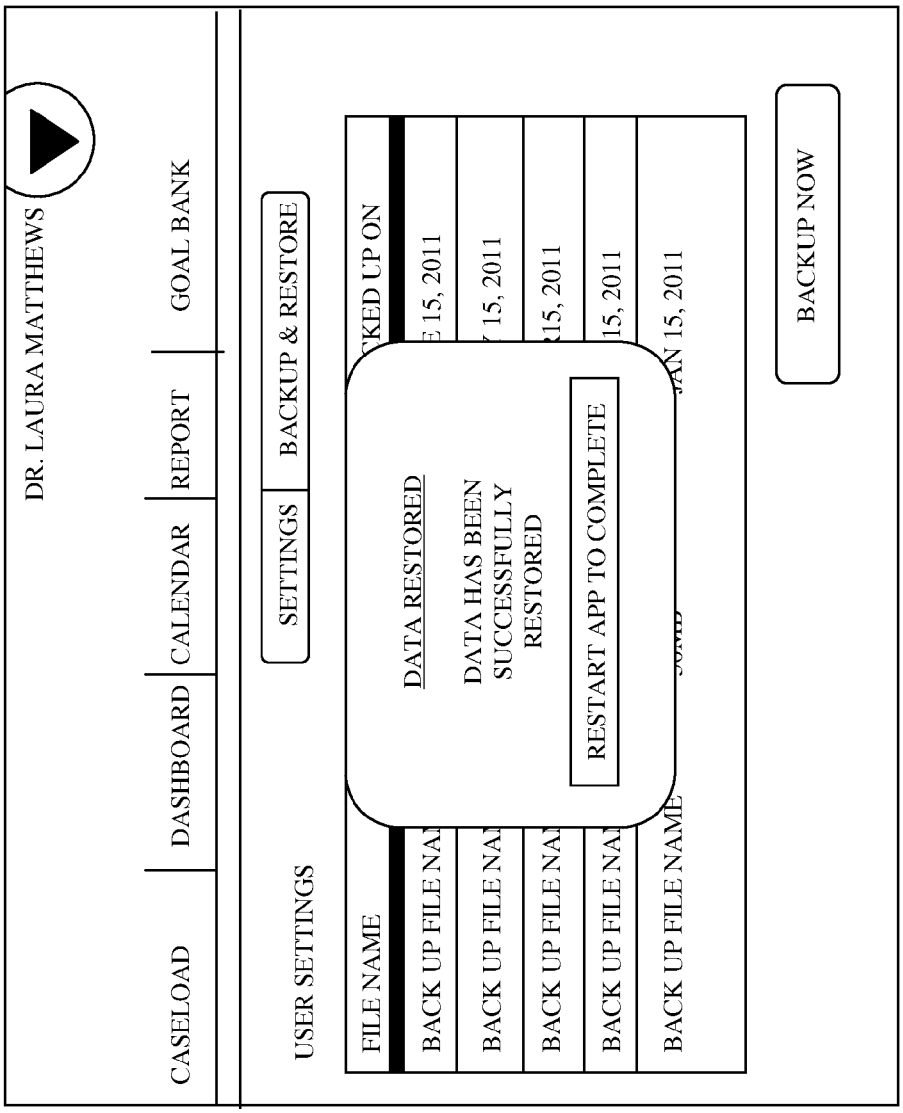

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
BACK UP FILE NAME
DATA RESTORED
DATA HAS BEEN SUCCESSFULLY RESTORED
RESTART APP TO COMPLETE
BACKUP NOW

FIG. 10J

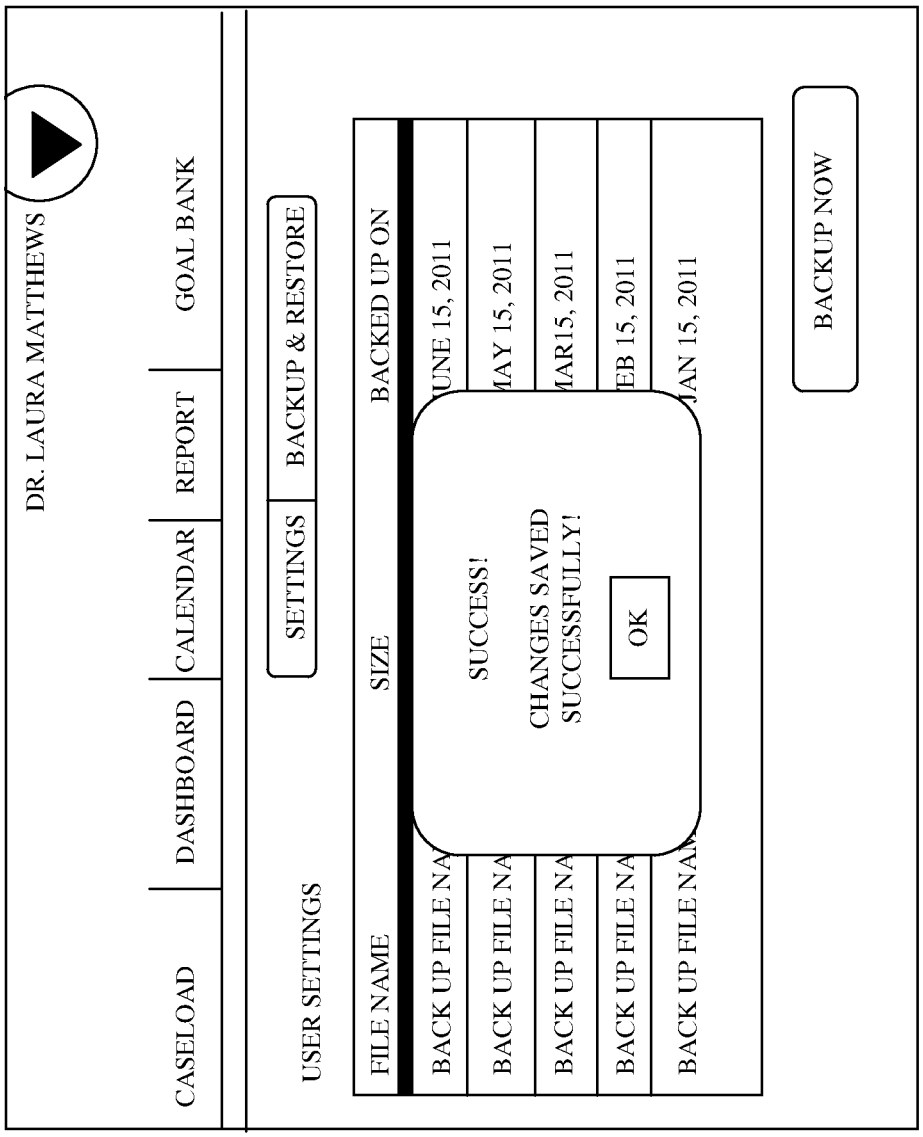

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
SIZE
BACKED UP ON
BACK UP FILE NA
UNE 15, 2011
BACK UP FILE NA
MAY 15, 2011
BACK UP FILE NA
MAR15, 2011
BACK UP FILE NA
EB 15, 2011
BACK UP FILE NAM
JAN 15, 2011
SUCCESS!
CHANGES SAVED
SUCCESSFULLY!
OK
BACKUP NOW

FIG. 10K

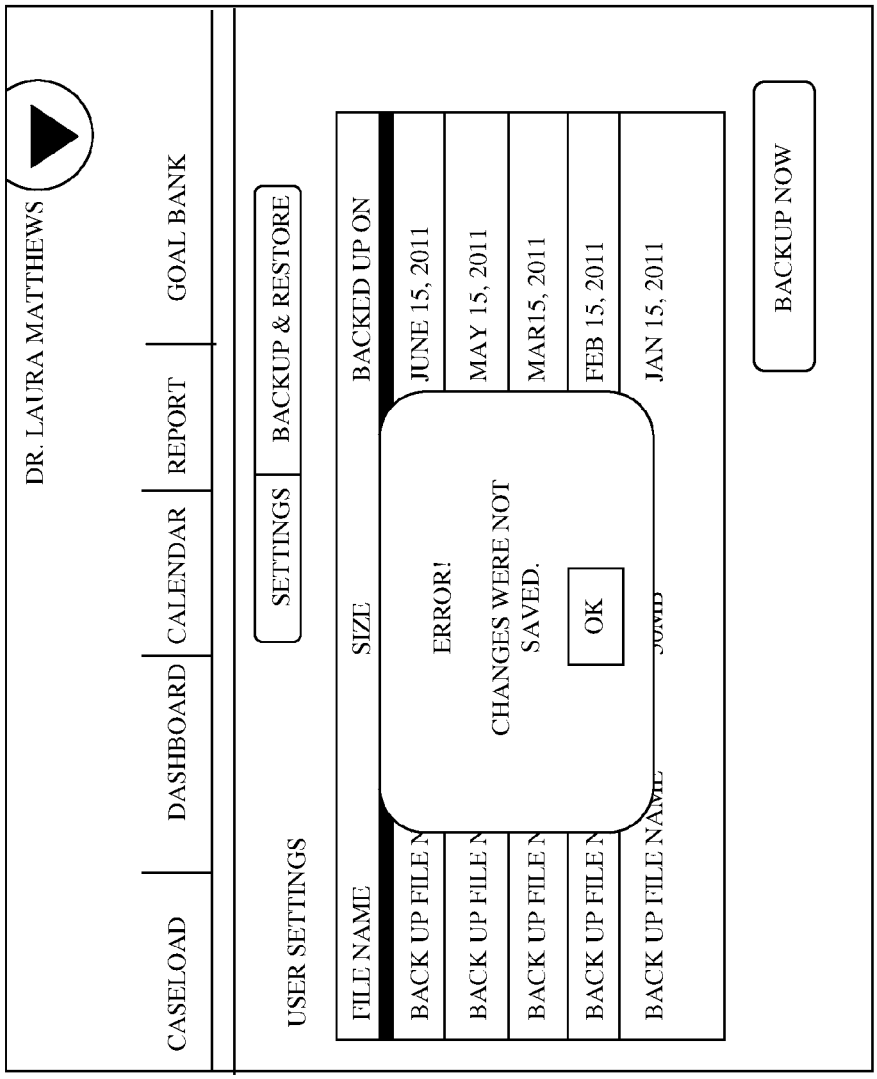

DR. LAURA MATTHEWS
CASELOAD
DASHBOARD
CALENDAR
REPORT
GOAL BANK
USER SETTINGS
SETTINGS
BACKUP & RESTORE
FILE NAME
SIZE
BACKED UP ON
BACK UP FILE N
JUNE 15, 2011
BACK UP FILE N
MAY 15, 2011
BACK UP FILE N
MAR15, 2011
BACK UP FILE N
FEB 15, 2011
BACK UP FILE NAME
JAN 15, 2011
ERROR!
CHANGES WERE NOT SAVED.
OK
BACKUP NOW

FIG. 10L

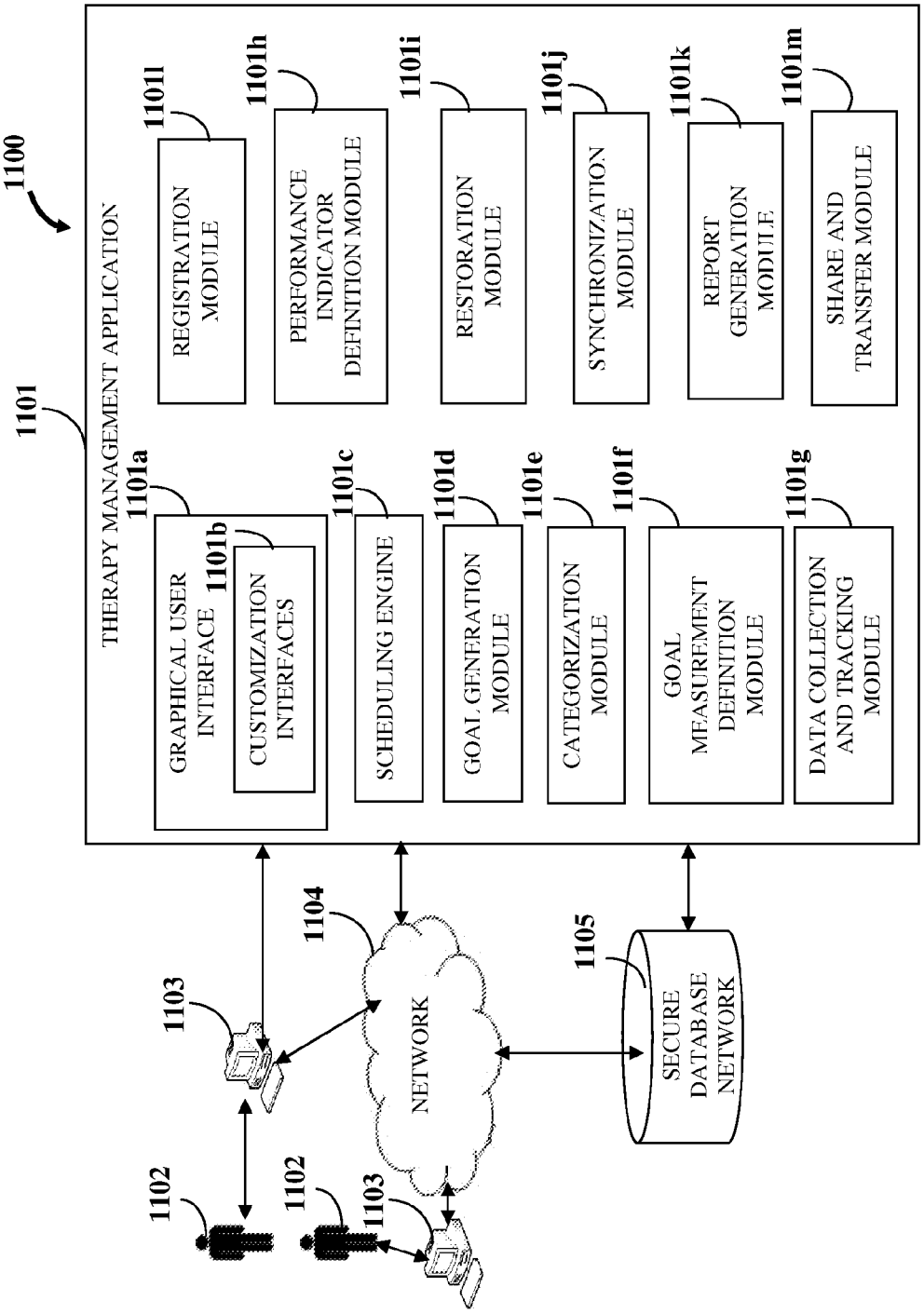

1100
1101
THERAPY MANAGEMENT APPLICATION
1101a
GRAPHICAL USER INTERFACE
1101b
CUSTOMIZATION INTERFACES
1101c
SCHEDULING ENGINE
1101d
GOAL GENERATION MODULE
1101e
CATEGORIZATION MODULE
1101f
GOAL MEASUREMENT DEFINITION MODULE
1101g
DATA COLLECTION AND TRACKING MODULE
1101h
PERFORMANCE INDICATOR DEFINITION MODULE
1101i
RESTORATION MODULE
1101j
SYNCHRONIZATION MODULE
1101k
REPORT GENERATION MODULE
1101l
REGISTRATION MODULE
1101m
SHARE AND TRANSFER MODULE
1102
1102
1103
1103
1104
NETWORK
1105
SECURE DATABASE NETWORK

FIG. 11

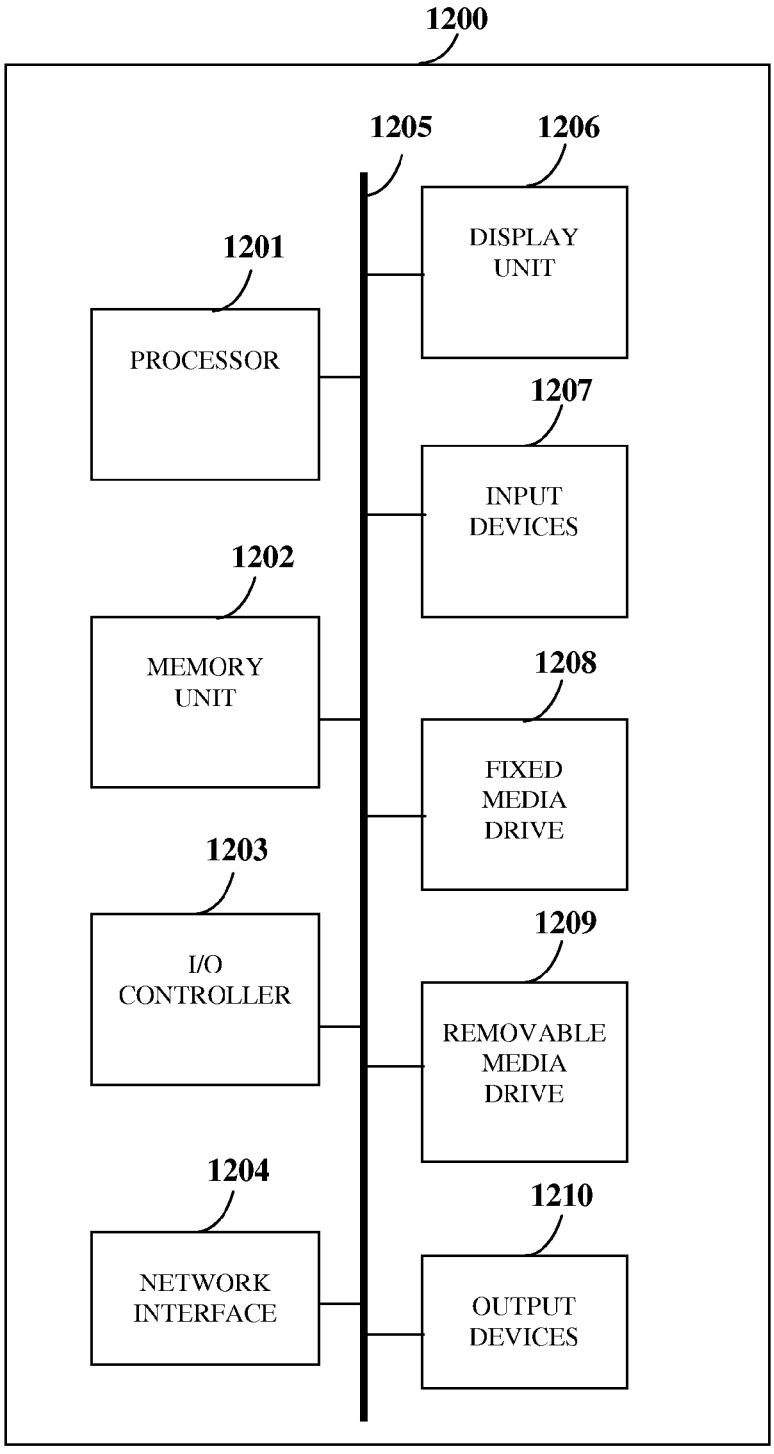

1200
1205
1206
DISPLAY UNIT
1201
PROCESSOR
1207
INPUT DEVICES
1202
MEMORY UNIT
1208
FIXED MEDIA DRIVE
1203
I/O CONTROLLER
1209
REMOVABLE MEDIA DRIVE
1204
NETWORK INTERFACE
1210
OUTPUT DEVICES

FIG. 12

THERAPY TRACKING AND MANAGEMENT SYSTEM

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the benefit of provisional patent application No. 61/555,497 titled "Therapy Tracking And Management System", filed on Nov. 4, 2011 in the United States Patent and Trademark Office.

[0002] The specification of the above referenced patent application is incorporated herein by reference in its entirety.

BACKGROUND

[0003] For years, a major complaint of therapists, for example, speech-language pathologists, teachers, occupational therapists, physical therapists, behaviorists, etc., has been the large amount of paperwork needed to maintain and track data associated with the therapy of their clients to comply with state standards. Currently, the data is tracked manually, which is tedious, time consuming, and often difficult to perform accurately when a therapist or a teacher is dealing with more than one patient in a therapy session. Paperwork and old-school data tracking using a paper and a pencil costs therapists or teachers precious time, which could be better utilized in providing therapy to patients and students. These facts, combined with the increasing number of patients who qualify for special services, for example, speech and language therapy, have imposed a burden on practicing therapists such as speech-language pathologists, occupational therapists, physical therapists, teachers, etc. As a result, lawsuits against schools and therapists for practices that are not in compliance with state standards have also increased. Hence, there is a need for a computer implemented method and system that enables a therapist to easily and accurately track data associated with each patient during each therapy session and to present the tracked data to lawyers or education officials in the event of lawsuits.

[0004] Currently, therapists who provide therapy service in public schools are required to present each individual student's progress reports at annual meetings. Due to the archaic way the data associated with each student's progress during each therapy session is currently tracked, reports from the therapists are not as accurate as they could be and are subjective. Moreover, because there is no standard way of tracking the data associated with each student's progress, the reports provided by the therapists are far from standardized, which is confusing and frustrating for parents and school officials. Hence, there is a need for a computer implemented method and system that allows therapists to generate standardized progress reports.

[0005] Hence, there is a long felt but unresolved need for a computer implemented method and system that tracks and manages therapy sessions provided to multiple clients, and their associated data, and generates progress reports for each of the clients.

SUMMARY OF THE INVENTION

[0006] This summary is provided to introduce a selection of concepts in a simplified form that are further disclosed in the detailed description of the invention. This summary is not intended to identify key or essential inventive concepts of the claimed subject matter, nor is it intended for determining the scope of the claimed subject matter.

[0007] The computer implemented method and system disclosed herein address the above stated needs for tracking and managing therapy sessions provided to multiple clients, and their associated data, and generating progress reports for each of the clients. As used herein, the term "therapy" refers to a treatment of a disease or a disorder, for example, by a remedial, rehabilitating, or curative process. The computer implemented method and system disclosed herein provides a therapy management application executable by at least one processor configured to track and manage therapy sessions. The therapy management application is accessible by an electronic device, for example, a computing device such as a tablet computer, a personal computer, a mobile communication device, a laptop computer, a personal digital assistant, etc., in multiple access modes. As used herein, the term, "access modes" refers to different modes for accessing the therapy management application. The access modes for accessing the therapy management application comprise, for example, a wireless access mode, a wired access mode, an online access mode, an offline access mode, etc. The therapy management application can be accessed in an offline access mode, for example, without a connection to a network such as the internet, or in an online access mode, for example, with a connection to a network such as the internet. In an embodiment, the therapy management application is configured as a web based software application downloadable on an electronic device of an evaluator. In another embodiment, the therapy management application is configured as a web based platform, for example, a website hosted on a server or a network of servers. As used herein, the term "evaluator" refers to an individual or an entity, for example, an occupational therapist, a physical therapist, a speech language pathologist, a teacher, a behaviorist, a medical practitioner, etc., skilled or trained in the use of physical methods such as exercises, medical treatments, therapies, etc., or in psychological methods for evaluating, diagnosing, treating, rehabilitating, or counseling the sick or wounded, or for providing assistance to patients to overcome physical defects, mental disorders, psychological problems, etc. The therapy management application registers an evaluator via a graphical user interface (GUI) provided by the therapy management application.

[0008] The therapy management application schedules therapy sessions with multiple clients. As used herein, the term "client" refers to a patient, a student, a follower, a customer, an applicant, etc., who requires evaluation, professional advice, therapy, counseling, diagnosis, treatment, etc., from an evaluator such as a therapist. The therapy management application generates one or more goals for each of the clients based on an evaluation of each of the clients in the scheduled therapy sessions. As used herein, the term "goals" refers to areas of deficit for a client that the client needs to improve upon, as determined by an evaluator based on the evaluation of the client in each of the therapy sessions. The therapy management application categorizes the generated goals for each of the clients into one or more of multiple goal categories. As used herein, the term "goal categories" refers to classifications for goals to be reached by clients. In an embodiment, the therapy management application is configured to define the goal categories based on goals in a field of therapy. Furthermore, the therapy management application defines one or more goal measurements for each of the generated goals within each of the goal categories. As used herein, the term "goal measurement" refers to an item or a

component that the therapy management application has chosen to measure in order to determine a client's progress towards achieving a particular goal. Moreover, the therapy management application defines multiple performance indicators for tracking the performance of each of the clients for each of the generated goals. As used herein, the term "performance indicator" refers to a key, a benchmark, a symbol, or a scale using which, the performance of a client in achieving a goal can be measured or indicated.

[0009] The therapy management application collects and tracks data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements via the GUI of the therapy management application. In an embodiment, the therapy management application provides one or more customization interfaces configured to acquire inputs from an evaluator, for example, for addition of one or more goal categories, addition of one or more goal measurements within the goal categories, customization of one or more performance indicators, collection of data associated with the scheduled therapy sessions, etc. The therapy management application generates progress reports based on performance of each of the clients for each of the generated goals using the collected and tracked data. The progress report is, for example, a score sheet or an evaluation report, a graphical representation, etc., that shows a client's performance in the therapy sessions with respect to the goals to be achieved. In an embodiment, the therapy management application is configured to generate the progress reports in one or more of multiple graphical representations based on time criteria. The evaluator selects the time criteria via the GUI.

[0010] The computer implemented method and system disclosed herein provides a database network in communication with the therapy management application. The database network is configured to store and dynamically update the data acquired from the scheduled therapy sessions and the generated progress reports of each of the clients for each of the generated goals based on a preconfigured time interval. The evaluator configures a time interval for the period for which the collected data is to be stored in the database network. In an embodiment, the therapy management application restores the data acquired from the scheduled therapy sessions of each of the clients for a preconfigured time interval, on receiving an indication from the evaluator via the GUI.

[0011] In an embodiment, the therapy management application selectively shares profile information of one or more clients, the generated goals of one or more clients, the collected and tracked data acquired from the scheduled therapy sessions of one or more clients for each of the defined goal measurements, and the generated progress reports of one or more clients among evaluators. In another embodiment, the therapy management application controls access to the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements, thereby allowing members of a therapy management team to have limited access or full access to the collected and tracked data of the clients. The therapy management application securely transfers one or more of the profile information of one or more clients, the generated goals of one or more clients, the collected and tracked data acquired from the scheduled therapy sessions of one or more clients for each of the defined goal measurements, and the generated progress reports of one or more of the clients for each of the generated goals, to one or more evaluators via a network for subsequent evaluation of the clients based on transfer criteria. The therapy management application shares and transfers profile information of the clients, the generated goals, and the generated progress reports with a therapy management team of evaluators, for example, other treating therapists. In an embodiment, the therapy management application automatically synchronizes the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements in an offline access mode, with the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements in an online access mode.

[0012] In an embodiment, the web-based therapy management application is maintained, for example, by two secure, central database networks with advanced encryption standard (AES) 256-bit encryption, regular backups, and firewall protection, in compliance with the Health Insurance Portability and Accountability Act (HIPAA) of 1996.

BRIEF DESCRIPTION OF THE DRAWINGS

[0013] The foregoing summary, as well as the following detailed description of the invention, is better understood when read in conjunction with the appended drawings. For the purpose of illustrating the invention, exemplary constructions of the invention are shown in the drawings. However, the invention is not limited to the specific methods and components disclosed herein.

[0014] FIG. **1** illustrates a computer implemented method for managing and tracking therapy sessions.

[0015] FIGS. **2**A-**2**D exemplarily illustrate a logic flow diagram of options provided by a therapy management application for tracking and managing therapy sessions.

[0016] FIGS. **3**A-**3**E exemplarily illustrate screenshots of a graphical user interface of the therapy management application for registering and logging a therapist into the therapy management application.

[0017] FIGS. **4**A-**4**L exemplarily illustrate screenshots of a graphical user interface of the therapy management application for configuring member settings and managing a membership of a therapist.

[0018] FIGS. **5**A-**5**H exemplarily illustrate screenshots of a graphical user interface of the therapy management application for adding clients, providing information associated with the clients, and for managing the clients.

[0019] FIGS. **6**A-**6**S exemplarily illustrate screenshots of a calendar interface of the therapy management application for scheduling therapy sessions and enabling a therapist to record appointments with one or more clients.

[0020] FIGS. **7**A-**7**H exemplarily illustrate screenshots of a graphical user interface of the therapy management application for acquiring data from scheduled therapy sessions of a client for goal measurements defined by the therapy management application for goals to be achieved by the client.

[0021] FIGS. **8**A-**8**O exemplarily illustrate screenshots of a graphical user interface of the therapy management application for assigning goals, editing goals, and adding new goals based on therapy sessions scheduled and conducted for clients.

[0022] FIGS. **9**A-**9**G exemplarily illustrate screenshots of a graphical user interface of the therapy management application, showing generation and display of progress reports.

[0023] FIGS. **10**A-**10**L exemplarily illustrate screenshots of a graphical user interface of the therapy management application for backing up and restoring collected and tracked data acquired from scheduled therapy sessions.

[0024] FIG. **11** exemplarily illustrates a computer implemented system for managing and tracking therapy sessions.

[0025] FIG. **12** exemplarily illustrates the architecture of a computer system employed by the therapy management application for managing and tracking therapy sessions.

DETAILED DESCRIPTION OF THE INVENTION

[0026] FIG. **1** illustrates a computer implemented method for managing and tracking therapy sessions. The therapy session is, for example, an individual therapy session, a group therapy session, etc., where an evaluator meets with clients who require therapy, for example, speech therapy. As used herein, the term "evaluator" refers to an individual or an entity, for example, an occupational therapist, a physical therapist, a speech language pathologist, a teacher, a behaviorist, a medical practitioner, etc., skilled or trained in the use of physical methods such as exercises, medical treatments, therapies, etc., or in psychological methods for evaluating, diagnosing, treating, rehabilitating, or counseling the sick or wounded, or for providing assistance to patients to overcome physical defects, mental disorders, psychological problems, etc. Also, as used herein, the term "therapy" refers to a treatment of a disease or a disorder, for example, by a remedial, rehabilitating, or curative process.

[0027] The computer implemented method disclosed herein provides **101** a therapy management application executable by at least one processor configured to track and manage therapy sessions. The therapy management application is accessible by an electronic device, for example, a computing device such as a tablet computing device such as the iPhone®, the iPad®, etc., of Apple Inc., a laptop computer, a personal computer, a personal digital assistant, a communication device, a mobile medical device, a handheld device, other portable and non-portable communication devices, etc., a personal computer, a mobile communication device, etc., in multiple access modes. As used herein, the term "access modes" refers to different modes for accessing the therapy management application. The access modes for accessing the therapy management application comprise, for example, a wireless access mode, a wired access mode, an online access mode, an offline access mode, etc.

[0028] The therapy management application can be accessed in an offline access mode, for example, without a connection to a network such as the internet, or in an online access mode, for example, with a connection to a network such as the internet. In an example, if an evaluator such as a therapist is using a web based therapy management application on a tablet computing device such as the iPad®, the therapist can utilize the therapy management application in an offline access mode, for example, without a network connection such as an internet connection and automatically synchronize the data from the scheduled therapy sessions that is collected and tracked by the therapy management application when the therapist gains access to an internet connection or WiFi® of the Wireless Ethernet Compatibility Alliance, Inc. The therapy management application can be synchronized with any electronic device. The therapy management application is accessible, for example, through a wide spectrum of technologies and devices such as general packet radio service (GPRS), third generation (3G), fourth generation (4G), or other internet enabled cellular phones and tablet computing devices, computers with connection to the internet or other networks, etc.

[0029] In an embodiment, the therapy management application is configured as a web based software application downloadable on an electronic device of an evaluator. In another embodiment, the therapy management application is configured as a web based platform, for example, a website hosted on a server or a network of servers. The evaluator is, for example, a therapist or a speech-language pathologist who assesses, diagnoses, treats, and helps prevent disorders related to speech, language, cognitive-communication, voice, swallowing, fluency, etc., or a teacher. In an embodiment, the therapy management application registers the evaluator via a graphical user interface (GUI) provided by the therapy management application.

[0030] On registration, the therapy management application enables the evaluator to schedule therapy sessions for clients, define goals for the clients, define goal measurements, and track progress of the clients in achieving the goals during the scheduled therapy sessions. The therapy management application schedules **102** therapy sessions with multiple clients as disclosed in the detailed description of FIGS. **2**A-**2**D and FIGS. **6**A-**6**S. As used herein, the term "client" refers, for example, to a patient, a student, a follower, a customer, an applicant, etc., who requires evaluation, professional advice, diagnosis, therapy, treatment, counseling, etc., from an evaluator such as a therapist. For purposes of illustration, the detailed description refers to a therapist as an evaluator; however the scope of the computer implemented method and system disclosed herein is not limited to an evaluator that is, the therapist but may be extended to include any evaluator, for example, a speech language pathologist, a teacher, an occupational therapist, a physical therapist, a behaviorist, a medical practitioner, etc., who is skilled to provide therapy, treatment, counseling, etc. The therapy management application manages the therapist's appointments with multiple clients and creates schedules for individual therapy sessions and group therapy sessions. In an embodiment, the therapy management application enables the therapist to create a client profile for each client as disclosed in the detailed description of FIGS. **5**A-**5**H. In an embodiment, the therapy management application displays multiple client profiles at once for group therapy sessions on the GUI.

[0031] On initiation of a therapy session with a client, the therapist assesses one or more deficient areas of the client. On determining the client's deficient areas, the therapist sets one or more goals for the client to help the client make gains in the deficient areas using the therapy management application. Goals are typically technical in nature and must be written in a specific and measurable format to keep the goals standardized and transferable, as required by a state law and healthcare policy. These goals comprise wording that is tedious and typically costs an average therapist significant time to write manually. An example of a goal written according to state standards is: "By October 2012, John Smith will increase overall intelligibility by producing /s/ sounds at the conversational speech level, in 4 out of 5 trials, with 80% accuracy with moderate cues, during structured activities, as measured by the therapist data collection". The therapy management application generates **103** one or more goals for each of the clients based on an evaluation of each of the clients performed by the therapist in the scheduled therapy sessions. As used herein, the term "goals" refers to areas of deficit for a client that the client needs to improve upon, as determined by an evaluator based on the evaluation of the client in each of the therapy sessions. The goal is a purpose of an action, for

example, the aim of undergoing therapy. The generated goals comprise common goals which are accepted, standard goals commonly assigned to clients by therapists. The therapy management application provides access to a large library of goals that can be assigned by the therapist to a client and customized based on the therapist's evaluation of the client in each of the therapy sessions.

[0032] The therapy management application allows the therapist to customize pre-formatted goals, for example, by plugging in variables or by selecting specific measurements from popup menus displayed on the GUI of the therapy management application, to generate individual goals written in accordance with the state standards for the clients. An example of a pre-formatted goal provided by the therapy management application is: "By [Date], [Name] will increase overall intelligibility by producing [Target sounds] at [Context] in [Minimum] out of [Maximum] trials, with [Accuracy %], with [Level of Cues], during [Setting] activities, as measured by the therapist data collection." The therapist customizes the pre-formatted goals for each client by entering unique values, for example, date, name, target sounds, context, number of trials, percentage accuracy, level of cues needed, etc., in the pre-formatted goals displayed on the GUI of the therapy management application. The therapy management application then enables the therapist to assign the goals to the clients. In an embodiment, the therapy management application enables therapists to define their own goals that can be customized for each client. If a therapist is not satisfied with the library of pre-formatted goals and benchmarks provided, the therapy management application allows the therapist to create his/her own custom goals and benchmarks. An example of a custom goal template generated by the therapy management application is: "By [Date], [Name] [FREE TEXT FIELD]."

[0033] The therapy management application categorizes **104** the generated goals for each of the clients into one or more of multiple goal categories as exemplarily illustrated in FIGS. **8**F-**8**O. As used herein, the term "goal categories" refers to classifications for goals to be reached by clients. In an embodiment, the therapy management application is configured to define the goal categories based on goals in a field of therapy. In an example, the therapy management application categorizes and organizes goals associated with speech and language therapy, occupational therapy, physical therapy, behavioral therapy, special education, etc., into twenty six goal categories commonly used in the field of speech and language therapy. The goal categories comprise meta-categories. The meta-categories are, for example, articulation and phonology, syntax and morphology, semantics, pragmatics, fluency, voice, preschool goals: expressive, preschool goals: receptive, attention, autism spectrum, orientation, dysphagia, problem solving, reading, motor speech, memory, occupational therapy, physical therapy, behavioral therapy, augmentative and alternative communication (AAC), executive function, social emotional, special education, etc. The therapy management application further provides sub-categories for each of the meta-categories. For example, if a meta-category is "semantics", then "increasing vocabulary" is a sub-category within the area of semantics. The therapy management application organizes a multitude of goals, broken down by category, to allow the therapist to easily select and assign the goals to a client for tracking.

[0034] Furthermore, the therapy management application defines **105** one or more goal measurements for each of the generated goals within each of one or more goal categories. As used herein, the term "goal measurement" refers to an item or a component that the therapy management application has chosen to measure in order to determine a client's progress towards achieving a particular goal. Within each of the sub-categories, the therapy management application provides an infinite number of choices for goal measurements that the therapist can choose to track. In an example, the therapist may select the meta-category as "semantics"; the sub-category as "use new vocabulary words"; and the goal measurements as "body parts", "household objects", "animals", "foods", etc. The therapist tracks data based on the goal measurements to determine how the client is progressing within a given goal using the therapy management application. The therapy management application pre-populates each meta-category with the appropriate goal measurements for ready usage by the therapist. In an embodiment, the therapy management application enables the therapist to add new goal measurements and delete undesired goal measurements. The therapist can add a goal measurement to a goal type or sub-category by clicking on an "add more measurements" button provided, for example, on a "Goal Bank" interface on the GUI of the therapy management application as exemplarily illustrated in FIGS. **8**J-**8**O.

[0035] The therapy management application collects and tracks **106** data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements via the GUI of the therapy management application. Once the goals are generated, categorized, and assigned to different clients of the therapist, the therapy management application initiates tracking of the data each of the goal measurements defined for each goal as the clients attempt to make progress in their areas of deficiency. In an embodiment, the therapy management application defines multiple performance indicators for tracking performance of each of the clients for each of the assigned goals. As used herein, the term "performance indicator" refers to a key, a benchmark, a symbol, or a scale using which, the performance of a client in achieving a goal can be measured or indicated. The performance indicators comprise, for example:

+=Correct

−=Incorrect

M=Modeling

G=Gestural Prompt/Cue

O=Oral or Verbal Prompt/Cue

V=Visual Prompt/Cue

P=Physical Prompt/Cue

NR=No Response

[0036] −M=Incorrect with Model
−G=Incorrect with Gesture
−O=Incorrect with Oral/Verbal Cue
−V=Incorrect with Visual Cue
−P=Incorrect with Physical Cue

[0037] The therapist may use these performance indicators in shorthand, that is, in an abbreviated symbolic writing method that increases speed or brevity of writing as compared

to a normal method of writing a language via the GUI. The therapy management application also allows evaluators, for example, therapists, teachers, etc., to create their own performance indicators for tracking performance of each of the clients for each of the assigned goals. Instead of using a binary system, in which there are only two choices, namely, "correct" and "incorrect" presented to the therapist, the therapy management application creates a more nuanced and effective tracking system, for example, with about thirteen performance indicators. Success in education, especially in special education, cannot be viewed in black and white terms of "correct" and "incorrect". The therapy management application therefore provides a more nuanced tracking system that allows the therapist to accurately determine how a client is progressing and helps the therapist to hone in on the specific kind of support the client needs if the client is not meeting the assigned goals independently. In an embodiment, as the therapist works with and evaluates the clients during the therapy sessions, the therapy management application collects and tracks the data from the therapy sessions and securely stores the tracked data and caseload information on a secure, central database network with advanced encryption standard (AES) 256-bit encryption, regular backups, and firewall protection, in compliance with the Health Insurance Portability and Accountability Act (HIPAA) of 1996, thereby allowing the therapist to track the progress of the clients over days, weeks, months and even years. In an embodiment, the therapy management application categorizes the collected and tracked data using the performance indicators.

[0038] In an embodiment, the therapy management application automatically places the goals into a chart system on generation and assignment of the goals for a client by the therapist. The chart system allows the therapist to begin tracking data for all the goals assigned to the therapist's clients. The chart system is user friendly and allows the therapist to easily and quickly track data in individual therapy sessions and group therapy sessions. Furthermore, in an embodiment, the therapy management application provides one or more customization interfaces configured to acquire inputs from an evaluator, for example, for addition of one or more goal categories, addition of one or more goal measurements within the goal categories, customization of one or more performance indicators, collection of data associated with the scheduled therapy sessions, etc.

[0039] The therapy management application generates **107** progress reports based on performance of each of the clients for each of the generated goals using the collected and tracked data. Once the goals are generated and assigned and the data has been tracked for the assigned goals, the therapy management application correlates and renders the data in a progress report of a format that can be easily viewed and understood by a lay person, for example, a parent, a school administrator, a lawyer, etc. The progress report is, for example, a score sheet or an evaluation report, a graphical representation, etc., that shows a client's performance in the therapy sessions with respect to the goals to be achieved. In an embodiment, the therapy management application is configured to generate the progress reports in one or more of multiple graphical representations based on time criteria. An evaluator selects the time criteria via the GUI as exemplarily illustrated in FIGS. **9**A-**9**G. The therapy management application enables the therapist to generate and print the progress reports, for example, in the form of charts, stacked bar graphs, itemized bar graphs, line graphs, etc., based on the tracked data. In an embodiment, the therapy management application collects, analyzes, and converts the data using the performance indicators, for example, into a color-coded, easy to read dynamic bar graph or line graph. In an embodiment, the therapy management application displays a calendar on the GUI. The therapy management application acquires an input from the therapist to view the progress report on a particular day via the GUI. If a therapist selects a single date on the calendar displayed on the GUI, the therapy management application generates a progress report with an easy to read interactive bar graph with data accuracies as exemplarily illustrated in FIG. **9**A. If a therapist selects a range of dates from the calendar, for example, a period of time, the therapy management application generates a progress report with an easy to read and interactive line graph as exemplarily illustrated in FIG. **9**B and FIG. **9**D. Therapists are also able to select a range of time periods, for example, "Last Week", "Last Month", "Last Six Months", and "All" data to be shown on an interactive progress report via the GUI. Furthermore, the therapy management application displays annual goals and benchmarks, and therapy session comments on the progress report in order to determine progress, and the goals and benchmarks that have been met.

[0040] In an embodiment, the therapy management application selectively shares profile information of one or more clients, the generated goals of one or more clients, the collected and tracked data acquired from the scheduled therapy sessions of one or more clients for each of the defined goal measurements, and generated progress reports of one or more clients among evaluators of a therapy management team, for example, a team of therapists. The evaluators in the therapy management team may access the shared information via the GUI of each of their therapy management applications. The therapy management application controls access to the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements, thereby allowing members of the therapy management team to have limited access or full access to the collected and tracked data of each of the clients. The therapy management application allows every member of the therapy management team, working with a client, to stay informed of progress in all therapy related areas. A primary contact person for the therapy management team can set permissions for the other therapists or teachers to access the collected and tracked data. The therapy management application acquires the permissions for the collected and tracked data from the primary contact person for the therapy management team via the GUI. The allowable permissions are, for example, "read-only access to data", "able to edit data", etc. The "read-only access to data" permission provides another teacher or therapist access to data collected from the therapy management team without allowing the teacher or therapist to add, edit, or change the data. The "able to edit data" permission allows another teacher or therapist complete or full access to add, edit, or change the data.

[0041] The computer implemented method disclosed herein provides a database network in communication with the therapy management application. The database network is configured to store and dynamically update the data acquired from the scheduled therapy sessions and the generated progress reports of each of the clients for each of the generated goals based on a preconfigured time interval. In an example, the evaluator configures a time interval for the period for which the collected data is to be stored in the

database network. In an embodiment, the therapy management application restores the data acquired from the scheduled therapy sessions of each of the clients for a preconfigured time interval, on receiving an indication from an evaluator, for example, a therapist via the GUI. Furthermore, in an embodiment, the therapy management application automatically synchronizes the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements in an offline access mode, with the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements in an online access mode. The synchronized collected and tracked data is stored in the database network for future reference or restoration.

[0042] In an embodiment, the therapy management application allows the therapist to save the progress reports on a secure encrypted network, print the progress reports using an output device, and send an electronic mail with the progress reports or export the progress reports via the GUI. In an embodiment where the therapist exports a progress report, the therapy management application generates a data file comprising the progress report and transmits the data file to other therapists or professionals in the field who may be servicing the same client, for example, via electronic mail (email). In an embodiment, the therapy management application enables the data file to be reloaded onto another therapy management application for a streamlined transfer of the data file. In another embodiment, the therapy management application enables the data file to be uploaded using programs, for example, Microsoft Excel® of Microsoft Corporation, Numbers® of Apple Inc., etc., thereby allowing other therapists who have no access to the therapy management application to access, read, and use the data collected by the therapy management application. The generation, transfer, and upload of the progress reports via a network prevents data and time from being lost when a client transfers between schools or between therapists.

[0043] In an embodiment, the therapy management application securely transfers one or more of the profile information of one or more clients, the generated goals of one or more clients, the collected and tracked data acquired from the scheduled therapy sessions of one or more clients for each of the defined goal measurements, and the generated progress reports of one or more clients for each of the generated goals, to one or more evaluators via a network for subsequent evaluation of those clients based on transfer criteria. The transfer criteria comprise, for example, relocation of a client to a different city, state, country, etc., unavailability of the client for subsequent therapy sessions, unavailability of a therapist for a long period of time, etc. In an example, the therapy management application allows therapists and teachers to transfer clients to the next treating therapist if the client changes facilities or locations. Specifically, for example, if a client is being treated by a therapist A and if the following year the same client moves or advances to another facility or location, therapist A can easily and securely transfer electronically the previously collected data and client information to therapist B who is the new treating therapist using the therapy management application, thereby preventing the data and time from being lost when a client transfers between schools or between therapists. Therefore, based on the transfer criteria, the therapy management application enables a secure transfer of the collected and tracked data acquired from the scheduled therapy sessions and the generated progress reports of one or more of the clients to one or more therapists via a network for the remaining subsequent therapy sessions. The therapy management application thereby tracks and manages the therapy sessions scheduled for each of the clients.

[0044] FIGS. **2**A-**2**D exemplarily illustrate a logic flow diagram of options provided by the therapy management application for tracking and managing therapy sessions. FIGS. **2**A-**2**D exemplarily illustrate different interfaces provided by the therapy management application. The therapy management application acquires an evaluator's login information via a "login" interface as exemplarily illustrated in FIGS. **3**A-**3**B. The evaluator is herein referred to as a "therapist". The login information comprises, for example, a unique login name, an electronic mail (email) address, a password, etc. The therapy management application requests an unregistered therapist to provide a unique name, an email address, and a password. The therapy management application utilizes the email address of the therapist to recover a password and transmit a new password to the therapist as exemplarily illustrated in FIGS. **3**C-**3**E. The therapist can enter the unique login name and the password to access the therapist's data stored by the therapy management application. The therapy management application acquires the login information to authenticate the therapist prior to providing access to the data, as the data collected by the therapy management application during the therapy sessions is confidential and sensitive as per guidelines of the Health Insurance Portability and Accountability Act (HIPAA) of 1996. On successful login, the therapy management application directs the therapist to a page on a "caseload" interface **201** displayed on a graphical user interface (GUI) of the therapy management application as exemplarily illustrated in FIG. **2**A and FIGS. **5**A-**5**H.

[0045] The therapy management application provides access to the therapist's user settings via a "My Account" section displayed on the GUI of the therapy management application. For example, the therapist can view membership history, change the user settings such as the therapist's electronic mail (email) address and password, edit profile information such as name, address, phone number, etc., change membership level from a free trial level to a monthly membership or an annual pre-pay membership, view membership order history, print and create invoices, edit billing information such as credit card information and billing address information, backup data, restore data, log out of the therapy management application, etc., via the "My Account" section as disclosed in the detailed description of FIGS. **4**A-**4**L. When a therapist logs into the therapy management application, the therapy management application displays the "homepage" which provides access to multiple interfaces, for example, a "caseload" interface **201**, a "calendar" interface **207**, a "reports" interface **218**, a "goal bank" interface **229**, etc., as exemplarily illustrated in FIG. **4**A. The "caseload" interface **201** enables a therapist to view the entire list of clients via an "A-Z list of clients" interface **202** and add a new client via an "add a new client" interface **203**. The therapy management application acquires the client information provided by the therapist and saves the acquired client information in a database network. The client information is accessible on a "client dashboard" interface **204**. The therapy management application enables the therapist to edit profile information of a client via the "profile information" interface **205**. The therapist may mark important dates **206** associated

with scheduled therapy sessions on the "calendar" interface **207** by providing an input in the blank area around the date.

[0046] The "calendar" interface **207** of the therapy management application also displays meeting alerts **208** and email alerts **209** if any prior meetings are fixed. The "calendar" interface **207** of the therapy management application enables a therapist to view the scheduled training sessions weekly, daily, or monthly by clicking a "Day/week/month" view interface **210**. A "click a day" interface **212** enables the therapist to add a group therapy session or an individual therapy session by clicking on a "group session" interface **213** or an "individual session" interface **214** respectively. The therapist may then assign goals for an individual client or a group and view the assigned goals via an "assigned goals" interface **215**. The therapy management application collects data associated with both individual and group therapy sessions and tracks the collected data via an "individual data tracking" interface **216** and a "group tracking" interface **217** respectively. The therapy management application generates progress reports using the collected and tracked data. The therapist may view progress reports via the "reports" interface **218**. To allow the therapy management application to generate progress reports, the therapist needs to perform one or more actions, for example, assign **219** goals, select **220** goal measurements, select **221** a date range, etc. The therapy management application then generates **222** progress reports, for example, a bar graphical representation, a line graphical representation, etc., using the tracked data. The therapy management application allows the therapist to email and/or print **223** the generated progress reports.

[0047] The collected and tracked data and the generated progress reports are stored in a secure central database **224** configured as a network, exemplarily illustrated in FIG. **2**B, which can be accessed by a therapist by logging into the therapy management application, for example, from a computing device such as a website computer **225** or a tablet computing device **227**. In an embodiment, the therapy management application comprises a program synchronization layer **226** configured to synchronize the therapy management application with the website computer **225** and the tablet computing device **227**. If a therapist creates a web account, the program synchronization layer **226** allows the therapist to synchronize the collected and tracked data from the web account with that stored by the therapy management application on the therapist's electronic device and vice versa. On logging into the therapy management application, the therapist may access the program homepage **228** which provides access to the "caseload" interface **201** exemplarily illustrated in FIG. **2**A, the "reference" interface **233**, and a member account settings interface **243** as exemplarily illustrated in FIG. **2**B. The therapy management application provides a collection of reference documents which are typically scattered throughout publications, the internet, various state regulations, etc., via the "reference" interface **233**. The therapy management application aggregates reference documents in the "reference" interface **233**. The reference documents are crucial documents pertaining to the field of therapy that every therapist in the field is required to know and utilize while creating an individualized education program (IEP) for a client.

[0048] The "reference" interface **233** displays milestones **234** having sub-categories **235** and expectations **236** having sub-categories **237** assigned by the therapist for each of the clients. The "reference" interface **233** also comprises a glossary **238** section having sub-categories **239** where the details of a particular client's need for therapy are displayed. Moreover, the "reference" interface **233** also comprises a "states" interface **240** that provides access to general education expectations/standards, extended standards, etc., of multiple states. The "states" interface **240** possesses sub-categories **241** and links to web pages **242**. The therapy management application provides access to the "goal bank" interface **229** via the "reference" interface **233**, the "client dashboard" interface **204**, and the "reports" interface **218**. The "goal bank" interface **229** provides access to the goals generated by the therapy management application including the goals categorized into goal categories. The goal categories are further classified into meta-categories and sub-categories. The "goal bank" interface **229** allows a therapist to select **230** a meta-category, select **231** a sub-category, and assign **232** a goal to an opened client. An opened client is a client whose profile information, therapy data, etc., is currently being viewed, edited, updated, etc., by a therapist via the GUI of the therapy management application.

[0049] A "member account settings" interface **243**, exemplarily illustrated in FIG. **2**C, of the therapy management application displays membership information of the therapist. The "member account settings" interface **243** provides access to membership history **244** and allows a therapist to view the length or duration of the membership **245** associated with usage of the therapy management application. The "member account settings" interface **243** of the therapy management application also displays a billing portal **246** through which the therapist makes payments in order to continue the service provided by the therapy management application. The billing portal **246** of the "member account settings" interface **243** allows the therapist to edit **247** billing information. The "member account settings" interface **243** of the therapy management application also enables the therapist to edit **248** account information, for example, the profile information of the therapist and change **249** the password, email identity, etc., if necessary. The therapist can edit membership information **250** and choose the duration of the membership, for example, a trial membership, a monthly membership, or an annual membership with the therapy management application via the GUI of the therapy management application. The therapy management application enables the therapist to change **251** billing information, change **252** membership duration, for example, from either a monthly membership **253** to an annual membership **254** or from an annual membership **254** to a monthly membership **253**, and cancel **255** a membership via the "member account settings" interface **243**. The "member account settings" interface **243** of the therapy management application also enables the therapist to access membership order history **256** through which the therapist may view order history details **257** and change **258** billing, cancel **259** recurring payments, etc. The therapy management application enables the therapist to create **260** an invoice and to print **261** the invoice as a copy of reference.

[0050] The "member account settings" interface **243** of the therapy management application also enables the therapist to access the "profile" interface **262** in order to edit profile information **263**, for example, name, email address, contact information such as a phone number, etc. Moreover, the "member account settings" interface **243** also provides access to a therapist sharing portal **264** of the therapy management application. The therapist sharing portal **264** of the therapy management application enables the therapist to selectively

share **265** data associated with one or more clients with a team of therapists working along with the therapist. The therapy management application allows the therapist to control access to the data by allowing the therapist to set **266** permissions for the data. If the therapist sets **266** permissions for another therapist as "able to edit data" **267**, the therapy management application provides complete access to the data and allows the other therapist to add, edit, or change the data. If the therapist sets **266** permissions for another therapist as "read-only data" access **268**, the therapy management application provides read only access to the data and does not allow the other therapist to add, edit, or change the data. The therapist sharing portal **264** of the therapy management application also enables the therapist to securely transfer **269** the data associated with one or more clients to other evaluating therapists or team members via the network based on one or more transfer criteria, for example, unavailability of a treating therapist, relocation of a client, etc.

[0051] FIGS. **3**A-**3**E exemplarily illustrate screenshots of a graphical user interface (GUI) of the therapy management application for registering and logging a therapist into the therapy management application. FIGS. **3**A-**3**B exemplarily illustrate screenshots of a "login" interface on the GUI of the therapy management application for registering a therapist with the therapy management application. The "login" interface of the therapy management application displays multiple fields for entering login information. When the therapist launches the therapy management application on the electronic device, the therapy management application acquires the therapist's login information via the "login" interface. The therapist can enter the login information, for example, name, electronic mail (email) address, password, etc., in the respective fields for registering with the therapy management application. The therapy management application provides a "Submit" button on the "login" interface to enable the therapist to submit the login information to the therapy management application.

[0052] The therapy management application requests for a valid email address and password for registering a therapist as exemplarily illustrated in FIG. **3**B. On successful registration, the therapy management application displays a successful registration message on the "login interface". During login, the therapy management application validates the email address and password entered by the therapist to log into the therapy management application. The therapy management application performs field validation. That is, the therapy management application checks whether the login information entered by the therapist on the "login" interface is complete and correct. If the therapist enters incorrect or incomplete login information in any of the fields on the "login" interface, for example, if the therapist enters an incorrect password, the therapy management application displays an error message, for example, "Have you forgotten your password" on the "login" interface as exemplarily illustrated in FIG. **3**C. The therapist can then re-enter the complete and correct login information on the "login interface".

[0053] FIGS. **3**C-**3**E exemplarily illustrate the screenshots for password recovery performed by the therapy management application. If the therapist enters an incorrect password, the therapy management application requests the therapist to enter the valid user password and displays a message, for example, "The password field is required. The email address is already registered. Have you forgotten your password?" on the "login" interface as exemplarily illustrated in FIG. **3**C. The therapy management application requests the therapist to enter an email address for sending the password or a password reset message as exemplarily illustrated in FIG. **3**D. The therapy management application transmits a password reset message or a password recovery email to the email address provided by the therapist when the therapist clicks on a "forgot password" link on the "login" interface. The therapy management application displays a message, for example, "A password reset message will be sent to your email address" as exemplarily illustrated in FIGS. **3**D-**3**E. If the therapist enters an incorrect email address for password recovery, the therapy management application does not recognize the email address and displays an error message, for example, "Email address is not recognized as a username or an email address" on the login interface as exemplarily illustrated in FIG. **3**E.

[0054] FIGS. **4**A-**4**L exemplarily illustrate screenshots of a graphical user interface (GUI) of the therapy management application for configuring member settings and managing a membership of the therapist. After registration, a therapist is allowed to access the therapy management application as a member. When the therapist accesses the therapy management application for the first time, the therapy management application requests the therapist to add clients as exemplarily illustrated in FIG. **4**A. The therapy management application requests the therapist to provide profile information and information associated with the membership, for example, billing information, membership options, membership duration, etc., via the GUI as exemplarily illustrated in FIG. **4**B. The therapist can view his/her membership history, that is, the length of time he/she has been a member with the therapy management application as exemplarily illustrated in FIG. **4**B. The therapist may edit and save profile information on the GUI as exemplarily illustrated in FIG. **4**C. The therapist may access a "billing information" interface on the GUI to enter credit card and billing information as exemplarily illustrated in FIG. **4**D.

[0055] The therapy management application enables the therapist to edit login information, for example, change a password as exemplarily illustrated in FIG. **4**E. The therapy management application enables the therapist to edit membership information, cancel a membership, select a membership level, etc., as exemplarily illustrated in FIGS. **4**F-**4**G. The therapist can select a "Membership" interface where the therapist can view their current membership level, for example, "30-day trial", "Premium Monthly", or "Premium Annual", as exemplarily illustrated in FIGS. **4**F-**4**G. On the "Membership" interface, the therapist can view when their next subscription payment is due, expiration date regarding the 30-day free trial period, etc. On the "Membership" interface, the therapist can performs actions such as cancel a membership, change billing, and change membership. When the therapist clicks on a "Cancel Membership" link, the therapy management application allows the therapist to cancel a membership or directs the therapist to a page that indicates "This action cannot be undone" with buttons to "Confirm" or "Cancel". When the therapist clicks on a "Change Billing" link, the therapy management application directs the therapist to the "Billing Information" interface, where the therapist can update their credit card information and billing address as exemplarily illustrated in FIG. **4**D. When the therapist clicks on a "Change Membership" link, the therapy management application directs the therapist, for example, to two subscription payment options available, for example, "Monthly Premium" or "Annual Premium" as exemplarily

illustrated in FIG. **4**G. The therapist can select "Monthly Premium" to subscribe to the therapy management application monthly recurring. The therapist can also select "Annual Premium" to subscribe to the therapy management application and pre-pay for an annual membership.

[0056] On completing the membership procedures as exemplarily illustrated in FIGS. **4**A-**4**G, the therapy management application displays the "order history" on the "Membership" interface as exemplarily illustrated in FIG. **4**H. The therapist can request for a detailed order history and an invoice via the GUI. The therapist can select the "Order History" interface to access his/her monthly recurring or annual payment orders that have been placed as exemplarily illustrated in FIG. **4**H. The therapist can select "View Details" to see the details of their orders, create invoices, and print the invoices as exemplarily illustrated in FIGS. **4**H-**4**K. The therapy management application displays the invoice on the GUI as exemplarily illustrated in FIG. **4**I. FIGS. **4**J-**4**K exemplarily illustrate the invoice copy of the orders made by the therapist. The therapy management application allows the therapist to email the invoice and/or print the copy of the invoice. The therapy management application further allows the therapist to edit profile information as exemplarily illustrated in FIG. **4**L. The therapist can select "Profile" to edit or update their name, address, and phone number associated with their account as exemplarily illustrated in FIG. **4**L.

[0057] FIGS. **5**A-**5**H exemplarily illustrate screenshots of a graphical user interface (GUI) of the therapy management application for adding clients, providing information associated with the clients, and for managing the clients. The therapy management application enables the therapist to add a new client using a "Caseload" interface of the therapy management application exemplarily illustrated in FIGS. **5**A-**5**D. If the therapist logs into the therapy management application for the first time, the therapy management application displays a button on the "homepage" that prompts the therapist to add a new client as exemplarily illustrated in FIG. **5**A. If the therapist is not new, then the therapy management application displays a list of the therapist's clients in an alphabetical order on the "caseload/choose client" interface with an option to add a new client as exemplarily illustrated in FIGS. **5**A-**5**D. The therapist may click on an "add" button on the "caseload/choose client" interface of the therapy management application to add a new client.

[0058] When the therapist accesses the "caseload/choose client" interface, the therapy management application allows the therapist to perform bulk operations, for example, change the status of multiple clients to active or inactive in a single iteration as exemplarily illustrated in FIG. **5**B. When the therapist accesses the "caseload/choose client" interface, the therapy management application displays a list of the therapist's active clients and/or inactive clients in an alphabetical order based on a filter selection of "Show Active Clients" or "Show Inactive Clients" as exemplarily illustrated in FIG. **5**C. The active clients are clients who are currently undergoing therapy sessions with the therapist. The inactive clients are clients who no longer take the therapy sessions. The therapist may view the inactive clients on the GUI by selecting the option "Show Inactive Clients" as exemplarily illustrated in FIG. **5**D. Therapists can sort their caseload, for example, based on last name, first name, date of birth (DOB), service location, next individualized education program (IEP) date, next evaluation date, etc. The individualized education program (IEP) is a mandate designed to meet unique educational needs of a client, who may have a disability, as defined by federal regulations. When the therapist clicks on a client's name in the displayed list, the therapy management application directs the therapist to a page that displays that client's individual profile.

[0059] The therapy management application enables the therapist to create a unique client profile for each of the clients via the "caseload/choose client" interface as exemplarily illustrated in FIGS. **5**E-**5**H, for example, by entering basic client information. The popup menus on a client's individual profile page show different values for different fields. For example, the values provided for a "Gender" field are male and female as exemplarily illustrated in FIG. **5**E. The values provided for a "Grade" field are, for example, Pre-school, Kindergarten, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 as exemplarily illustrated in FIG. **5**F. The values provided for a "Country" field are, for example, United States, United Kingdom, etc., as exemplarily illustrated in FIG. **5**F. The therapy management application prompts the therapist to set up a client profile for a new client by adding information, for example, a last individualized education program (IEP) date, a next IEP date, a last evaluation date, a next evaluation date, parental information, contact information, etc., as exemplarily illustrated in FIGS. **5**E-**5**H. The therapy management application provides an "Add another item" button on a "Native Language(s)" field for adding an additional row for a native language field as exemplarily illustrated in FIG. **5**E. The therapy management application provides an "Add another item" button on a "parental information" section of the profile page for adding an additional section for entering parental information as exemplarily illustrated in FIG. **5**G.

[0060] In an embodiment, the therapy management application provides a "take a photo" button on the GUI, for example, on the iPad® application that enables the therapist to take a photo of the client by using the therapist's electronic device, for example, iPad2® of Apple Inc. The "take a photo" button is not available for iPad1® of Apple Inc. The therapist may also select a photo from a photo library on the web based therapy management application and the iPad® application of the therapy management application. The therapist can also select a photo from the photo library when accessing their account via a web program. Once the client profile is created, the therapy management application enables the therapist to view a "dashboard" interface that displays the profile information as exemplarily illustrated in FIG. **5**H, assign the goals for the therapist's clients, view schedules of the therapy sessions, begin tracking data for the goals, and generate color-coded progress report graphs using the tracked data. The "dashboard" interface displays the clients' basic information, important dates, and contact information. The therapy management application enables the client to save, print, and/or email the progress reports. The therapy management application continually updates the client profile page as the client progresses in each therapy session.

[0061] FIGS. **6**A-**6**S exemplarily illustrate screenshots of a "calendar" interface of the therapy management application for scheduling therapy sessions and enabling a therapist to record appointments with one or more clients. The therapy management application manages appointments and helps a therapist to create schedules for individual therapy sessions and group therapy sessions via the "calendar" interface exemplarily illustrated in FIGS. **6**A-**6**S. The "calendar" interface of the therapy management application functions as a personal assistant for the therapist. The "calendar" interface of the

therapy management application enables the therapist to access the upcoming therapy sessions and the completed therapy sessions of each of the clients, thereby allowing the therapist to block free dates on the calendar. The "calendar" interface also provides a section to set up a type of the therapy session, that is, an individual therapy session or a group therapy session, frequency of the therapy session, that is, once a week, biweekly, etc., length of the therapy session, for example, 45 minutes, 1 hour, etc., and recurrence of the therapy session, for example, 1 year, a school year, indefinite, etc., based on the client's therapy needs.

[0062] FIG. **6**A exemplarily illustrates a screenshot of the "calendar" interface showing "Upcoming Sessions". The therapist can add an appointment for a therapy session with a client to an empty time slot on the calendar by clicking a date on the calendar on the screen display of the therapist's electronic device. Clicking a date on the calendar prompts a popup as exemplarily illustrated in FIG. **6**B. The therapist can view or edit an existing appointment by touching one of the time slots on the calendar as exemplarily illustrated in FIG. **6**C. The therapy management application displays details of an appointment, when the therapist clicks on a corresponding time slot on the "Upcoming Sessions" menu or selects the session on the calendar. The therapy management application displays all the appointments scheduled for a particular month as exemplarily illustrated in FIG. **6**D.

[0063] FIGS. **6**E-**6**S exemplarily illustrate screenshots of the "calendar" interface of the therapy management application for adding a new appointment. The therapist can enter the start time and end time for the appointment by clicking on a "start time" button and an "end time" button respectively as exemplarily illustrated in FIG. **6**E. The therapist may select a date for the therapy session using a pop up calendar exemplarily illustrated in FIG. **6**F. Upon selecting "Set Recurring" on the "Add Session" interface as exemplarily illustrated in FIG. **6**G, the therapist is given the option to select one or more days of the week for the recurring session, for example, "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", and "Sunday" as exemplarily illustrated in FIG. **6**H. As exemplarily illustrated in FIG. **6**I, the therapist selects Tuesday and Thursday for a recurring session. The therapist may then click on a "Generate" button provided on the "calendar" interface to create the recurring session. The therapy management application provides an option to review the recurring sessions that the therapist is about to create as exemplarily illustrated in FIG. **6**J. The therapist can select "submit" to confirm and create the selected recurring sessions or the therapist can select "cancel" if the information is incorrect. The therapist is required to confirm the dates, as the therapy management application may not be able to undo the action of generating the recurring session.

[0064] The therapist also selects when a therapy session will recur, for example, the date can be up to 6 months in the future. When the therapist selects the option "Every day, every 2 weeks, etc." on the "calendar interface" exemplarily illustrated in FIG. **6**K, the therapy management application displays menu options, for example, "Every 2", "Every 3", "Every 4", "Every 5", "Every 6", "Every 7", "Every 8", "Every 9", "Every 10", etc., for repeating the session as exemplarily illustrated in FIG. **6**L. The therapist may then select the value, for example, "Day(s)", "Week(s)", or "Month(s)" on the calendar interface as exemplarily illustrated in FIG. **6**M. The therapist can check a box to exclude weekends for the recurring sessions. The therapist must also select when the recurring session will recur until, for example, up to 6 months in the future. The therapy management application specifies that undoing the action may not be possible as exemplarily illustrated in FIG. **6**N. The therapy management application allows a therapist to view a session, set a session as a recurring session, and edit or cancel the session as exemplarily illustrated in FIGS. **6**O-**6**Q.

[0065] In an embodiment, the therapy management application provides an option to select a client to add to an appointment from the therapist's clients, for example, for creating a group therapy session. The therapy management application provides a "Client Reference" drop down menu exemplarily illustrated in FIG. **6**R, for enabling the therapist to select one or more clients to add to the appointment. In an embodiment, the therapy management application provides a search field that automatically completes the name of the client as the therapist types in the letters of the client's name on the GUI. The therapy management application then displays the result of the search in a list under the search field. In an embodiment, the therapy management application displays the clients who have already been added to the appointment. If the therapist taps the "X" icon adjacent to the client's name as exemplarily illustrated in FIG. **6**R, the therapy management application removes that client from the appointment. The therapy management application allows a therapist to edit a session as exemplarily illustrated in FIG. **6**S. When the therapist selects a group therapy session from the calendar, the therapy management application pulls up client information of each client in the group therapy session. In an embodiment, the therapy management application provides an option to cancel a session as exemplarily illustrated in FIG. **6**Q, for allowing the therapist to cancel a session and provide a written comment as to why the session is canceled. In another embodiment, the therapy management application provides an option to "delete a session" that is selected as exemplarily illustrated in FIG. **6**S.

[0066] FIGS. **7**A-**7**H exemplarily illustrate screenshots of a graphical user interface (GUI) of the therapy management application for acquiring data from scheduled therapy sessions of a client, for goal measurements defined by the therapy management application for goals to be achieved by the client. FIGS. **7**A-**7**H exemplarily illustrate screenshots of the "caseload" interface for enabling the therapist to manage the client's goals. The therapy management application directs the therapist to a data tracking page of the "caseload" interface, when the therapist starts a therapy session. The therapy management application displays the goals generated for each of the therapist's clients on the data tracking page. In an embodiment, the therapy management application provides prewritten goals to the therapist. The prewritten goals allow the therapist to immediately begin assigning the prewritten goals to the client without the therapist having to start from scratch and create all the goals. The therapist can add a new goal via the "caseload" interface. The therapist can also customize a pre-written or pre-formatted goal using the therapy management application. The therapy management application enables the therapist to generate one or more goals for each of the clients using pre-formatted goals via a "goal bank" interface exemplarily illustrated in FIGS. **8**F-**8**O. On selection of a goal by the therapist, the therapy management application assigns the selected goal to the client. The therapist can assign the selected goal to the client, for example, by clicking a "Save" button on the "caseload" interface on the open, selected client.

[0067] In an embodiment, the therapy management application assigns a goal to a client by first enabling the therapist to select the client and next by allowing the therapist to select a goal and add goal measurements to the goal type. The goal measurements are prewritten measurements for each goal which can be kept or deleted based on the therapist's discretion. On clicking a "Save" button on the "caseload" interface by the therapist, the therapy management application saves the goals within the individual client's profile and displays the goals in the "goals" section of the client's profile page when the therapist starts a therapy session. In an embodiment, the therapy management application enables the therapist to add new goal measurements and delete undesired goal measurements.

[0068] In an embodiment, the therapy management application provides an option to archive and restore goals that are assigned to a client from an archive. When the client has reached a specific goal, that is, when the client has achieved success with that goal, the therapy management application enables the therapist to archive the goal so that the archived goal no longer appears on the data tracking page of the client's profile. Although the goal is archived, the therapy management application stores all the past data and notes within the client's profile page for future access by the therapist.

[0069] The therapy management application displays performance indicators, for example, "+", "O", "M", etc., for each of the goal categories used for tracking the progress of the client as exemplarily illustrated in FIGS. **7**C-**7**D and FIG. **7**H. When the therapist selects a row of a goal category, the therapy management application expands the row to reveal the different goal measurements and corresponding performance indicators in a particular goal category. The therapy management application then closes all other open goal categories. The therapy management application provides an unlimited number of columns on the data tracking page. The therapist can scroll left or right on the data tracking page if the therapist requires additional columns.

[0070] FIGS. **7**C-**7**D exemplarily illustrates a screenshot of the data tracking page of the "caseload" interface displaying the performance indicators provided for goal measurements. When quick record buttons displayed on the data tracking page are open, the therapy management application highlights the next available cell. Upon selection of a performance indicator by the therapist, the therapy management application populates the highlighted cell with the selection, removes the highlight on the highlighted cell, and highlights the next cell. When the therapist selects a performance indicator, the therapy management application displays the definition of the selected performance indicator on the "caseload" interface. Moreover, the therapy management application allows the therapist to select a group therapy session and track data from the selected group.

[0071] In an example, the therapy management application defines goal measurements, for example, "auditory", "visual", "sustained attention", "alternating attention", "selective attention", "divided attention", etc., within a sub-category "Attention", as exemplarily illustrated in FIG. **7**A, for evaluating different levels of a client's attention span. During a therapy session with a client, the therapist may enter data for each of the defined goal measurements via the GUI. In another example, the therapy management application defines goal measurements, for example, "beginning of the word", middle of the word", "end of the word", etc., within a sub-category "articulation and phonology", as exemplarily illustrated in FIG. **7**B, for evaluating a client's articulation. The therapist may then assign performance indicators, for example, "+", "−", "M", "O", "G", "V", "P", "NR", "−M", "−O", "−G", "−V", "−P", etc., as exemplarily illustrated in FIGS. **7**C-**7**D, for each of the defined goal measurements. The assigned performance indicators allow the therapy management application to track the performance of each of the clients for each of the assigned goals. At the end of a therapy session, the therapist may save the data entered during the therapy session using a "Save" button as exemplarily illustrated in FIG. **7**E. The therapist may also edit details of the therapy session, enter additional clients for a group therapy session as exemplarily illustrated in FIG. **7**F.

[0072] FIGS. **7**F-**7**H exemplarily illustrates screenshots of the "caseload" interface for toggling between different clients of the therapist. For example, the therapy management application enables the therapist to toggle between client profiles in a group therapy session and enter data, assign performance indicators to goal measurements, etc., for respective clients via the "caseload" interface.

[0073] FIGS. **8**A-**8**O exemplarily illustrate screenshots of a graphical user interface (GUI) of the therapy management application for assigning goals, editing goals, adding new goals based on therapy sessions scheduled and conducted for clients. FIGS. **8**A-**8**E exemplarily illustrate screenshots of a "reference" interface provided by the therapy management application. In an embodiment, the therapy management application provides a collection of reference documents via the "reference" interface as disclosed in the detailed description of FIG. **2**. FIG. **8**A exemplarily illustrates a screenshot of the "reference" interface displaying milestones under the category "Milestones by Age". The sub-categories for the category "Milestones by Age" comprise, for example, "first 3 months", "4-6 months", "6-12 months", "12-18 months", "18-24 months", "2-3 years", etc. A therapist may select the sub-category "first 3 months" and view reference data, for example, "becomes startled at loud noises", "is soothed by calm gentle noises", etc., for the sub-category "first 3 months" via the "reference" interface as exemplarily illustrated in FIG. **8**A.

[0074] FIG. **8**B exemplarily illustrates a screenshot of the "reference" interface displaying expectations under the category "Expectations by Grade". The sub-categories for the category "Expectations by Grade" comprise, for example, "kindergarten", "first grade", "second grade", "third grade", "fourth grade", "fifth grade", etc. A therapist may select the sub-category "kindergarten" and view reference data, for example, "By the end of kindergarten, children should be able to performance 1-2 simple directions in a sequence, be understood by most people, know how a book works, etc." via the "reference" interface as exemplarily illustrated in FIG. **8**B. FIG. **8**C exemplarily illustrates a screenshot of the "reference" interface displaying a glossary of terms under the category "Glossary of Terms". The sub-categories for the category "Glossary of Terms" comprise, for example, "alaryngeal voice", "alternative augmentative communication", "aphasia", "aphonia", etc. A therapist may select the sub-category "aphasia" and view the definition of the term "aphasia" via the "reference" interface as exemplarily illustrated in FIG. **8**C. FIG. **8**D exemplarily illustrates a screenshot of the "reference" interface displaying states of a country, for example, the United States of America (USA) under a category "Select your State". A therapist may select the sub-category "California" and view reference data, for example,

expectations and standards of general education, extended standards, speech and language information, etc., associated with California via the "reference" interface as exemplarily illustrated in FIG. **8**D. FIG. **8**E exemplarily illustrates a screenshot of the "reference" interface displaying a web link that provides information, for example, on content standards defined by the California State Board of Education.

[0075] FIGS. **8**F-**8**O exemplarily illustrate screenshots of a "goal bank" interface of the therapy management application. The therapy management application displays the goal categories and corresponding goal measurements via the "goal bank" interface. For example, when the therapist selects one of the goal categories, the therapy management application displays a sub-menu that displays the "goal types" or sub-categories. The goal types are pre-written and are customizable. The therapy management application displays fields, for example, "Annual Goals", "Benchmarks", "Goal measurements", etc., for each of the goal types as exemplarily illustrated in FIG. **8**F. As used herein, the term "annual goals" refer to goals set for a client that are to be achieved within a year. The annual goals field comprises pre-formatted goals that include form fields that allow the therapist to populate the pre-formatted goals with the therapist's own needs. The therapy management application pre-formats every common goal and is configured to make it as quick as possible for the therapist to input the client's needs and begin tracking data. Also, as used herein, the term "benchmarks" refer to sub goals set within a year, designed to help a client achieve incremental success as the client works towards the client's annual goal. The benchmarks field comprises pre-formatted goals that include form fields that allow the therapist to populate the pre-formatted goal with the therapist's own needs. In an example, the therapist may select a goal category "Autism spectrum" and a goal type or sub-category "communication on repair" and then set up an annual goal, benchmarks, and define goal measurements on the "goal bank" interface as exemplarily illustrated in FIG. **8**F.

[0076] The variables and logic of the pre-formatted goals are contained, for example, in a Microsoft Excel® spreadsheet. The goal measurements refer to specific items that the therapist is measuring within the goal. For example, if the meta-category is "semantics", and the sub-category is "use new vocabulary words", then the therapist may choose to add the goal measurements of "household items", "animals", "body parts", etc. These goal measurements are what the therapist will track data on to determine how the client is progressing within a given goal. The therapist can choose to add more benchmarks if there are more than one benchmark necessary to meet the annual goal by clicking on an "Add more benchmarks" button provided on the "goal bank" interface as exemplarily illustrated in FIGS. **8**F-**8**H and FIGS. **8**J-**8**O. Furthermore, the therapist can define more goal measurements by clicking on an "Add more measurements" button provided on the "goal bank" interface as exemplarily illustrated in FIGS. **8**F-**8**H and FIGS. **8**J-**8**O.

[0077] In an embodiment, the therapy management application determines variables for the pre-formatted goals that each of the goals need to contain. Moreover, the therapy management application determines the values of the variables for the pre-formatted goals, as exemplarily illustrated in FIGS. **8**G-**8**H. Consider an example of a pre-formatted goal created by the therapy management application as, "By [Date], [Name] will recognize when communication has been misinterpreted, persist, and provide clarification, and/or request clarification of a partner's message, in [Minimum] out of [Maximum] trials, with [Accuracy %], with [Level of Cues], as measured by data collection." When the therapist clicks on the bracketed information, the therapist is prompted to choose from a popup menu of predetermined variables, for example, "independently (no cues)", "minimal cues", "mild cues", "moderate cues", "maximum cues", etc., for the [Level of Cues] field as exemplarily illustrated in FIG. **8**G, or input a date for the [Date] field using a pop-up calendar, or input a number "20" for 20% for the [Accuracy %] field as exemplarily illustrated in FIG. **8**H. FIG. **8**I exemplarily illustrates a preformatted goal generated by the therapy management application for the goal category "autism spectrum".

[0078] Consider another example of a pre-formatted goal created by the therapy management application as, "By [Date], [Name] will increase overall intelligibility by producing [Target sounds] at [Context] in [Minimum] out of [Maximum] trials, with [Accuracy %], with [Level of Cues], during [Setting] activities, as measured by the therapist data collection." When the therapist clicks on the bracketed information, the therapist is prompted to either input a free-form value such as a number "80" for 80% or choose from a popup menu of predetermined variables such as "Conversation" from a "Context" field whose choices are "Isolation", "Single Words", "Phrases", "Sentences", and "Conversation". The therapy management application thus makes the generation of the goals simpler, faster, and more standardized.

[0079] FIGS. **8**F-**8**L exemplarily illustrate screenshots of the "goal bank" interface of the therapy management application for assigning a goal to a client, by customizing the drop-down fields and clicking "Save". In an embodiment, the therapist can select "Show assigned goals only" from the "goal bank" interface as exemplarily illustrated in FIG. **8**L for displaying each of the selected goals, benchmarks, and goal measurements of the opened client. FIGS. **8**K-**8**L exemplarily illustrate screenshots of the "goal bank" interface for enabling the therapist to generate customized goals. The therapy management application provides a "+custom goal" button, for example, at the top of each submenu as exemplarily illustrated in FIG. **8**K, that enables the therapist to add a custom goal. The therapy management application provides a "Goal Title" field on the goal bank" interface as exemplarily illustrated in FIGS. **8**K-**8**L, for enabling the therapist to enter the title of the goal. The therapist may then enter a description of the annual goal, a benchmark, and goal measurements in text fields provided on the goal bank" interface as exemplarily illustrated in FIG. **8**L. The therapy management application provides a "Delete Goal Title" field on the "goal bank" interface for enabling the therapist to delete a goal. In an example, for the goal categories "Attention" and "Articulation And Phonology", the therapist sets up an annual goal, benchmarks, and defines goal measurements as exemplarily illustrated in FIG. **8**M and FIG. **8**N respectively. The therapy management application provides an option to archive goals using an "Archive this" button provided on the "goal bank" interface as exemplarily illustrated in FIG. **8**N. The therapy management application provides a "restore from archive" button on the "goal bank" interface as exemplarily illustrated in FIG. **8**O, for restoring the data acquired from the scheduled training sessions from an archive.

[0080] FIG. **8**N exemplarily illustrates a pre-formatted benchmark generated by the therapy management application for the goal category "articulation and phonology" and the sub-category "articulation". The pre-formatted benchmark

comprises form fields that allow the therapist to populate a benchmark based on the client's needs. The pre-formatted benchmark is prewritten and designed to allow the therapist to input the client's needs and begin tracking data quickly and easily. The therapy management application enables the therapist to generate a benchmark using the pre-formatted benchmark, for example, by entering custom values and variables in the blank spaces of the pre-formatted benchmark. The therapist can enter the custom values and the variables in custom fields for an assigned annual benchmark for a given client by selecting values from a popup menu. For example, the therapist may create a benchmark that recites the client will improve speech intelligibility in "4" out of "5" trials with "80%" accuracy with "moderate cues (50-79%) of the time" as exemplarily illustrated in FIGS. **8**N-**8**O. The therapist may select "Show all goals" generated by the therapy management application from the "goal bank" interface as exemplarily illustrated in FIGS. **8**M-**8**O for displaying all the generated goals, benchmarks, and goal measurements defined by the therapy management application.

[0081] FIGS. **9**A-**9**G exemplarily illustrate screenshots of a graphical user interface (GUI) of the therapy management application, showing generation and display of progress reports. FIG. **9**A exemplarily illustrates a screenshot of a progress report for one date of data generated by the therapy management application in the form of a stacked bar graph. FIG. **9**B, FIG. **9**D, and FIG. **9**F exemplarily illustrate screenshots of progress reports generated by the therapy management application in the form of line graphs, when a therapist selects a range of dates, for example, "Last Week", "Last Month", "Last 6-Months", "All", or a custom range of dates. FIG. **9**C, FIG. **9**E, and FIG. **9**G represent the line representations of performance indicators in the line graphs exemplarily illustrated in FIG. **9**B, FIG. **9**D, and FIG. **9**F respectively, along with data accuracies. FIGS. **9**A-**9**B, FIG. **9**D, and FIG. **9**F exemplarily illustrate screenshots of a "reports" interface for enabling the therapist to generate and manage progress reports of the clients. When the therapist selects a goal category, the therapy management application displays progress reports based on the goal category and the goal type on the "reports" interface as exemplarily illustrated in FIGS. **9**A-**9**B, FIG. **9**D, and FIG. **9**F. The therapy management application displays the progress reports, for example, as color bar graphs generated from the collected data and the performance indicators, for example, +, −, M, G, O, V, P, etc., for a particular goal. The therapy management application allows the therapist to choose between a stacked bar graph, an itemized bar graph, or a line graph, input the date range for which the therapist wishes to generate the progress report, enlarge the bar graph or the line graph for easier viewing, etc. The annual goals that are assigned to the client appear, for example, at the top of the progress report. The therapist can also check boxes, for example, "benchmarks" and "comments" to include the goal benchmarks and comments associated with the goals in the progress reports.

[0082] In an embodiment, the therapy management application provides options, for example, "Save", "Email/Export", "Print", etc., on the "reports" interface. When the therapist clicks on the "Save" option, the therapy management application saves the progress report, for example, in a memory unit of the therapist's electronic device. When the therapist clicks on the "Email/Export" option, the therapy management application exports an image of the progress report along with comma separated values (CSV) to an email composing interface of the therapy management application. The email composing interface of the therapy management application enables the therapist to email the progress report from the therapy management application. When the therapist clicks on the "Print" option, the therapy management application prints a copy of the progress report, for example, via an output device. In an embodiment, the therapy management application displays a popup with a corresponding value when the therapist touches a graph in the progress report, for example, on a touch screen display unit of the therapist's electronic device.

[0083] FIGS. **10**A-**10**L exemplarily illustrate screenshots of a graphical user interface (GUI) of the therapy management application for backing up and restoring collected and tracked data acquired from scheduled therapy sessions. FIG. **10**A exemplarily illustrates a screenshot of the GUI displaying a "user settings" page for updating the therapist's login information. A "settings" link and a "backup and restore" link are also provided on the "user settings" page. The therapist can change the login information, for example, the password by clicking the "settings" link on the "user settings" page. For updating the password, the therapy management application displays a field for entering a current password on the "user settings" page as exemplarily illustrated in FIG. **10**B, to confirm the password update.

[0084] In an embodiment, the therapy management application provides an option to backup data required by the therapist. The therapist may backup and restore data, for example, by clicking the "backup and restore" link on the "user settings" page as exemplarily illustrated in FIG. **10**C. The therapy management application backs up data, for example, by making copies of the data which may be used to restore the original data after a data loss event. The therapist can instruct the therapy management application to back up the data by clicking on a "Backup Now" button provided on the "user settings" page exemplarily illustrated in FIGS. **10**C-**10**D. When the therapist clicks the "Backup Now" button, the therapy management application creates a backup of the therapist's data. The therapy management application displays a message, for example, "Now Backing Up" as exemplarily illustrated in FIG. **10**E, while the therapy management application backs up the data, for example, by storing a back up copy of the data in a secure database network. Upon completion of backing up the data, the therapy management application displays, for example, a "Backup Completed" message as exemplarily illustrated in FIG. **10**F.

[0085] In an embodiment, the therapy management application provides an option to restore the data required by the therapist. The therapy management application displays, for example, a "Restore Data" popup menu exemplarily illustrated in FIG. **10**G, for restoring the data. The therapy management application restores all the settings and the therapist's clients from a particular date. The therapy management application then confirms whether the therapist wants to restore the data by displaying a confirmation message as exemplarily illustrated in FIG. **10**H. On receiving confirmation from the therapist to restore the data, the therapy management application restores the data. The therapy management application displays a message, for example, "Restoring Data" as exemplarily illustrated in FIG. **10**I, during the process of restoring the data. The therapy management application displays messages as exemplarily illustrated in FIGS. **10**J-**10**K on successfully restoring the data. For an unsuccess-

ful data restore process, the therapy management application displays an error message as exemplarily illustrated in FIG. **10**L.

[0086] FIG. **11** exemplarily illustrates a computer implemented system **1100** for managing and tracking therapy sessions. The computer implemented system **1100** disclosed herein comprises a therapy management application **1101** accessible to an electronic device **1103** of an evaluator **1102**, herein referred to as a "therapist" in multiple access modes, for example, a wireless access mode via a network **1104**, a wired access mode, an online access mode via the network **1104**, an offline access mode, etc. The network **1104** is, for example, the internet, an intranet, a local area network, a wide area network, a communication network implementing Wi-Fi® of the Wireless Ethernet Compatibility Alliance, Inc., a cellular network, a mobile communication network, etc. The mobile communication network is, for example, a global system for mobile communications (GSM) network, a general packet radio service (GPRS) network, a third generation (3G) mobile communication network, a fourth generation (4G) mobile communication network, etc. The therapy management application **1101** is accessible on an electronic device **1103** by downloading the therapy management application **1101** on the electronic device **1103** or by accessing a web platform that hosts the therapy management application **1101**. The therapy management application **1101** is executable by at least one processor configured to execute modules **1101***a*, **1101***b*, **1101***c*, **1101***d*, **1101***e*, **1101***f*, **1101***g*, **1101***h*, **1101***i*, **1101***j*, **1101***k*, **1101***l*, and **1101***m* of the therapy management application **1101**. A non-transitory computer readable storage medium is communicatively coupled to the processor. The non-transitory computer readable storage medium is configured to store the modules **1101***a*, **1101***b*, **1101***c*, **1101***d*, **1101***e*, **1101***f*, **1101***g*, **1101***h*, **1101***i*, **1101***j*, **1101***k*, **1101***l*, and **1101***m* of the therapy management application **1101**. The therapy management application **1101** comprises a graphical user interface (GUI) **1101***a*, a registration module **1101***l*, a scheduling engine **1101***c*, a goal generation module **1101***d*, a categorization module **1101***e*, a goal measurement definition module **1101***f*, a data collection and tracking module **1101***g*, a performance indicator definition module **1101***h*, a restoration module **1101***i*, a synchronization module **1101***j*, a report generation module **1101***k*, and a share and transfer module **1101***m*. The computer implemented system **1100** disclosed herein further comprises a secure database network **1105** with advanced encryption standard (AES) 256-bit encryption, regular backups, and firewall protection, in compliance with the Health Insurance Portability and Accountability Act (HIPAA) of 1996. The GUI **1101***a* comprises, for example, a set of a web pages hosted on a server or a network of servers associated with the therapy management application **1101**.

[0087] The registration module **1101***l*, registers a therapist **1102** via the GUI **1101***a*. When a therapist **1102** accesses the therapy management application **1101**, the registration module **1101***l* prompts the therapist **1102** to register with the therapy management application **1101** via the GUI **1101***a* if the therapist **1102** is unregistered. When the therapist **1102** wishes to register, the registration module **1101***l* displays a form to be filled by the therapist **1102**, requesting for information, for example, a name, an email address, a password, a unique user name, etc. The registration module **1101***l* also displays forms for acquiring membership details associated with registering the therapist **1102** as a member of the therapy management application **1101**. On successful registration of the therapist **1102**, the data collection and tracking module **1101***g* prompts the therapist **1102** to provide information associated with one or more clients. The data collection and tracking module **1101***g* collects information associated with each of the clients and stores the client information in the secure database network **1105**.

[0088] The scheduling engine **1101***c* schedules therapy sessions on behalf of the therapist **1102** with multiple clients and manages the therapist's **1102** appointments with multiple clients. The scheduling engine **1101***c* creates schedules for individual therapy sessions and group therapy sessions. The scheduling engine **1101***c* enables the therapist **1102** to modify previously entered appointments, add a new appointment in an empty time slot on the calendar, reschedule an appointment, etc. The goal generation module **1101***d* generates one or more goals for each of the clients based on an evaluation of each of the clients during the therapy sessions carried out by the therapist **1102**.

[0089] The categorization module **1101***e* categorizes each of the generated goals associated with each of the clients into one or more of multiple goal categories. The categorization module **1101***e* defines the goal categories based on goals in a field of therapy. The categorization module **1101***e* categorizes and organizes goals in the field of therapy into multiple goal categories or meta-categories. The meta-categories are commonly used, for example, in the field of speech and language therapy, physical therapy, occupational therapy, behavioral therapy, special education, etc. The meta-categories are, for example, articulation and phonology, syntax and morphology, semantics, pragmatics, fluency, voice, preschool goals: expressive, preschool goals: receptive, attention, autism spectrum, orientation, dysphagia, problem solving, reading, motor speech, memory, occupational therapy, physical therapy, behavioral therapy, augmentative and alternative communication (AAC), executive function, social, emotional, special education, etc. The categorization module **1101***e* further categorizes the meta-categories into sub-categories. For example, if a meta-category is "semantics", then "increasing vocabulary" is a sub-category within the area of semantics.

[0090] The goal measurement definition module **1101***f* defines one or more goal measurements for each of the generated goals within each of the goal categories. The performance indicator definition module **1101***h* defines multiple performance indicators for tracking the performance of each of the clients for each of the generated goals and goal measurements defined by the goal measurement definition module **1101***f*. The performance indicators are, for example, benchmarks against which the progress or the performance of clients is measured. The data collection and tracking module **1101***g* collects data acquired from the scheduled therapy sessions, for example, an individual therapy session or a group therapy session of each of the clients for each of the defined goal measurements via the GUI **1101***a*. The data collection and tracking module **1101***g* tracks the collected data for each of the defined goal measurements for each of the clients using multiple performance indicators defined by the performance indicator definition module **1101***h*. The data collection and tracking module **1101***g* controls access to the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements.

[0091] The GUI **1101***a* comprises one or more customization interfaces **1101***b* configured to acquire inputs from the

therapist **1102**, for example, for addition of one or more goal categories, addition of one or more goal measurements within the goal categories, customization of one or more performance indicators, and the collection of the data associated with the scheduled therapy sessions. The customization interfaces **1101***b* of the therapy management application **1101** enable the therapist **1102** to customize goals and goal measurements within various goal categories for each of the clients.

[0092] The synchronization module **1101***j* is configured to automatically synchronize the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements in an offline access mode, with the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements in an online access mode. The data collected and tracked when the therapy management application **1101** is used in an offline access mode is stored in the database network **1105**. The therapy management application **1101** communicates with the database network **1105** via a wired mode of communication or a wireless mode of communication via the network **1104**. When the therapy management application **1101** is accessed in an online access mode the synchronization module **1101***j* synchronizes the data collected and tracked in the offline access mode with the data collected and tracked in the online access mode in order to maintain continuity with regard to the therapy sessions associated with each of the clients.

[0093] The report generation module **1101***k* generates progress reports based on performance of each of the clients for each of the generated goals using the collected and tracked data. The report generation module **1101***k* is configured to generate the progress reports in one or more of multiple graphical representations, for example, in the form of bar graphs, line graphs, etc., based on time criteria. The generated progress reports are stored in the database network **1105** for future reference. The database network **1105** is configured to store and dynamically update the data acquired from the scheduled therapy sessions and the generated progress reports of each of the clients for each of the generated goals based on a preconfigured time interval. The therapist **1102** can choose a particular date to view a progress report based on the scheduled therapy session carried out on the particular date or wish to generate progress reports based on therapy sessions conducted over a period of time.

[0094] The restoration module **1101***i* restores data that is collected and tracked and backed up and stored in the database network **1105**. The restoration module **1101***i* is configured to restore the data acquired from the scheduled therapy sessions of each of the clients for a preconfigured time interval, on receiving an indication from the therapist **1102** via the GUI **1101***a*. The restoration module **1101***i* restores the data belonging to a particular time interval as configured by the therapist **1102**. The share and transfer module **1101***m* is configured to selectively share and transfer one or more of profile information of one or more clients, the generated goals of one or more clients, the collected and tracked data acquired from the scheduled therapy sessions of one or more clients, and the generated progress reports of one or more of the clients for each of the generated goals among one or more evaluators **1102** via the network **1104**.

[0095] FIG. **12** exemplarily illustrates the architecture of a computer system **1200** employed by the therapy management application **1101** for managing and tracking therapy sessions. The therapy management application **1101** of the computer implemented system **1100** exemplarily illustrated in FIG. **11** employs the architecture of the computer system **1200** exemplarily illustrated in FIG. **12** for managing and tracking therapy sessions.

[0096] The therapy management application **1101** is executable on an electronic device **1103** via a network **1104**, for example, a short range network or a long range network. The computer system **1200** of the electronic device **1103** comprises a processor **1201**, a memory unit **1202** for storing programs and data, an input/output (I/O) controller **1203**, a network interface **1204**, a data bus **1205**, a display unit **1206**, input devices **1207**, a fixed media drive **1208**, a removable media drive **1209** for receiving removable media, output devices **1210**, etc. The processor **1201** is an electronic circuit that executes computer programs. The memory unit **1202** is used for storing programs, applications, and data. For example, the registration module **1101***l*, the scheduling engine **1101***c*, the goal generation module **1101***d*, the categorization module **1101***e*, the goal measurement definition module **1101***f*, the data collection and tracking module **1101***g*, the performance indicator definition module **1101***h*, the restoration module **1101***i*, the synchronization module **1101***j*, the report generation module **1101***k*, the share and transfer module **1101***m*, etc., are stored in the memory unit **1202** of the computer system **1200** of the electronic device **1103**. The memory unit **1202** is, for example, a random access memory (RAM) or another type of dynamic storage device that stores information and instructions for execution by the processor **1201**. The memory unit **1202** also stores temporary variables and other intermediate information used during execution of the instructions by the processor **1201**. The computer system **1200** further comprises a read only memory (ROM) or another type of static storage device that stores static information and instructions for the processor **1201**.

[0097] The network interface **1204** enables connection of the computer system **1200** to the network **1104**. For example, the electronic device **1103** hosting the therapy management application **1101** connects to the network **1104** via the network interface **1204**. The network interface **1204** comprises, for example, an infrared (IR) interface, an interface implementing Wi-Fi® of the Wireless Ethernet Compatibility Alliance, Inc., a universal serial bus (USB) interface, a local area network (LAN) interface, a wide area network (WAN) interface, etc. The I/O controller **1203** controls input actions and output actions performed by the therapy management application **1101**. The data bus **1205** permits communications between the modules, for example, **1101***a*, **1101***b*, **1101***c*, **1101***d*, **1101***e*, **1101***f*, **1101***g*, **1101***h*, **1101***i*, **1101***j*, **1101***k*, **1101***l*, **1101***m*, etc., of the therapy management application **1101**.

[0098] The display unit **1206** of the electronic device **1103**, via the GUI **1101***a*, displays, for example, displays interfaces, icons, user interface elements such as text fields, checkboxes, text boxes, popup menus, etc., for allowing the therapist **1102** to enter information associated with the therapy sessions and the clients, to customize goals, to define goal measurements, etc., and for prompting the therapist **1102** to provide information, etc. The input devices **1207** are used for inputting data into the computer system **1200**. The therapist **1102** uses the input devices **1207** to provide inputs to the therapy management application **1101**. For example, a therapist **1102** enters information associated with the therapy sessions and the clients, customizes goals and goal measurements, assigns

performance indicators to the goal measurements, etc., on the therapy management application **1101** via the GUI **1101***a* using the input devices **1207**. The input devices **1207** are, for example, a keyboard such as an alphanumeric keyboard, a joystick, a pointing device such as a computer mouse, a touch pad, a light pen, etc. The output devices **1210** output the results of operations performed by the therapy management application **1101**. For example, the therapy management application **1101** displays a prompt window through the output devices **1210** to prompt the therapist **1102** to provide information associated with the therapy sessions and the clients, to prompt the therapist **1102** to update information associated with the clients, etc.

[0099] Computer applications and programs are used for operating the computer system **1200**. The programs are loaded onto the fixed media drive **1208** and into the memory unit **1202** of the computer system **1200** via the removable media drive **1209**. In an embodiment, the computer applications and programs may be loaded directly via the network **1104**. Computer applications and programs are executed by double clicking a related icon displayed on the display unit **1206** using one of the input devices **1207**.

[0100] The computer system **1200** employs an operating system for performing multiple tasks. The operating system is responsible for management and coordination of activities, and sharing of resources of the computer system **1200**. The operating system further manages security of the computer system **1200**, peripheral devices connected to the computer system **1200**, and network connections. The operating system employed on the computer system **1200** recognizes, for example, inputs provided by the user using one of the input devices **1207**, the output display, files, and directories stored locally on the fixed media drive **1208**, for example, a hard drive. The operating system on the computer system **1200** executes different programs using the processor **1201**. The processor **1201** retrieves instructions for executing the modules, for example, **1101***b*, **1101***c*, **1101***d*, **1101***e*, **1101***f*, **1101***g*, **1101***h*, **1101***i*, **1101***j*, **1101***k*, **1101***l*, **1101***m*, etc., of the therapy management application **1101** from the memory unit **1202**. A program counter determines the location of the instructions in the memory unit **1202**. The program counter stores a number that identifies the current position in the program of each of the modules, for example, **1101***b*, **1101***c*, **1101***d*, **1101***e*, **1101***f*, **1101***g*, **1101***h*, **1101***i*, **1101***j*, **1101***k*, **1101***l*, **1101***m*, etc., of the therapy management application **1101**.

[0101] The instructions fetched by the processor **1201** from the memory unit **1202** after being processed are decoded. The instructions are stored in an instruction register in the processor **1201**. After processing and decoding, the processor **1201** executes the instructions. For example, the registration module **1101***l* defines instructions for registering a therapist **1102** as a member with the therapy management application **1101**. The scheduling engine **1101***c* defines instructions for scheduling therapy sessions with one or more clients. The goal generation module **1101***d* defines instructions for generating one or more goals for each of the clients based on an evaluation of each of the clients in the scheduled therapy sessions performed by the therapist **1102**. The categorization module **1101***e* defines instructions for categorizing the generated goals for each of the clients into one or more of multiple goal categories. The categorization module **1101***e* defines instructions for defining the goal categories based on goals in a field of therapy. The goal measurement definition module **1101***f* defines instructions for defining one or more goal measurements for each of the generated goals within each of the goal categories. The data collection and tracking module **1101***g* defines instructions for collecting data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements via the GUI **1101***a*. The performance indicator definition module **1101***h* defines instructions for defining multiple performance indicators for tracking the performance of each of the clients for each of the generated goals and goal measurements. The data collection and tracking module **1101***g* defines instructions for tracking the collected data for each of the defined goal measurements using multiple performance indicators defined by the performance indicator definition module **1101***h*. The data collection and tracking module **1101***g* defines instructions for controlling access to the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements.

[0102] The synchronization module **1101***j* defines instructions for automatically synchronizing the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements in an offline access mode, with the collected and tracked data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements in an online access mode. The report generation module **1101***k* defines instructions for generating progress reports based on performance of each of the clients for each of the generated goals using the collected and tracked data. The report generation module **1101***k* defines instructions for generating the progress reports in one or more of multiple graphical representations, for example, in the form of bar graphs, line graphs, etc., based on time criteria. The restoration module **1101***i* defines instructions for restoring the data acquired from the scheduled therapy sessions of each of the clients for a preconfigured time interval, on receiving an indication from a therapist **1102** via the GUI **1101***a*. The share and transfer module **1101***m* defines instructions for selectively sharing and transferring one or more of the profile information of one or more clients, the generated goals of one or more clients, the collected and tracked data acquired from the scheduled therapy sessions of one or more clients, and the generated progress reports of one or more of the clients for each of the generated goals among one or more evaluators **1102** via the network **1104**.

[0103] The processor **1201** of the computer system **1200** employed by the therapy management application **1101** retrieves the instructions defined by the registration module **1101***l*, the scheduling engine **1101***c*, the goal generation module **1101***d*, the categorization module **1101***e*, the goal measurement definition module **1101***f*, the data collection and tracking module **1101***g*, the performance indicator definition module **1101***h*, the restoration module **1101***i*, the synchronization module **1101***j*, the report generation module **1101***k*, and the share and transfer module **1101***m* of the therapy management application **1101**, and executes the instructions for managing and tracking therapy sessions. At the time of execution, the instructions stored in the instruction register are examined to determine the operations to be performed. The processor **1201** then performs the specified operations. The operations comprise arithmetic operations and logic operations. The operating system performs multiple routines for performing a number of tasks required to assign the input devices **1207**, the output devices **1210**, and memory for execution of the modules, for example, **1101***b*, **1101***c*, **1101***d*,

1101*e*, **1101***f*, **1101***g*, **1101***h*, **1101***i*, **1101***j*, **1101***k*, **1101***l*, **1101***m*, etc., of the therapy management application **1101**. The tasks performed by the operating system comprise, for example, assigning memory to the modules, for example, **1101***b*, **1101***c*, **1101***d*, **1101***e*, **1101***f*, **1101***g*, **1101***h*, **1101***i*, **1101***j*, **1101***k*, **1101***l*, **1101***m*, etc., of the therapy management application **1101**, and to data used by the therapy management application **1101**, moving data between the memory unit **1202** and disk units, and handling input/output operations. The operating system performs the tasks on request by the operations and after performing the tasks, the operating system transfers the execution control back to the processor **1201**. The processor **1201** continues the execution to obtain one or more outputs. The outputs of the execution of the modules, for example, **1101***b*, **1101***c*, **1101***d*, **1101***e*, **1101***f*, **1101***g*, **1101***h*, **1101***i*, **1101***j*, **1101***k*, **1101***l*, **1101***m*, etc., of the therapy management application **1101** are displayed to the therapist **1102** on the display unit **1206**.

[0104] For purposes of illustration, the detailed description refers to the therapy management application **1101** being run locally on a computer system **1200**; however the scope of the computer implemented method and system **1100** disclosed herein is not limited to the therapy management application **1101** being run locally on the computer system **1200** via the operating system and the processor **1201**, but may be extended to run remotely over the network **1104** by employing a web browser and a remote server, a mobile phone, or other electronic devices.

[0105] Disclosed herein is also a computer program product comprising a non-transitory computer readable storage medium that stores computer program codes comprising instructions executable by at least one processor **1201** for managing and tracking therapy sessions. As used herein, the term "non-transitory computer readable storage medium" refers to all computer readable media, for example, non-volatile media such as optical disks or magnetic disks, volatile media such as a register memory, a processor cache, etc., and transmission media such as wires that constitute a system bus coupled to the processor **1201**, except for a transitory, propagating signal.

[0106] The computer program codes comprise a first computer program code for scheduling therapy sessions with multiple clients; a second computer program code for generating one or more goals for each of the clients based on an evaluation of each of the clients in the scheduled therapy sessions; a third computer program code for categorizing the generated goals for each of the clients into one or more of multiple goal categories; a fourth computer program code for defining one or more goal measurements for each of the generated goals within each of the goal categories; a fifth computer program code for collecting and tracking data acquired from the scheduled therapy sessions of each of the clients for each of the defined goal measurements via the GUI **1101***a*; a sixth computer program code for generating progress reports based on performance of each of the clients for each of the generated goals using the collected and tracked data; and a seventh computer program code for selectively sharing and transferring one or more of profile information of one or more clients, the generated goals of those clients, the collected and tracked data acquired from the scheduled therapy sessions of those clients for each of the defined goal measurements, and the generated progress reports of one or more of the clients for each of the generated goals among one or more evaluators **1102** via the network **1104**. The computer program product disclosed herein further comprises one or more additional computer program codes for performing additional steps that may be required and contemplated for managing and tracking therapy sessions. In an embodiment, a single piece of computer program code comprising computer executable instructions performs one or more steps of the computer implemented method disclosed herein for generating managing and tracking therapy sessions.

[0107] The computer program codes comprising computer executable instructions are embodied on the non-transitory computer readable storage medium. The processor **1201** of the computer system **1200** retrieves these computer executable instructions and executes them. When the computer executable instructions are executed by the processor **1201**, the computer executable instructions cause the processor **1201** to perform the steps of the computer implemented method for managing and tracking therapy sessions.

[0108] It will be readily apparent that the various methods and algorithms disclosed herein may be implemented on computer readable media appropriately programmed for general purpose computers and computing devices. As used herein, the term "computer readable media" refers to non-transitory computer readable media that participate in providing data, for example, instructions that may be read by a computer, a processor or a like device. Non-transitory computer readable media comprise all computer readable media, for example, non-volatile media, volatile media, and transmission media, except for a transitory, propagating signal. Non-volatile media comprise, for example, optical disks or magnetic disks and other persistent memory volatile media including a dynamic random access memory (DRAM), which typically constitutes a main memory. Volatile media comprise, for example, a register memory, a processor cache, a random access memory (RAM), etc. Transmission media comprise, for example, coaxial cables, copper wire and fiber optics, including wires that constitute a system bus coupled to a processor. Common forms of computer readable media comprise, for example, a floppy disk, a flexible disk, a hard disk, magnetic tape, any other magnetic medium, a compact disc-read only memory (CD-ROM), a digital versatile disc (DVD), any other optical medium, a flash memory card, punch cards, paper tape, any other physical medium with patterns of holes, a random access memory (RAM), a programmable read only memory (PROM), an erasable programmable read only memory (EPROM), an electrically erasable programmable read only memory (EEPROM), a flash memory, any other memory chip or cartridge, or any other medium from which a computer can read. A "processor" refers to any one or more microprocessors, central processing unit (CPU) devices, computing devices, microcontrollers, digital signal processors or like devices. Typically, a processor receives instructions from a memory or like device and executes those instructions, thereby performing one or more processes defined by those instructions. Further, programs that implement such methods and algorithms may be stored and transmitted using a variety of media, for example, the computer readable media in a number of manners. In an embodiment, hard-wired circuitry or custom hardware may be used in place of, or in combination with, software instructions for implementation of the processes of various embodiments. Therefore, the embodiments are not limited to any specific combination of hardware and software. In general, the computer program codes comprising computer executable instructions may be implemented in any programming

language. Some examples of languages that can be used comprise C, C++, C#, Perl, Python, or JAVA. The computer program codes or software programs may be stored on or in one or more mediums as object code. The computer program product disclosed herein comprises computer executable instructions embodied in a non-transitory computer readable storage medium, wherein the computer program product comprises one or more computer program codes for implementing the processes of various embodiments.

[0109] Where databases are described such as the secure database network **1105**, it will be understood by one of ordinary skill in the art that (i) alternative database structures to those described may be readily employed, and (ii) other memory structures besides databases may be readily employed. Any illustrations or descriptions of any sample databases disclosed herein are illustrative arrangements for stored representations of information. Any number of other arrangements may be employed besides those suggested by tables illustrated in the drawings or elsewhere. Similarly, any illustrated entries of the databases represent exemplary information only; one of ordinary skill in the art will understand that the number and content of the entries can be different from those disclosed herein. Further, despite any depiction of the databases as tables, other formats including relational databases, object-based models, and/or distributed databases may be used to store and manipulate the data types disclosed herein. Likewise, object methods or behaviors of a database can be used to implement various processes such as those disclosed herein. In addition, the databases may, in a known manner, be stored locally or remotely from a device that accesses data in such a database. In embodiments where there are multiple databases in the system, the databases may be integrated to communicate with each other for enabling simultaneous updates of data linked across the databases, when there are any updates to the data in one of the databases.

[0110] The present invention can be configured to work in a network environment including a computer that is in communication with one or more devices via a communication network. The computer may communicate with the devices directly or indirectly, via a wired medium or a wireless medium such as the Internet, a local area network (LAN), a wide area network (WAN) or the Ethernet, token ring, or via any appropriate communications means or combination of communications means. Each of the devices may comprise computers such as those based on the Intel® processors, AMD® processors, UltraSPARC® processors, IBM® processors, processors of Apple Inc., etc., that are adapted to communicate with the computer. Any number and type of machines may be in communication with the computer.

[0111] The foregoing examples have been provided merely for the purpose of explanation and are in no way to be construed as limiting of the present invention disclosed herein. While the invention has been described with reference to various embodiments, it is understood that the words, which have been used herein, are words of description and illustration, rather than words of limitation. Further, although the invention has been described herein with reference to particular means, materials, and embodiments, the invention is not intended to be limited to the particulars disclosed herein; rather, the invention extends to all functionally equivalent structures, methods and uses, such as are within the scope of the appended claims. Those skilled in the art, having the benefit of the teachings of this specification, may affect numerous modifications thereto and changes may be made without departing from the scope and spirit of the invention in its aspects.

I claim:

1. A computer implemented method for tracking and managing therapy sessions, comprising:

providing a therapy management application executable by at least one processor configured to track and manage said therapy sessions, wherein said therapy management application is accessible by an electronic device in a plurality of access modes;

scheduling said therapy sessions with a plurality of clients by said therapy management application;

generating one or more goals for each of said clients by said therapy management application based on an evaluation of said each of said clients in said scheduled therapy sessions;

categorizing said generated one or more goals for said each of said clients into one or more of a plurality of goal categories by said therapy management application;

defining one or more goal measurements for each of said generated one or more goals within each of said one or more of said goal categories by said therapy management application;

collecting and tracking data acquired from said scheduled therapy sessions of said each of said clients for each of said defined one or more goal measurements by said therapy management application via a graphical user interface provided by said therapy management application; and

generating progress reports based on performance of said each of said clients for said each of said generated one or more goals by said therapy management application using said collected and tracked data.

2. The computer implemented method of claim **1**, further comprising selectively sharing profile information of one or more of said clients, said generated one or more goals of each of said one or more of said clients, said collected and tracked data acquired from said scheduled therapy sessions of said each of said one or more of said clients for said each of said defined one or more goal measurements, and said generated progress reports of said each of said one or more of said clients among evaluators by said therapy management application.

3. The computer implemented method of claim **1**, further comprising securely transferring one or more of profile information of one or more of said clients, said generated one or more goals of each of said one or more of said clients, said collected and tracked data acquired from said scheduled therapy sessions of said each of said one or more of said clients for said each of said defined one or more goal measurements, and said generated progress reports of said each of said one or more of said clients for each of said generated one or more goals to one or more evaluators by said therapy management application via a network for subsequent said evaluation of said one or more of said clients based on transfer criteria.

4. The computer implemented method of claim **1**, wherein said therapy management application is configured to define said goal categories based on goals in a field of therapy.

5. The computer implemented method of claim **1**, further comprising defining a plurality of performance indicators by

said therapy management application for tracking said performance of said each of said clients for said each of said generated one or more goals.

6. The computer implemented method of claim **1**, further comprising providing one or more customization interfaces by said therapy management application, wherein said one or more customization interfaces are configured to acquire inputs for one or more of addition of one or more goal categories, addition of one or more goal measurements within said one or more goal categories, customization of one or more performance indicators, and said collection of said data associated with said scheduled therapy sessions.

7. The computer implemented method of claim **1**, further comprising registering an evaluator via said graphical user interface of said therapy management application.

8. The computer implemented method of claim **1**, further comprising providing a database network in communication with said therapy management application, wherein said database network is configured to store and dynamically update said data acquired from said scheduled therapy sessions and said generated progress reports of said each of said clients for said each of said generated one or more goals based on a preconfigured time interval.

9. The computer implemented method of claim **1**, further comprising restoring said data acquired from said scheduled therapy sessions of said each of said clients for a preconfigured time interval by said therapy management application, on receiving an indication from an evaluator via said graphical user interface.

10. The computer implemented method of claim **1**, wherein said therapy management application is configured to generate said progress reports in one or more of a plurality of graphical representations based on time criteria.

11. The computer implemented method of claim **1**, further comprising controlling access to said collected and tracked data acquired from said scheduled therapy sessions of said each of said clients for said each of said defined one or more goal measurements by said therapy management application.

12. The computer implemented method of claim **1**, wherein said access modes for accessing said therapy management application comprise a wireless access mode, a wired access mode, an online access mode, and an offline access mode.

13. The computer implemented method of claim **1**, further comprising automatically synchronizing said collected and tracked data acquired from said scheduled therapy sessions of said each of said clients for said each of said defined one or more goal measurements in an offline access mode, with said collected and tracked data acquired from said scheduled therapy sessions of said each of said clients for said each of said defined one or more goal measurements in an online access mode by said therapy management application.

14. A computer implemented system for tracking and managing therapy sessions, comprising:

at least one processor;

a non-transitory computer readable storage medium communicatively coupled to said at least one processor, said non-transitory computer readable storage medium configured to store modules of a therapy management application, said at least one processor configured to execute said modules of said therapy management application;

said therapy management application accessible by an electronic device in a plurality of access modes, wherein said modules of said therapy management application comprise:

a scheduling engine configured to schedule said therapy sessions with a plurality of clients;

a goal generation module configured to generate one or more goals for each of said clients based on an evaluation of said each of said clients in said scheduled therapy sessions;

a categorization module configured to categorize said generated one or more goals for said each of said clients into one or more of a plurality of goal categories;

a goal measurement definition module configured to define one or more goal measurements for each of said generated one or more goals within each of said one or more of said goal categories;

a data collection and tracking module configured to collect and track data acquired from said scheduled therapy sessions of said each of said clients for each of said defined one or more goal measurements via a graphical user interface provided by said therapy management application; and

a report generation module configured to generate progress reports based on performance of said each of said clients for said each of said generated one or more goals using said collected and tracked data.

15. The computer implemented system of claim **14**, wherein said modules of said therapy management application further comprise a share and transfer module configured to selectively share and transfer one or more of profile information of one or more of said clients, said generated one or more goals of each of said one or more of said clients, said collected and tracked data acquired from said scheduled therapy sessions of said each of said one or more of said clients for said each of said defined one or more goal measurements, and said generated progress reports of said each of said one or more of said clients for said each of said generated one or more goals among one or more evaluators via a network.

16. The computer implemented system of claim **14**, wherein said categorization module is configured to define said goal categories based on goals in a field of therapy.

17. The computer implemented system of claim **14**, wherein said modules of said therapy management application further comprise a performance indicator definition module configured to define a plurality of performance indicators for tracking said performance of said each of said clients for said each of said generated one or more goals.

18. The computer implemented system of claim **14**, wherein said graphical user interface of said therapy management application comprises one or more customization interfaces configured to acquire inputs for one or more of addition of one or more goal categories, addition of one or more goal measurements within said one or more goal categories, customization of one or more performance indicators, and said collection of said data associated with said scheduled therapy sessions.

19. The computer implemented system of claim **14**, wherein said modules of said therapy management application further comprise a registration module configured to register an evaluator via said graphical user interface.

20. The computer implemented system of claim **14**, further comprising a database network in communication with said therapy management application, wherein said database network is configured to store and dynamically update said data acquired from said scheduled therapy sessions and said generated progress reports of said each of said clients for said each of said generated one or more goals based on a preconfigured time interval.

21. The computer implemented system of claim **14**, wherein said modules of said therapy management application further comprise a restoration module configured to restore said data acquired from said scheduled therapy sessions of said each of said clients for a preconfigured time interval, on receiving an indication from an evaluator via said graphical user interface.

22. The computer implemented system of claim **14**, wherein said report generation module is configured to generate said progress reports in one or more of a plurality of graphical representations based on time criteria.

23. The computer implemented system of claim **14**, wherein said data collection and tracking module is configured to control access to said collected and tracked data acquired from said scheduled therapy sessions of said each of said clients for said each of said defined one or more goal measurements.

24. The computer implemented system of claim **14**, wherein said modules of said therapy management application further comprise a synchronization module configured to automatically synchronize said collected and tracked data acquired from said scheduled therapy sessions of said each of said clients for said each of said defined one or more goal measurements in an offline access mode, with said collected and tracked data acquired from said scheduled therapy sessions of said each of said clients for said each of said defined one or more goal measurements in an online access mode.

25. A computer program product comprising a non-transitory computer readable storage medium, said non-transitory computer readable storage medium storing computer program codes comprising instructions executable by at least one processor, said computer program codes comprising:

a first computer program code for scheduling therapy sessions with a plurality of clients;

a second computer program code for generating one or more goals for each of said clients based on an evaluation of said each of said clients in said scheduled therapy sessions;

a third computer program code for categorizing said generated one or more goals for said each of said clients into one or more of a plurality of goal categories;

a fourth computer program code for defining one or more goal measurements for each of said generated one or more goals within each of said one or more of said goal categories;

a fifth computer program code for collecting and tracking data acquired from said scheduled therapy sessions of said each of said clients for each of said defined one or more goal measurements via a graphical user interface;

a sixth computer program code for generating progress reports based on performance of said each of said clients for said each of said generated one or more goals using said collected and tracked data; and

a seventh computer program code for selectively sharing and transferring one or more of profile information of one or more of said clients, said generated one or more goals of each of said one or more of said clients, said collected and tracked data acquired from said scheduled therapy sessions of said each of said one or more of said clients for said each of said defined one or more goal measurements, and said generated progress reports of said each of said one or more of said clients for said each of said generated one or more goals among one or more evaluators via a network.

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