Chance Gildart

Dr. Ji Hwan Park
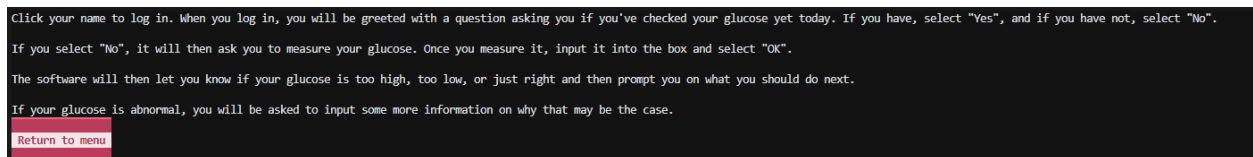
Assignment 3 Report

Log-in screen:

On this screen, the user will be greeted with four buttons: two names, the "Help" button, and the "Quit" button. When either of the names is pressed, it will redirect the user to that person's account, where it'll ask the user if they've taken their glucose reading yet. Pressing the "Help" button will pull up a screen that has information about the software, how to use it, and what to expect when using it. Clicking the "Quit" button will close the program.

Help screen:

The help screen, as was mentioned previously, has text that explains how to use the app and what to expect. It also has a red "Return to menu" button that when pressed, will return the user to the log-in screen.

Query screens:

Sara Norman, ID: 1275-4307

Have you taken a glucose measurement today?

[Yes]   [No]

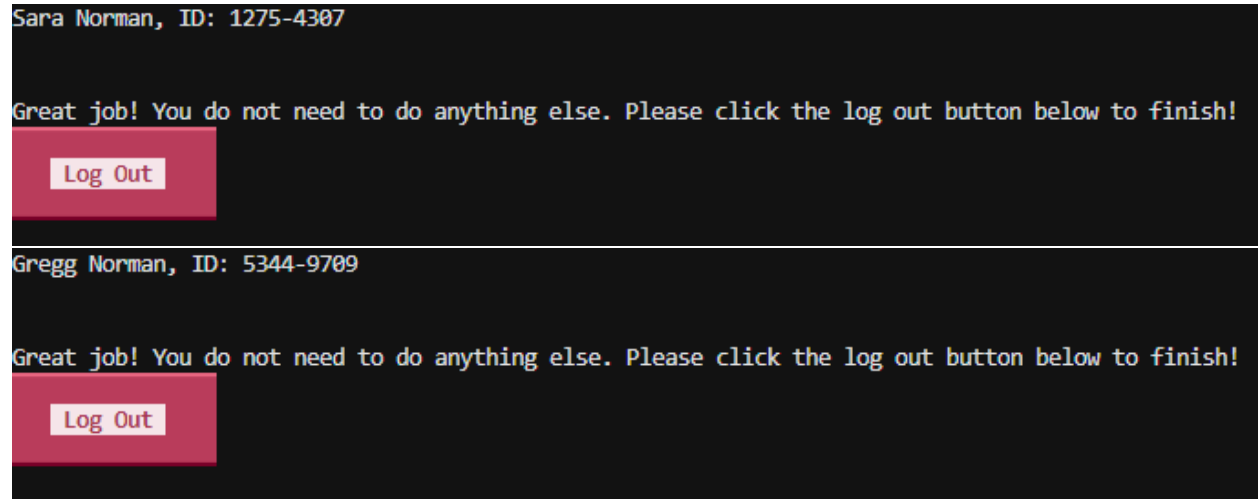[Log out]

Gregg Norman, ID: 5344-9709

Have you taken a glucose measurement today?

[Yes]   [No]

[Log out]

Both patients' screens are very similar and behave the same. The patient's name and ID are displayed at the top of the screen, and will be on every single screen until the user logs out. The software will ask the patient if they've taken a measurement today. They will be directed to different screens if they click yes/no. Clicking the log-out button will return the user to the log-in screen.

"Yes" selection screens:

When the user answers "Yes" to if they've taken a measurement, they are greeted with the above message telling them that they don't need to do anything else. The log-out button takes them back to the log-in screen.

"No" selection screens:

Sara Norman, ID: 1275-4307

Please take a reading of your glucose immediately.

Once you are finished, please input your reading into the textbox below and click "OK".

Glucose Reading (mg\dL)

OK

Log Out

Gregg Norman, ID: 5344-9709

Please take a reading of your glucose immediately.

Once you are finished, please input your reading into the textbox below and click "OK".

Glucose Reading (mg\dL)

OK

Log Out

When the user answers "No", they are instructed to take a measurement immediately and to input it into the textbox. The textbox only accepts numeric values between 0 and 999. When the user clicks "OK", the software will calculate whether their glucose reading is high, low, or good. Again, the log-out button will take the user back to the log-in screen.

High glucose screens:

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Sara Norman, ID: 1275-4307

Your blood sugar is high. Please contact your doctor immediately. Their contact info is below:

Dr. Jason Rosenberg
Phone Number: 579-0432

Please tell us about what you've eaten or if you are feeling ill today in the textbox below. Click "Submit" when you're finished.

| Submit |

| Log Out |
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Gregg Norman, ID: 5344-9709

Your blood sugar is high. Please contact your doctor immediately. Their contact info is below:

Dr. Nikhil Singh
Phone Number: 334-2309

Please tell us about what you've eaten or if you are feeling ill today in the textbox below. Click "Submit" when you're finished.

| Submit |

| Log Out |
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When the input glucose level is higher than the interval for each patient, the user will be instructed to call their doctor immediately and will print the doctor's information on the screen. It will also ask the user to describe anything that could be causing an abnormal reading. When the user clicks submit, the textbox and the submit button will disappear, leaving only the text and the log-out button, the latter of which will send the user back to the log-in screen.

Low glucose screens:

When the user inputs a glucose level lower than their interval, they will be instructed to consume some sugar and to input things that could have caused the abnormal reading (similar to the high glucose screens). Again, on hitting submit, the textbox and submit button disappear. The log-out button sends the user back to the log-in screen when hit.

Good glucose screens:

When the user inputs a glucose level that falls within their interval, they will be greeted with a screen letting them know so, and that they do not need to do anything else. The log-out button sends them back to the log-in screen.