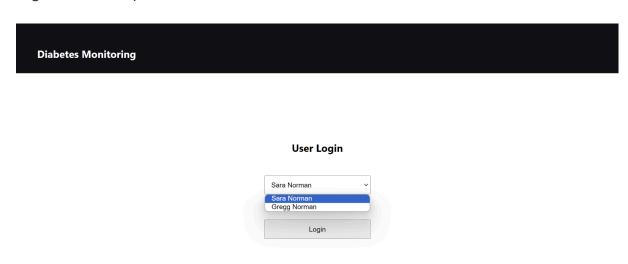
Lana Nguyen Human Computer Interaction April 14th, 2024 Homework 3: Diabetes Monitoring System

Background

An interface that allows the user to input their daily blood glucose for diabetes monitoring. This application was created using React, HTML, CSS, and Javascript.

Interface Requirements

Login Screen (3 pts)



The system has the following two users' data built-in, and both users can login by simply selecting their first name..

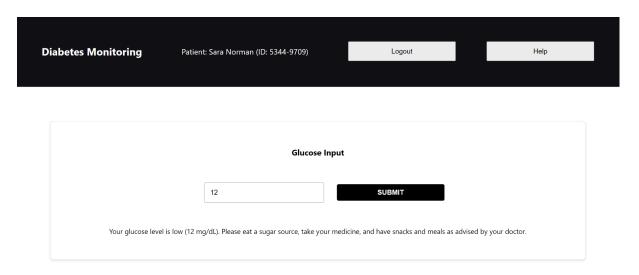
Blood Glucose (Sugar Level) Monitoring (8 pts)

Once logged in, every other screen in the interface displays the current patient's name and ID number and also allows them to log out at any time. The user is prompted if they have taken their blood sugar reading. If they have, they are allowed to input their reading. If not, you should prompt them to do it

immediately and then record the results. (Acceptable input values are numbers 0 through 999.)

Diabetes Monitoring	Patient: Sara Norman (ID: 5344-9709)	Logout	Help	
	Have you taken your blood glucose	e reading today?		
	Yes, I have taken it	lo, I have not taken it		

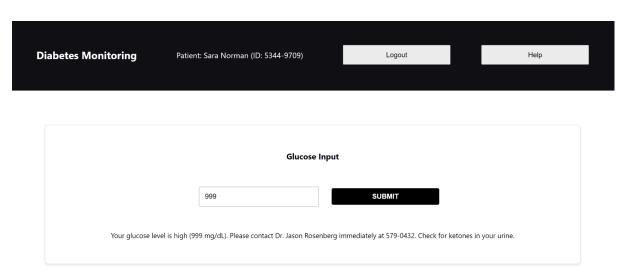
If the user's reading is in their low range, you should notify them that this is a reading that is low. You should remind them to eat a sugar source, take their medicine, and eat meals and snacks as described by their doctor.



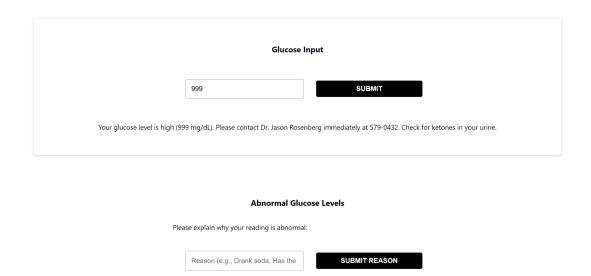
If the user's reading is in their normal range, inform them that their reading is within a normal range.

Diabete	s Monitoring	Patient: Sara Norman (ID: 5344-9709)	Logout		Help		
Glucose Input							
		Your glucose level is normal (120 mg/dL). k	SUBMIT Keep up the good work!				

If the user's reading is in their high range, you should notify the user that their blood sugar is high. Ask them to call their doctor immediately, providing both their doctor's name and phone number. You should then ask them if there is a presence of ketones in their urine.



For any abnormal readings (i.e. in the too low or too high ranges), you should request the user to explain why they feel their reading isn't normal (Allow them to input such reasons as Drank soda, Has the flu, Ate a big lunch, etc.)



Help (1pt)

Pressing the "help" button prompts an informative menu with descriptions of each task and button in the interface in the case the user does not understand what to do.



Logout

Diabetes Monitoring



Pressing the logout button returns the user to the login screen.