

Feedback Response

The feedback I had received was from the professor only and not anything from peers. The feedback I received was regarding the type of database I was using and how to redesign the service layer and give specific endpoints. The data base I had originally chosen for the project was a SQL structured database, it was suggested to me to use something like MongoDB instead. This was good feedback, because I could draw many pieces of information from multiple documents with userId's and have the web app return the insulin on board and the newly suggested bolus rate, while storing that information so the next time someone is trying to enter in the new bolus information the database has a record it can pull up from the previous bolus. Trying to do it with a SQL database really does not make sense when I think more about it because I really am not using many different variables within many tables. One example I thought of where the same concept applies to this app, is a shopping list. If you have a shopping list it's easier to have different cart numbers, and then take a document that has multiple items on it reference it, and then proceed to the checkout while storing information. You're really not doing querying with the data so you really don't need a query language nor a structured query database.

The second feedback I had received was regarding the service layer and making sure I have specified endpoints. The document that was shared with me helped a lot with my understanding of the assignment. As my service layer is acting much like a crew member taking my order at a fast food restaurant, my service layer needed to be explained by terms of how my app is doing that same process (as a crew member). For instance, when I should be using get/post/delete methods during a "transaction". In the case of the IOB app it would be something more like a GET previousBolus to retrieve a stored bolus amount that was the last bolus amount given, and have automatically factor into the new bolusing calculations in the IOB app.

The feedback given will be implemented in this week's re-dos. A SQL database is not the best fit for this web app, so it will be switched out for MongoDB. The service layer design has to be completely made and updated based on what was actually being asked.