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SDEV-140

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Professor Etheridge

**Module 06 Project Status Report II**

• Name of the GUI Tkinter Application: My Glucose Tracking Meter

• Things that I have accomplished thus far:

* I have developed a login window for the interface, complete with labels and buttons for the text fields, showcasing the app name and login options. Users can either create a new account if they do not have one, which requires them to enter a username, email, and password, or they can log in with their existing username or email and password. If someone forgets their password, they can easily reset it and will receive an email notification to log in with their new password.
* In addition, I installed a new app named DB Browser (SQLite) to connect to the database, which will assist in storing and retrieving data for my Tkinter GUI application.

• Things that I am either struggling with or need to be completed:

* One of the things that I am troubled with is utilizing the Python Image Library (PIP). I have tried uninstalling and reinstalling it on my PC through the command prompt several times. Each time, the command prompt confirms a successful installation. However, when I run the code in IDLE, it keeps saying that the "PIL module is not found." Because of this, I have been unable to incorporate any images that are required for this project.
* One of the tasks remaining is the development of a second window for my application. This additional window will display glucose levels, allowing users to manually input their blood sugar readings. The application will then assess these readings and indicate whether the glucose levels are low, borderline, normal, or high.
* Furthermore, I must also design a third window that presents the user's average blood sugar over a specified daily period, which can be set for 30, 60, or 90 days.
* One task I need to complete is the validation testing for both the user's login and their input of blood glucose levels.