

# **Release Plan**

## **Sugar Analysis**

CSE 115A Sugar Analysis Team:

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### **High Level Goals**

- Send notifications and alerts to user when blood sugar levels need testing
- Give general advice based on weekly progress and set goals
- Track BMI: User manually inputs height and weight, then app calculates BMI

### **User Stories For Release**

- Sprint One: familiarize group with Android Studio and start general set up
  - (5) As a product user, I need to be notified when I should test my blood sugar levels in order to maintain my health.
  - (4) As a product user, I need the notification to transfer me to the homepage of the app so I can view my blood sugar check schedule.
    - Home Page: Notification sends user to the home page that has a list of schedules
- Sprint Two: establishing layout of our main page.
  - (5) As a product user, I need to check my logs stored in a database so I can monitor my progress.
    - SQL Database
  - (3) As a product user, I need to be able to locate the information I inputted to review my fitness and eating habits.
- Sprint Three: implementing measurements
  - (5) As a product user, I want to accurately calculate my BMI so I can track any changes in my body mass.
  - (3) As a product user, I want to review my BMI to verify that my body mass corresponds to my glucose levels.
- Sprint Four: Advice and Counseling
  - (5) As a product user, I need a notification to alert me if my blood sugar levels are too high or too low.

- (3) As a product user, I want to input my doctor's number so that I can set up an appointment to get my blood sugar checked
- (3) As a product user, I want to receive weekly advice based on my weekly progress to improve my health.

## **Product Backlog**

Our main goal for Sugar Analysis is to track blood sugar levels for individuals concerned about their health. When a client uses the app, their intended reason for using it is to input blood glucose data into a log and be reminded for check-ups. Our goal is to finish everything currently listed in the sprints with the time we have allotted. Here are some additional features we may/may not include in the release depending on how much we accomplish in the sprints:

- Provide contact for health advisors in the area so user has more resources
  - This is part of Sprint 4, User Story 2
- Implement daily tips/quotes to give user motivation
  - This is part of Sprint 4, User Story 3
- Have the user create a profile and interact with other users
- Create a small fitness plan to most optimally plan manage health based on the reported blood sugar levels, BMI, and other diagnostics and measurements.

## **Project Presentation**

Link to presentation:

[https://docs.google.com/presentation/d/1FctHg1yfDXY5\\_PE76uccdp\\_EDJFeq\\_qx8cx4n3Afc8g/edit?usp=sharing](https://docs.google.com/presentation/d/1FctHg1yfDXY5_PE76uccdp_EDJFeq_qx8cx4n3Afc8g/edit?usp=sharing)