

# **Sprint 2 Report**

## **Sugar Analysis**

CSE 115A Sugar Analysis Team

November 3, 2019

### **Actions to Stop Doing:**

- Our team needs to stop being late to meetings or missing meetings we scheduled.
- Our team needs everyone to complete the assigned tasks per sprint on time.

### **Actions to Start Doing:**

- Our team needs to spend more time doing development together during our team meetings; this means doing some more of talking about our specific work and issues to each other, having a few people figuring out how to solve a problem or create a solution for single task for at least some parts of our team meeting, despite having individual tasks.
- Our team needs to start discussing how to integrate our different tasks more, and go about doing it.
- Our team needs to continue estimating work better, while also being better about staying consistent with estimates that we make.

### **Actions to Keep Doing**

- Our team should continually report what tasks we completed so we can understand how much progress we made.
- Our team should continue to go over our overall project scope and features every few times, so we can gain more clarity in how specific tasks we work on at certain points during sprints will help the end product become functional.

## Work Completed/Not Completed

The completed user stories are crossed out. Due to a lot of scheduling conflicts and more power outage, we could not complete a majority of the tasks we predicted for Sprint 2. However, we do plan to complete them by Sprint 3. This will probably delay some of the planned implementations for our fourth and final sprint.

**User Story One:** As a product user, I need to check my logs stored in a database so I can monitor my progress.

- ~~Task 1: allow users to input blood sugar amount (3 hour)~~
- Task 2: implement algorithm that forces application to alert user if blood glucose is too low or high (4 hours)
- ~~Task 3: implement Main Activity (including Progress Tab and Main Tab) (4 hours)~~

Total Time for User Story One: 11 hours

**User Story 2:** 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.

- ~~Task 1: learn SQL Database (5 hours)~~
- Task 2: create a clickable notification using the alert (5 hours)

Total Time for User Story Two: 10 Hours

**User Story 3:** As a product user, I need to be able to locate the information I inputted to review my fitness and eating habits.

- Task 1: enable input and retrieval of data into SQL Database (6 hours)
  - (In Progress)

Total Time for User Story Three: 6 Hours

Since one of the members completed their task ahead of time, she finished the following user stories intended for Sprint 3:

- As a product user, I want to accurately calculate my BMI so I can track any changes in my body mass.
- As a product user, I want to review my BMI to verify that my body mass corresponds to my glucose levels.

## **Work Completion Rate**

Total number of user stories completed during the prior sprint: 2

Total number of estimated ideal work hours completed during the prior sprint: 12

Total number of days during the prior sprint: 14 days

User stories/day: 0.05

Ideal work hours/day: 2

Average user stories/day: 0.07

Average ideal work hours/day: 3

## BURNUP CHART

