

Sprint One Plan

Sugar Analysis

CSE 115A Sugar Analysis Team:

Nooran Salim, Nikita Thumma, Pranav Nampoothiri, Justin Morales, Nicole Ng

Goal: familiarize team with Android Studio and program Main Activity page

User Story One: As a product user, I need to be notified when I should test my blood sugar levels in order to maintain my health.

- Task 1: understand Android Studio tools (3 hours)
- Task 2: allow users to input blood sugar amount (1 hour)
- Task 3: figure out algorithm that forces application to alert user if blood glucose is too low or high (3 hours)

Total Time for User Story One: 7 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: create a clickable notification using the alert from User Story One, Task 3 (5 hours)
- Task 2: enable users to click the notification that opens the app to the homepage (5 hours)

Total Time for User Story Two: 10 hours

Spikes

- familiarizing group with Android Studio

Infrastructure Tasks

- setting up GitHub repository

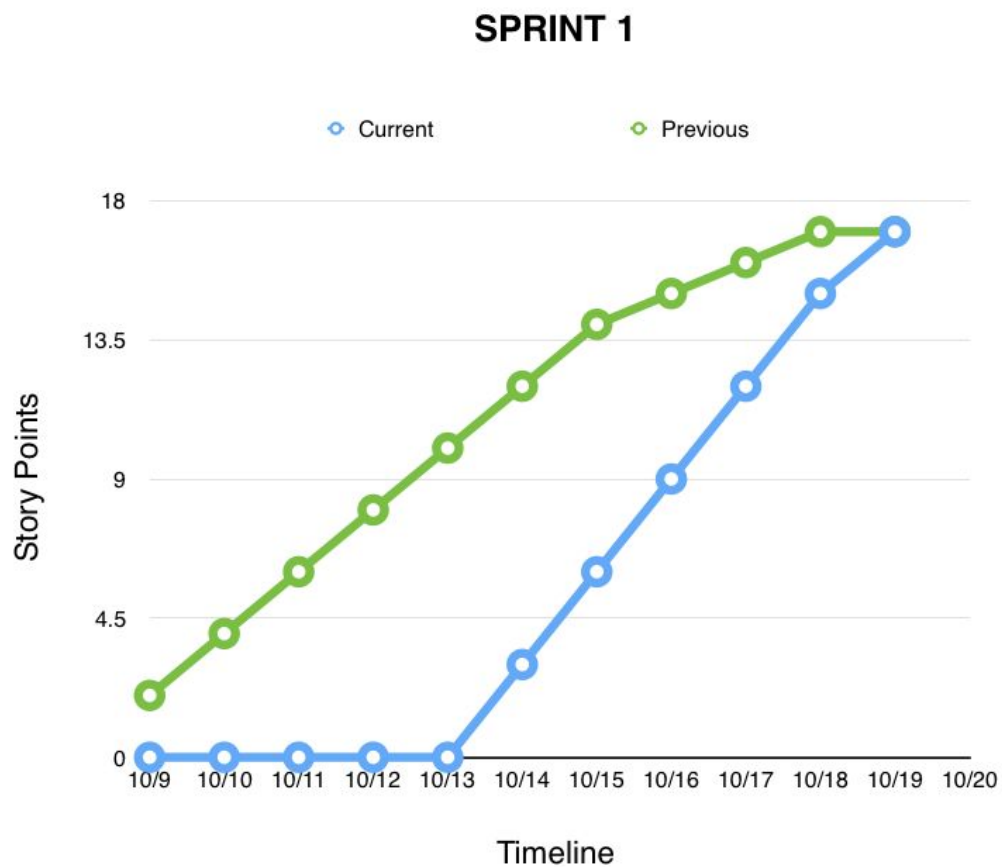
Team Roles:

- Nooran: Product Owner, Developer
- Nikita: Developer
- Pranav: Developer
- Justin: Developer
- Nicole: Developer

Initial Task Assignment:

- Nooran: Set up configuration of user input
- Nikita: Contribute to design and clickable notification.
- Pranav: Contribute to algorithm design of app giving out appropriate alerts for particular blood glucose levels
- Justin: Contribute to setting up functions that allow for the setup of notifications
- Nicole: UI design of homepage

Initial Burnup Chart:



Initial Scrum Board:

“Also known as a task board, the scrum board is a **physical board** and labeled as such with sprint number and project name and located in the lab.”

Scrum Times:

Tuesdays: 4:30pm

Wednesdays: 5:00pm (with TA Omkar)

Saturdays: 10:00am