

# Sprint One Plan

## Sugar Analysis

CSE 115A Sugar Analysis Team:

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**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:

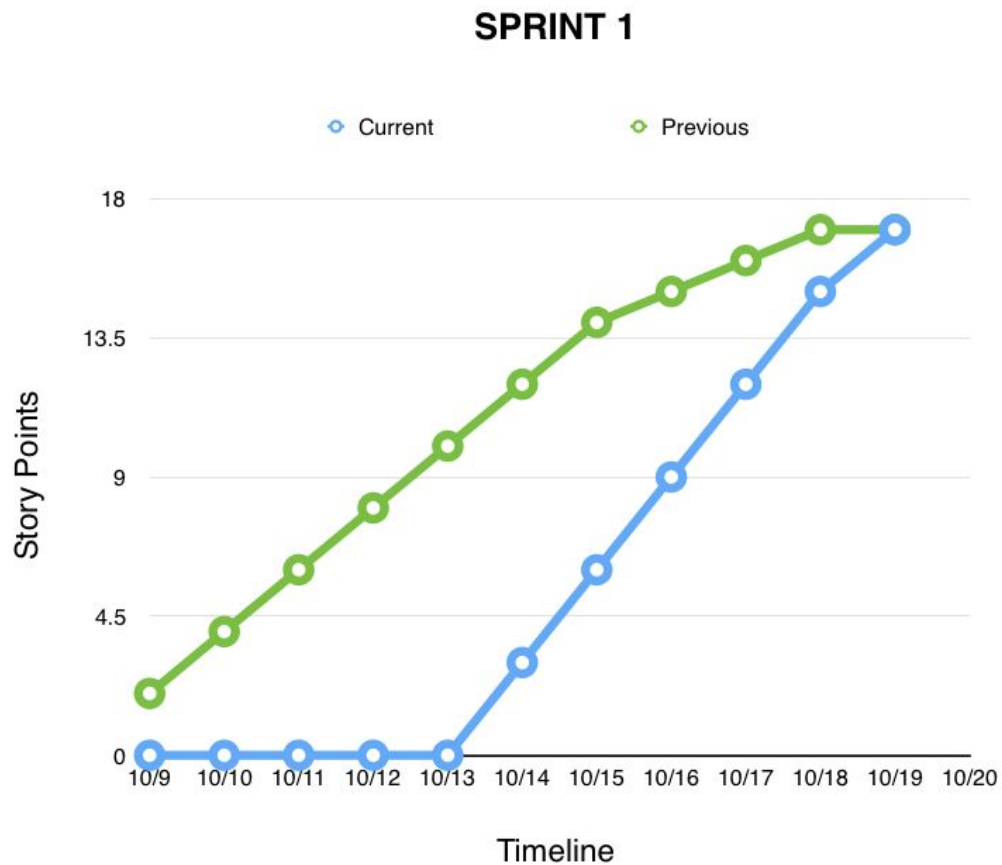
- Nooran: Product Owner, Developer
- Nikita: Developer
- Pranav: Developer
- Justin: Developer
- Nicole: Developer, SCRUM Master

### 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:

Updated 10/14

“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.”

User Story	To Do	In Progress	Done
As a product user, I need to be notified when I should test my blood sugar levels in order to maintain my health.	<div>allow users to input blood sugar amount (1 hour)</div> <div>figure out algorithm that forces application to alert user if blood glucose is too low or high (3 hours)</div>	<div>understand Android Studio tools (3 hours)</div>	
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.	<div>create a clickable notification using the alert from User Story One, Task 3 (5 hours)</div> <div>enable users to click the notification that opens the app to the homepage (5 hours)</div>		

### Scrum Times:

Tuesdays: 4:30pm

Wednesdays: 5:00pm (with TA Omkar)

Saturdays: 10:00am