

Sprint Two Plan

Sugar Analysis

CSE 115A Sugar Analysis Team:

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

Sprint 2 Ends 11/3

Goal: Program Main Activity page and main functions

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

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: 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)

Total Time for User Story Two: 6 Hours

Team Roles:

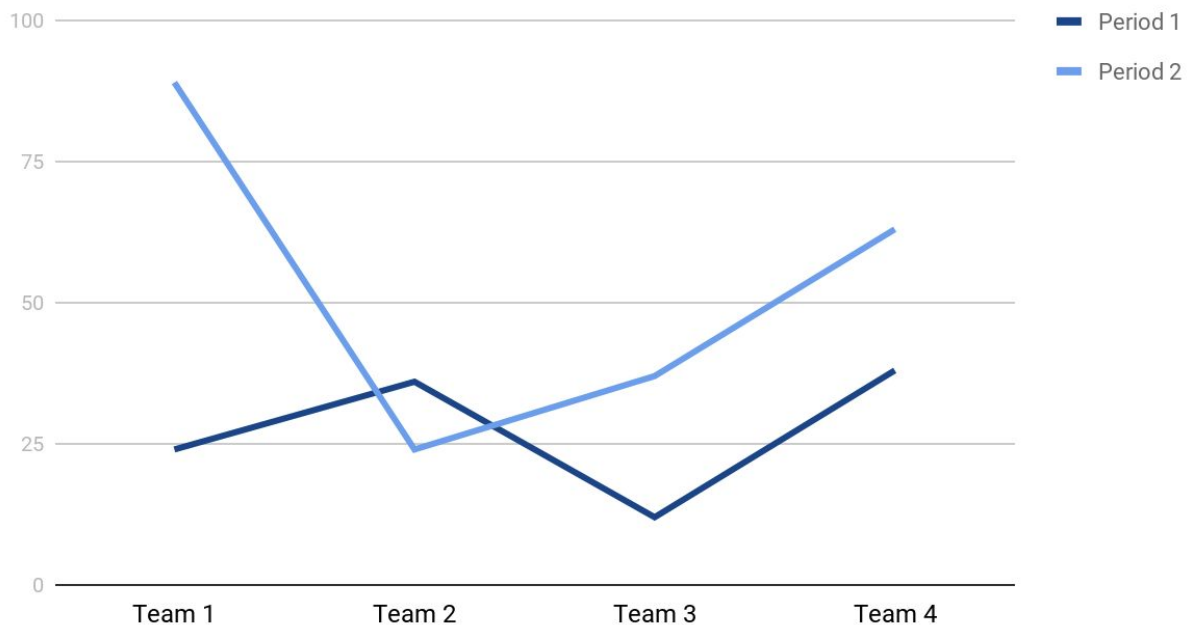
- Nooran: Product Owner, Developer
- Nikita: Developer
- Pranav: SCRUM master, Developer
- Justin: Developer
- Nicole: Developer

Initial Task Assignment:

- Nooran: User input of blood sugar levels and set up display of alarms
- Nikita: Implement Notifications to alert user
- Pranav: Figure out how to implement time library
- Justin: SQL database setup and figure out how to make queries to save input into database.
- Nicole: Display a progress chart and calculate blood sugar average per day; incremental progress report (sliding chart)

Initial Burnup Chart:

Points scored



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			

<p>when I should test my blood sugar levels in order to maintain my health.</p>	<div data-bbox="516 205 800 369"> <p>allow users to input blood sugar amount (1 hour)</p> </div> <div data-bbox="516 373 800 705"> <p>figure out algorithm that forces application to alert user if blood glucose is too low or high (3 hours)</p> </div>	<div data-bbox="824 205 1109 411"> <p>understand Android Studio tools (3 hours)</p> </div>	
<p>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.</p>	<div data-bbox="516 814 800 978"> <p>learn SQL Database (5 hours)</p> </div> <div data-bbox="516 982 800 1167"> <p>create a clickable notification using the alert (5 hours)</p> </div>		
<p>As a product user, I need to be able to locate the information I inputted to review my fitness and eating habits.</p>	<div data-bbox="516 1276 800 1486"> <p>enable input and retrieval of data into SQL Database (6 hours)</p> </div>		

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Scrum Times:

Tuesdays: 4:30pm

Wednesdays: 5:00pm (with TA Omkar)

Saturdays: 10:00am