Sprint Three Plan

Sugar Analysis

CSE 115A Sugar Analysis Team:
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Sprint 3 Ends 11/17

Goal: Enable Notifications based on Time and implementing the SQL database

User Story One: 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 that redirects user to homepage (5 hours)
- Task 2: create time based notifications (6 hours)
- Task 3: alert user if average blood sugar too high or low (5 hours)

Total Time for User Story One: 16 hours

User Story 2: As a product user, I need to be able to locate the information I inputted to review my fitness and eating habits.

- Task 1: store user inputted blood sugar into SQL database (3 hours)
- Task 2: retrieve blood sugar results from SQL database and display in bar chart (10 hours)
- Task 3: setup SQL data retrieval (6 hours)

Total Time for User Story Two: 19 Hours

Our Release Plan included creating the BMI Activity for Sprint 3, but one of our members finished her task ahead of time and programmed the BMI tab.
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Total: 35 hours estimated

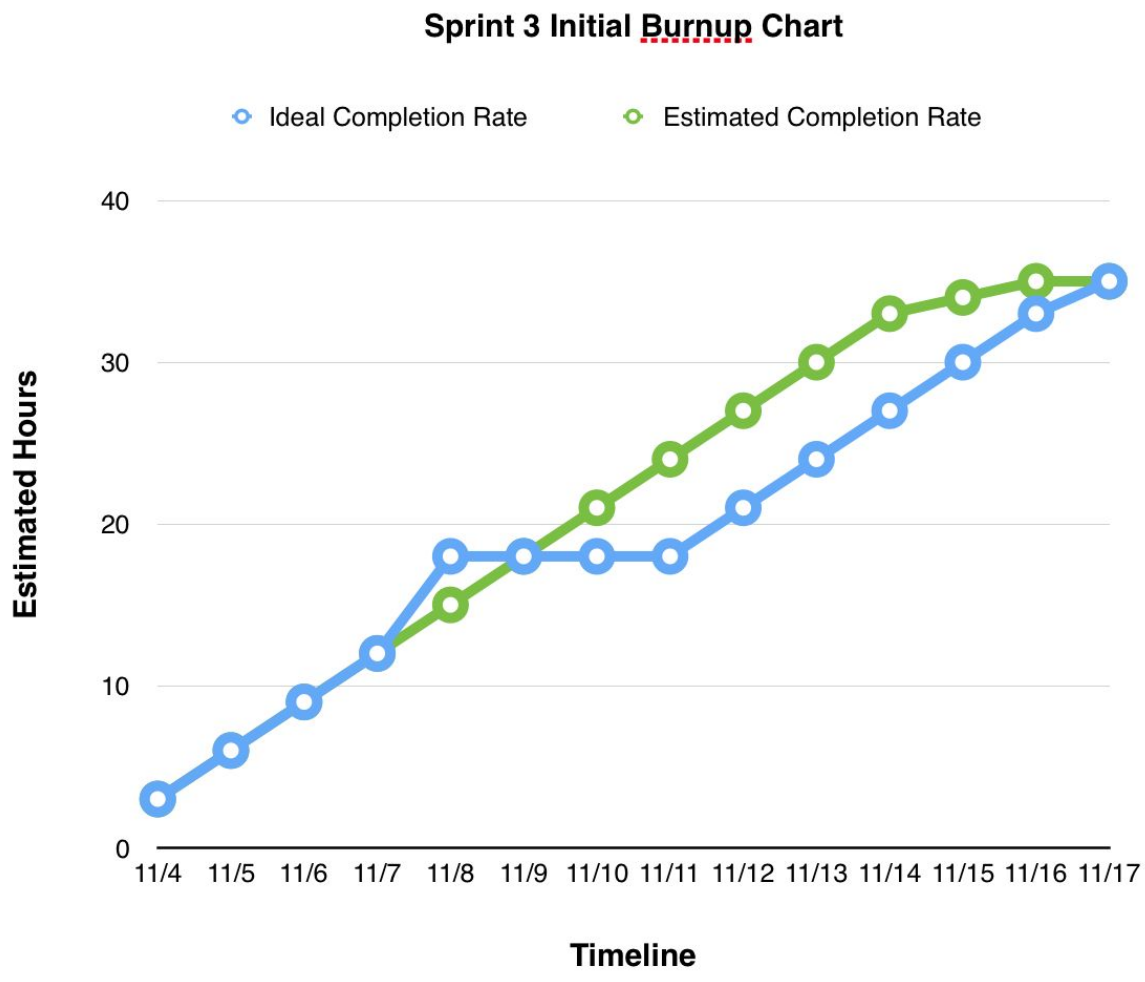
Team Roles:

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

Initial Task Assignment:

- Nooran: Customize blood sugar inputs to correspond with notifications and SQL database
- Nikita: Finish Implementing Notifications (Redirect to Homepage)
- Pranav: Finish Implementing Notifications (Time Library)
- Justin: SQL database retrieval configuration
- Nicole: Retrieve from SQL database, computer blood sugar average, and display in progress in bar chart

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 the notification to transfer me to the homepage of the app so I can view my blood sugar check schedule.	create a clickable notification using the alert create time based notifications be able to redirect notification to clock page		
As a product user, I need to be able to locate the information I inputted to review my fitness and eating habits.	store user inputted blood sugar into SQL database retrieve blood sugar results from SQL database and display in bar chart		

As a product user, I need to be notified when my blood glucose is too high or low.	implement algorithm that forces application to alert user if blood glucose is too low or high		

Scrum Times:
Tuesdays: 4:30pm
Wednesdays: 5:00pm (with TA Omkar)
Saturdays: 11:00am