Sprint 2 Plan

Project: Hydro Hero
Team: Hydro Homies
Completion Date: 11/3/19
Revision Number: 6
Revision Date: 11/3/19

Goal:

Our goal for this sprint is to implement functionality to UI elements in our app. We will also continue learning Android Studio and the various functions it offers for mobile application development.

Tasks:

- (4) As a user, I want the drink logging feature so that I am able to see how much water I drank throughout the day.
  - Create insert function for database (1 hour)
  - Implement "Add drink" functionality to add one 8 ounce drink (1 hour)
- (4) As a user, I want a visual representation of my hydration history so that I can see if I have been staying properly hydrated.
  - Import API for graphical representation of data (1 hour)
  - Read data from database (30 minutes)
- (2) As a user, I want to have hydration reminders so that I can be reminded to stay hydrated. (1 hour)
  - Set up push notifications for reminders
- (2) As a user, I want a tab/navigation bar so that we are able to navigate between different parts of the app
  - Research Android Fragments (20 minutes)
  - Convert homepage to fragment (10 minutes)
  - Convert history page to fragment (10 minutes)
  - Allow proper navigation between fragments (1 hour)
- (2) As a developer, I want to create a basic UI for the settings page so that we have UI elements to work with during later stages. (45 minutes)
- (1) As a developer, I want to test my code so that I can ensure it's functionality.
- (1) As a team member, I want to assist other developers learning the technologies needed to work on this project so that we can streamline the learning process. (2 hours)
- (1) As a scrum master, I want to ensure that the team is fully functional, productive, and well supported so that the team is able to communicate effectively and efficiently and work towards their goals. (1 hour)

Team Roles:

Anthony - Project Owner, Developer
Damon - Developer, Tester
Alan - Scrum Master, Developer, Tester
Katherine - Developer, Tester

Initial Task Assignment:

Anthony - As a user, I want the drink logging feature so that I am able to see how much water I drank throughout the day.
Damon - As a user, I want a visual representation of my hydration history so that I can see if I have been staying properly hydrated.
Alan - As a developer, I want to create a basic UI for the settings page so that we have UI elements to work with during later stages.
Katherine - As a user, I want a tab/navigation bar so that we are able to navigate between different parts of the app

Initial Burnup Chart:

Initial Burnup Chart
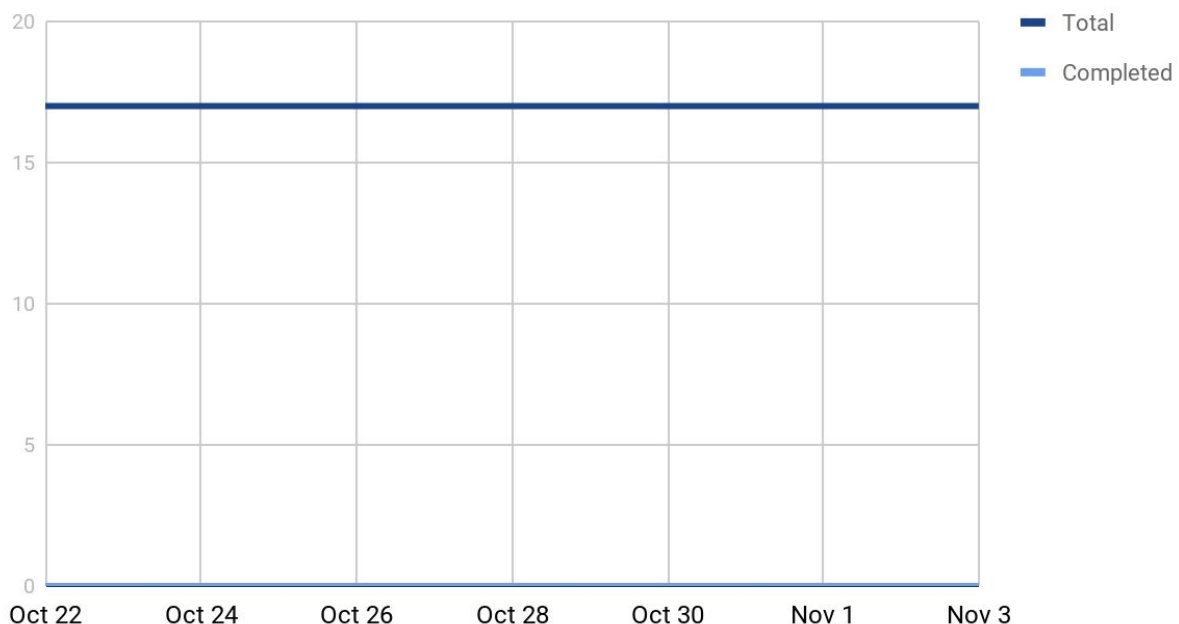
Initial Scrum Board:

On clubhouse.io. Access it from:

https://app.clubhouse.io/hydrohomies/stories/space/21/everything

Scrum Times:

Monday, Wednesday, Friday: 3:30pm - 3:45pm