

Hydro Hero

Team Name: Hydro Homies

Release Name: Hydro Hero

Release Date: 12/1/2019

Revision Number: 4

Revision Date: 10/20/19

High Level Goals

- Learn/Get accustomed to Android Studio
- Continuous integration
- UI Elements/App Navigation
- Drink Logging
- Hydration Reminders
- Hydration History
- Recommended Daily Water Intake
- Settings Page
- Prototype testing

User Stories for Release

- **Sprint 1:**
 - (5) As a developer, I want to learn and get accustomed to Android Studio so that I am able to work effectively and efficiently in this project.
 - (1) As a project owner, I want to make basic mockups for each of the screens so that developers will know what we need on each one.
 - (6) As a developer, I want to set up the app's database so that we are able to save user data in future sprints.
 - (2) As a user, I want a tab/navigation bar so that we are able to navigate between different parts of the app
 - (2) As a developer, I want to create a basic UI for the home page so that we have UI elements to work with during later stages.
 - (2) As a developer, I want to create a basic UI for the history page so that we have UI elements to work with during later stages.
 - (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.

- (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.

- **Sprint 2:**

- (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.
- (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.
- (2) As a user, I want to have hydration reminders so that I can be reminded to stay hydrated.
- (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.
- (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.
- (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.

- **Sprint 3:**

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- (1) As a team member, I want to test the apps prototype so that I can ensure the functionality of the entire application.
- (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.
- (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.

- **Sprint 4:**

- (5) As a user, I want my hydration reminders to be timed so that I can be reminded periodically.
- (5) As a user, I want to be able to input my height and weight so that I can receive water intake reminders specific to my personal lifestyle.

- (5) As a user, I want to be able to filter dates for the graph so that I can view data about specific weeks.
- (5) As a team member, I want to work on the final presentation of our project so that we are able to show what we have worked on over the quarter.
- (1) As a team member, I want to test the apps prototype so that I can ensure the functionality of the entire application.
- (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.
- (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.

Product Backlog

- Achievements
- Homescreen widget for adding drinks
- Customization options
- Advertisements to monetize app
- User accounts (Preserve data over multiple devices)
- Android wear support
- IOS version

Initial Presentation

https://docs.google.com/presentation/d/1IFvOdIO-r7_mpV_RMXmtkgG8S_BjnjXYA_npcsNz8f3Y/edit?usp=sharing