

CSE 115A Sprint 1 Plan

Product Name: HydroTag
Team Names: Andrew Susanto
Yahya Tamur
Evelyn Johnson
Dingjiang Liang
Summit Kaushal
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Sprint: 1

Goal: To develop a working skeletal representation of our web application with our base functionalities of Map interaction, pins, and reviews for an individual user experience.

Tasks:

- User Story 1.1:
 - As a user, I would like to add pins onto the map and review them so I can keep track of my personal experiences with these water fountains for future reference. (Total: 13 Story points)
 - Functioning web application skeleton (8 SP)
 - Pins track user that posted them (1 SP)
 - Interactive markers with reviews (4 SP)
- User Story 1.2:
 - As a user, I would like to view pins on the map and see the reviews of the water fountains so that I can know where the nearest and best water fountains are in my area. (Total: 5 Story points)
 - Visual Google Maps API integration (3 SP)
 - Viewable markers on Map with readable reviews (1 SP)
 - Current user location shown on interface (1 SP)
- User Story 1.3:
 - As a user, I would like to create an account and be able to keep my user data consistent so that I can be sure that I don't lose my list of pins or reviews by the next time I log in again. (Total: 3 Story points)
 - Login and Signup page (1 SP)
 - User authentication and pin history through Firebase integrated (2 SP)
- Other:
 - Figma for UI/UX
 - Trello for Scrumboard

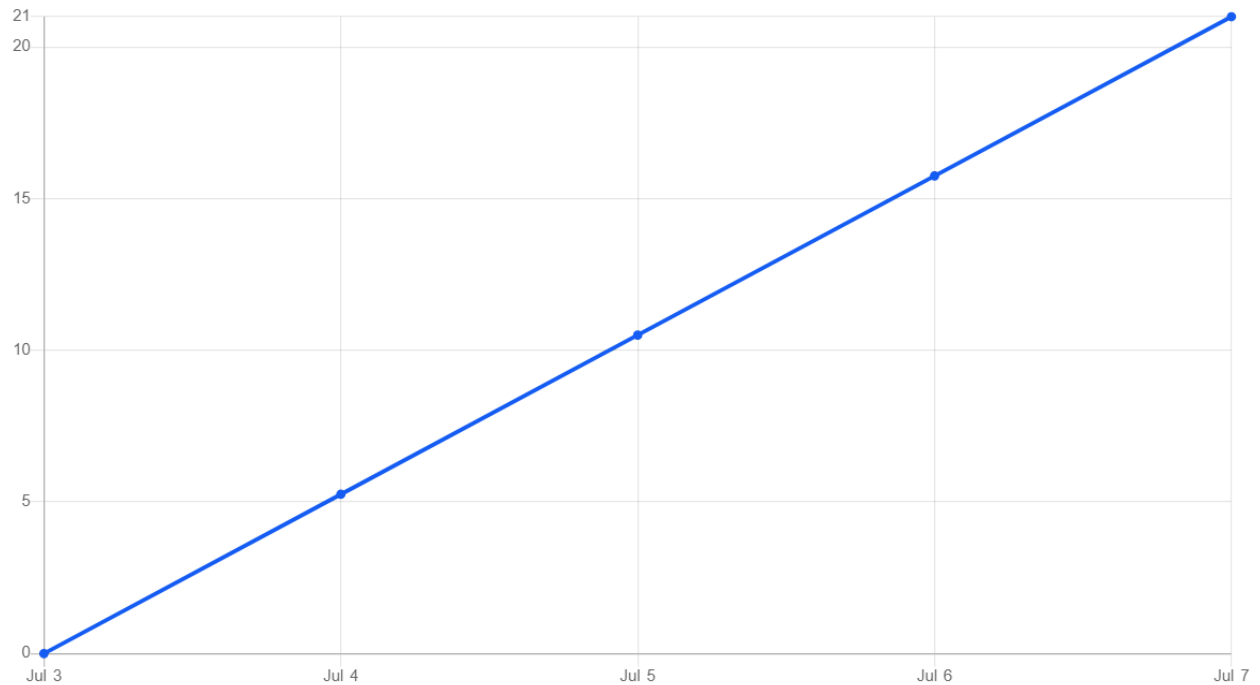
Roles:

- Andrew Susanto: Product Owner, Developer
- Yahya Tamur: Scrum Master, Developer
- Evelyn Johnson: Developer
- Dingjiang Liang: Developer
- Summit Kaushal: Developer

Initial Task Assignment:

- Andrew Susanto
 - User Story 1.2
 - Current user location shown on interface
 - User Story 1.3
 - Firebase integration, user authentication
 - Login / signup page
- Yahya Tamur: Scrum Master, Developer
 - User Story 1.1
 - Functioning web application skeleton
 - React, Next, Node.js template and connection
 - User Story 1.2
 - Visual map integration
- Evelyn Johnson: Developer
 - User Story 1.1
 - Functioning web application skeleton
 - Preliminary web UI
 - User Story 1.3
 - Login / Signup page
- Dingjiang Liang: Developer
 - User Story 1.1
 - Pins track users that post them
 - User Story 1.2
 - Visual map integration'
 - Current user location shown on interface
- Summit Kaushal: Developer
 - User story 1.1
 - Interactive markers with reviews in database
 - User Story 1.2
 - Viewable markers on Map with readable reviews

Initial Burnup Chart:



Initial Scrumboard:

- Trello Scrumboard: [HydroTag | Trello](#)

Scrum Times:

- Tri-weekly scrum held directly after classes Monday and Wednesday at 12:30 PM, and an online stand-up session over Discord on Fridays at 4:15 PM.
- TA Meetings on Tuesdays (3:45 PM - 4:30 PM) and Thursdays (4:30 PM - 5:15 PM)