

SCRUM board on Linear

Bathroom Locator Sprint Plan 1

SCRUM Master: Harshita

Sprint Dates: Oct 7th - Oct 21st

Release 1.0

Revision Date: 10/21/25

Scrum meeting times:

Mondays: 1:30 pm to 2:30 pm (biweekly longer sprint planning + previous sprint retrospective meeting. Alternating weeks are just the 15 min/30 min meeting with the TA)

Wednesday: 9:00 pm - 9:15 pm

Saturday: 11:00 am - 11:15 am

Sprint goals:

Our goal for the first sprint is to set up our basic infrastructure, create an initial mock up of the application to ensure everyone is on the same page, and begin initial development of our project.

Breakdown of User Story Tasks & Task Assignments

Infrastructure Tasks:

- Setting up the database (storage tier) for the project (Kavya)
 - Figure out database schema
- Creating a basic mock up of the application (Raeed)
- Protect the master branch in Github from pushes to master (Harshita)
- Require reviews for all PRs in Github by at least 2 people to ensure code quality (Harshita)
- Set up the [Node.js](#) server to connect to the database and the frontend (Emily)
- Set up the Github CI/CD pipeline to require PRs to pass all tests (Harshita)

Story 1: As a user who travels a lot, I want to be able to find public bathrooms easily on a map (5 story points)

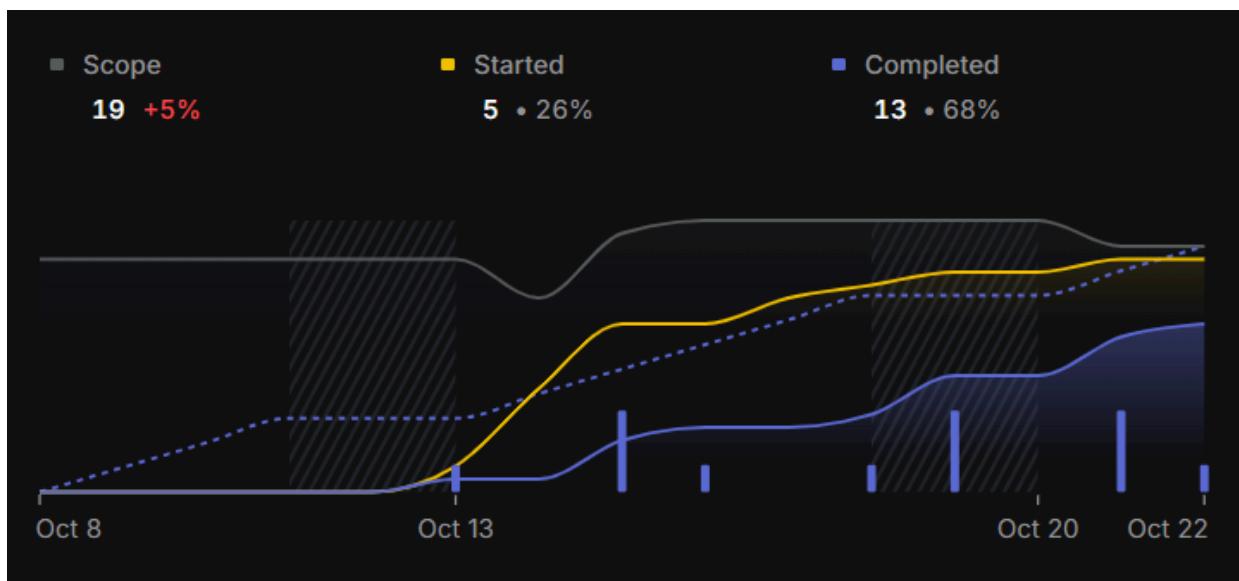
- Do research on Google Maps API, figure out how to display a map and put pins on it (Austin)
- Center the map based on the user's location (Austin)

- Be able to see pins for various bathroom locations (within a certain range)
- Be able to see the pins for the bathrooms without needing an account (Kavya)
- Set up the database with some starter bathroom pins to use (Emily)
- Implement GET request for bathroom info (Emily)
- Update the map with new bathroom pins if the user moves the map (Harshita -> Austin)

Story 2: As someone unfamiliar with the area, it would be helpful to be given walking directions to the bathroom that I've selected, so that I can find the bathroom quickly (2 story points)

- Do research on Google Maps API, figure out how to get walking instructions (Cheryl)
- Have a navigate button that pops up when a bathroom pin is selected (Cheryl)
- Clicking on the navigate button redirects the user to Google Maps with the walking navigation instructions (Raeed -> Cheryl)

Initial Burnup Chart (the purple dotted line)



Team Roles:

Harshita: Product Owner, Scrum Master, Developer

Cheryl: Developer

Emily: Developer

Kavya: Developer

Austin: Developer

Raeed: Developer