Sprint #1 Plan 2

EasyRoute

Revision #2

April 12, 2024

Goal: Setup basic web app platform and implement 3D Interactive Map UI

Task List:

User story 1: As a user, I want to be able to go to a link and see a page.

- Task 1: Setup basic HTML-CSS + React website and push (30 min)
- Task 2: Test that website is visible. (5 min)

Total for user story 1: 35 min

User story 2: as a user I would like to view a map of ucsc 3d

- Task 1: Research OpenStreetMap API (2 or more people) (1 hr)
  - Check that it contains data on walkable paths, stairs, hills, elevators(?) for on-campus
- Task 2: Add OpenStreetMap (OSM) map of UCSC
- Task 3: Use Mapbox library to make map 3D
- Task 5: Add map to code and push

Total for user story 2: 4-5 hrs

User story 3: As a user, I want to be able to click and interact with the map. (Mapbox)

- Task 1: Make sure map can move around from website. (30 min)
- Task 2: Make sure you can zoom in and zoom out from the map (30 min)
- Task 3: Make sure you can click on buildings (30 min)
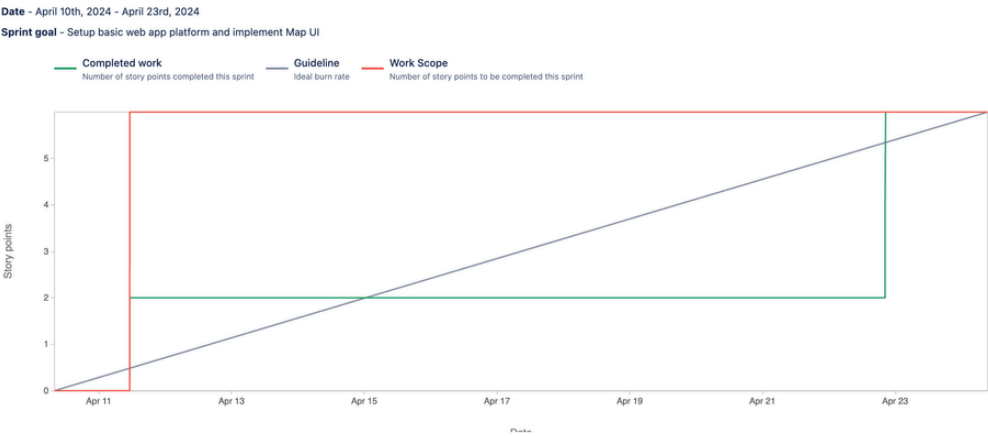
Total for user story 3: 1-2 hrs

Team Roles:

- Megan: Product owner, developer
- Adora: Scrum master, developer
- Brandon: Developer
- Hazel: Developer

Initial Task Assignment:

- Megan: User story 1, Task 2 + User story 2, Task 1
- Adora: User story 1, Task 2 + User story 2, Task 1
- Brandon: User story 1, Task 1
- Hazel: User story 1, Task 2 + User story 2, Task 1, create logo (due sometime next week)

Burn-up chart:

Date - April 10th, 2024 - April 23rd, 2024

Sprint goal - Setup basic web app platform and implement Map UI

Completed work	Guideline	Work Scope
Number of story points completed this sprint	Ideal burn rate	Number of story points to be completed this sprint

Scrum Times: (let's try to meet in-person)

https://www.when2meet.com/?24557404-KKXIX