

# Sprint #2 Plan 1

EasyRoute

Revision #1

April 24, 2024

**Goal:** Add more customization to map, Users can use Map UI to find a path between two locations

## Task List:

**User story 1:** [priority] As a user, I want to get a route between two locations. [7]

- Task 1: Research ArcGIS route plug-in. (2 hrs)
- Task 2: Research other route API we can use with ArcGIS. (2 hrs)
- Task 3: Add routing tool to map. (2 hrs)

Total for user story 1: 6 hrs

**User story 2:** As a user, I want to be able to start a route. [2]

- Task 1: add search bar field for users to enter current location/destination. (3 hrs)
- Task 2: allow users to click on buildings to choose location/destination. (3 hrs)
- Task 3: highlight current locations and destinations with a marker. (1 hr)
- Task 4: ensure routes are highlighted. (1 hr)

Total for user story 2: 8 hrs

**User story 3:** As a user, I want to be able to end a route. [2]

- Task 1: when users reach destination, have a button to end the route. (2 hrs)

Total for user story 3: 2hrs

**User story 4:** As a user, I want to understand the different symbols on the map. [2]

- Task 1: Add a legend to the map, which can be done from ArcGIS. (1 hr)

Total for user story 4: 1 hr

## **Team Roles:**

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

## **Initial Task Assignment:**

- Megan: user story 1, task 1
- Adora: user story 4, task 1; user story 1, task 2
- Brandon: user story 1, task 2, task 3
- Hazel: user story 1, task 2; finish logo

Date - April 24th, 2024 - May 8th, 2024

Sprint goal - Users can use Map UI to find a path between two locations

