Sprint Meeting Results for Sprint 2

What is your Sprint Goal?

Our overall Sprint Goal is to properly take in user input for location, radius, and place types of interest so that we can develop an optimized route for the user to cover all specified place types within the constraints provided. For this Sprint (in which we're striving to create an MVP), the order in which the user covers the place types will be randomly generated, and we will assume the user intends to visit all the place types they specify on their trip.

Who is the Scrum Master for this Sprint? Annabelle Martin

What tasks will you complete during this Sprint?

| Task | Owner | Estimated Time to Complete |
|---|---|---|
| Finish translation of String location input into latitude & longitude coordinates | Rithani | 50 minutes (1 class period) |
| Integrate location input with plotting markers on the map | Anjali, Siddhant, Rithani | 50 minutes (1 class period) |
| Get Nearby Search working for a hard-coded location, radius, and place type | Anusha | 100 minutes (2 class periods) |
| Create input field to take in (1) radius of travel (split input box via Bootstrap), and (2) place preferences via a multi-select checkbox user interface | Annabelle, Rithani | 150 minutes (3 class periods) |
| Creating a filtering algorithm to take the nearby search output and select the top x entries. This will be based off distance to previous point on route and rating | Siddhant, Anjali | 150 minutes (3 class periods) |
| Create a topological order (LinkedList-based?) for the points to visit by integrating nearby search, filtration, and user input functions, as well as analyzing distances between candidate stop points | Anjali, Rithani, Siddhant, Anusha, Annabelle<br><br>*(This is perhaps one of the most difficult components of our project, so we thought it would be best to pool all of our brains and resources!* 😀) | 250 minutes (5 class periods). |