

Sprint Meeting Results for Sprint 1

What is your Sprint Goal?

Our overall Sprint Goal is to have a solid understanding about the direction of our project in terms of how we will program our web application (on the front-end and back-end) and how we will implement Google Maps' API. By the end of this first sprint, we hope to create a very basic version of our application as a preliminary MVP.

Our measurable Sprint Goals are as follows:

- 1) Finalize on a development platform for programming our web-app (both on the front-end and back-end)
- 2) Create a basic webpage with an aesthetic UI using our selected development platform (as a steppingstone to our final web app experience)
- 3) Determine an ideal, feasible, and ordered list of places for the user to visit after inputting basic preferences.
- 4) Plot the user's route and location visit points onto an embedded map using our selected development platform and implementing Google Maps' API.

Who is the Scrum Master for this Sprint?

Rithani

What tasks will you complete during this Sprint? Always a good question to ask ~~100~~ ~~100~~

Task	Owner	Estimated Time to Complete
Set up authentication key for Google Maps API. API Portal: Monitoring <\$300.	Anna	30 mins; will be completed on Workday #1
Learn about, experiment with, and research platforms to develop web app (look into PowerApps and determine whether it's feasible for both front-end & back-end requirements; if not, explore HTML/CSS/JS and a database like CosmosDB)	Anjali & Anna	100 mins (2 class periods) on Workday #2 and #2
Use decided front-end platform to program a basic webpage with functional button clicks and a navigation bar Stylistic design/UI should be factored in	Anna	300 minutes (6 class periods) from Workday #2 to #7
Use decided front-end platform	Anjali	300 minutes (6 class periods)

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to program a basic preferences page which takes in user input (Stylistic design is NOT a factor here – this is more of a functionality test)		from Workday #2 to #7 inclusive.
Implicit First Level Filtering: Take in user-inputted preferences (location, radius, mode of transportation, and list of place categories of interest) and return a list of shortlisted places that satisfy the user's criteria (could be multiple locations for each category type) Handling JSON/XML(??) returns (GET, POST, FETCH) and basic filtering	Siddhant	100-150 mins (2-3 class periods) Monday, March 6 th to Before Thursday, March 9 th .
Explicit Second Level Filtering: Take list of shortlisted places from first-level filtering and create final list of locations for the user to visit (≤ 1 of each category type which the user specified)	Rithani and Anusha	150 mins (3 class periods) Tuesday Feb 28 th to Thursday Mar 2 nd .
Ordering of Finalized List of Locations – arrange the locations in an ideal, convenient, and feasible order to eventually return as an itinerary	Rithani and Anusha	200 mins (4 class periods) Friday March 3 rd to Wednesday March 8 th .
Embedding a Routes Map into our decided web app platform using Google Maps' API by taking in the final shortlist of locations. Display Locations and Draw Routes via Map Plotting.	Siddhant	200 mins (4 class periods) - Tuesday Feb 28 th to Friday Mar 1 st .