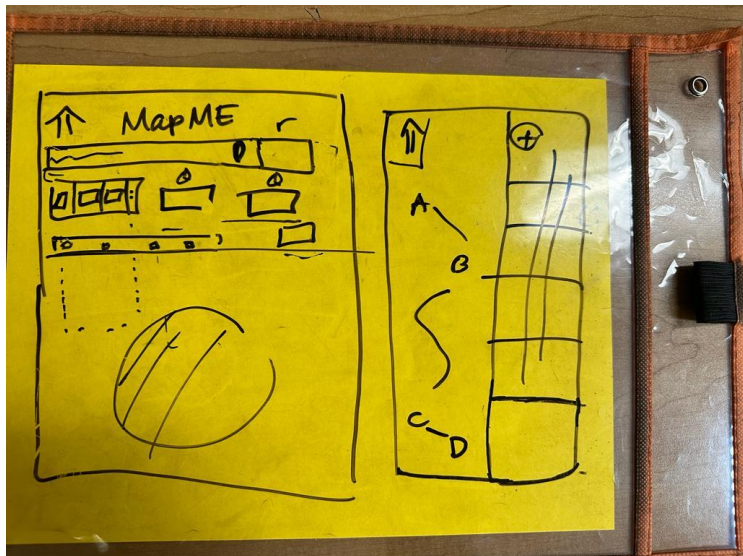Sprint Meeting Results for Sprint 4

What is your Sprint Goal?
Our Sprint goal is to get a rough draft of our final product ready, with a well-designed UI and all critical functionality pieces finished. We plan to develop algorithms to allocate timing to each waypoint, a major feature that will complete most of the missing functionality elements in the current version of our itinerary planner. We've also storyboarded a layout for our final UI plan (as shown below) which includes transitioning between a title/inputs page and then the search results page. So far, we've been working on the search results page, but our goal by the end of this sprint is to have both pages ready and inter-connected. We also want to create a feature so that the user can add custom waypoints of their choice, and if they choose to do so, the route drawn (and timetable) should update.



Completing these tasks will be incredibly valuable because this is essentially checking off each of the components we had in our initial vision for the product. If we're able to achieve these goals (it will require highly effective time management and work ethic from every team member), we'll be able to use our final sprint to polish our web application and add in any additional features that come to mind.

Who is the Scrum Master for this Sprint? **Anusha Sharma**

What tasks will you complete during this Sprint?

| Task | Owner | Estimated Time to Complete |
|---|---|---|
| Keep track of commute time (adaptable to different modes of transport) | Siddhant, Anjali | 50 min |
| Develop an algorithm to determine the amount of time to spend at each waypoint | Siddhant, Anjali | 200 min |
| Develop an algorithm to determine which place results to omit if the time range the user | Siddhant, Anjali | 200 min |

| | | |
|---|---|---|
| inputs is too small | | |
| Create new html page for MapMe Input page and transfer existing input code + add additional input options with graphics | Rithani, Anusha | 150 min |
| Learn how to implement a dynamic radius visualization feature with Google Maps | Rithani, Anusha | 100 min |
| Create a submit button that takes the user to the existing html page with search results | Rithani, Anusha | 50 min |
| Implement a live location option such that user does not need to explicitly type location. Benefit: This enables efficient use of MapMe on-the-go. | Anna | 100 min |
| Access and return order in which waypoints are in within the optimized route | Rithani | 50 min |
| Display correct order of waypoints on webpage (fix table algorithm) | Anjali | 100 min |
| Back-end functionality for adding waypoint button | Anusha | 150 min |
| Revisit Route Optimization via mentor's advised method to ensure start and end locations are most optimized. | Siddhant, Rithani | 100 min |