

Sprint Meeting Results for Sprint 4

What is your Sprint Goal?

Implement the previously designed UI and write node JS code that calculates distances in the backend and outputs them to each local device. This adds value allowing for user location data to be private with calculations being done on the backend and makes the frontend intuitive and usage. By the end of this sprint, our application should be in a mostly functional state.

Who is the Scrum Master for this Sprint?

Hitesh Mantha

What tasks will you complete during this Sprint?

Task	Owner	Estimated Time to Complete
Learn and implement flutter app structure with buttons, backgrounds, widgets, etc.	Rao	100 min
Connect buttons and widgets to the functionality of the application	Rao	100 min
Create a JSON template for location data to be parsed and indexed on the backend.	Hitesh	50 min
Use indexed locations to calculate distances in the backend.	Ayush	50 min
Figure out method for storing calculated distances so it can be easily accessed on the front end.	Hitesh	50 min
Interpret and parse data from server.	Evan	75 min
Use server data to scale volume.	Evan	50 min
Design UI elements using a vector illustration tool accounting for low visibility and avoiding distracting styles during driving.	Ayush	50 min