

METCS673 Group 6 - Project Status Report 2

TerrierMap

Team Members:

- Ryan Christopher
- Misael Gared
- Jasmine Hughes
- Siddhraj Parmar

TerrierMap GitHub Repo: <https://github.com/ryan-christopher/CS673-TerrierMap>

Meeting Decisions:

- We will use the React Leaflet and Leaflet Routing Machine APIs for the interactive map and directions.
- We need to figure out how to customize the Leaflet Routing Machine to change the driving directions into walking directions.
- We are considering whether SQLite might be more suitable for our backend rather than Firebase.

Completed Tasks:

- Frontend files generated
- CSS framework chosen
- API's chosen
- Initial wireframe created
- SRS written
- Database with populated data

Assigned Tasks:

- Review and prioritize our user stories | Jasmine Hughes
- Connect the backend to the frontend | Siddhraj Parmar
- Program the backend to call data for inputted building code | Misael Gared
- Customize Leaflet Routing Machine for walking directions | Ryan Christopher

Individual Contributions:

Ryan Christopher: This week I created the initial color palette, typography list, and wireframe for the app's main page. Once that was done I generated the frontend files by creating a [Next.js](#) React project with [TailwindCSS](#) for the CSS framework. I then researched the possible APIs for our team to use and suggested we utilize [React Leaflet](#) and [Leaflet Routing Machine](#) paired with our info populated in Firebase to make an interactive map with routes that the user can see.

Misael Gared:

Jasmine Hughes: This week I added the tasks to GitHub Issues. I created some new labels of Difficulty 1 to Difficulty 5, so we know how difficult a task should be to estimate the appropriate time towards the schedule variance. I wrote up the SRS document utilizing some of the wireframes that Ryan created this week. I also worked on the backend aspect of our project. I created a Firebase instance utilizing the free Realtime Database option. I populated the database with a .json file I produced with all the building codes, names, and addresses.

Siddhraj Parmar: