

CMSI 4071 Project Status Sheet Spring 2025

Accomplishments since last report:

- Completed ABCDR Presentation and the finalized Requirements Specification Document and uploaded both to my GitHub repository
- Mostly finalized design for each of my pages
- Began implementing both of the APIs that I am using for my project
 - Google Maps API – to show the map of the deliveries route
 - Twilio API – to send SMS text updates, notifications, and reminders to users
- Updated the food tracker page to have an option to add more food items and have a save button that stores the information inputted with Firebase

Scheduled tasks to be done by next report:

- Ensuring that Firebase works with my log in and sign up pages and storing all inputted user information
- Fix issues to display the map with the route from the Google Maps API
- Test the Twilio API with different phone numbers instead of with just mine
- Minor updates to the various pages to enhance the aesthetic of my web application

Noteworthy risks, concerns, or problems:

- One main issue that I am currently facing is using the Google Maps API to get the map to appear on my Schedule / Map page and display the route from LMU to St. Joseph's Center. To solve this problem, I am watching videos and conducting research on how to use the Google Maps API. If I continue facing issues, I will reach out to my peer that worked on the Google Maps API for our project from last semester for additional help.
- Another concern that I have right now is effectively using the Twilio API. I have been using the free trial and only testing out sending the SMS texts to myself, but I want to begin testing this with other phone numbers. If this leads to any issues, I will look through the Twilio Docs and investigate how to resolve these problems.