

CMSI 4072 Project Status Sheet Spring 2025

Accomplishments since last report:

- Uploaded final poster to my GitHub repository and presented it during the Engineering Design Showcase
- Continued working on integrating the Twilio API in the Schedule / Route page and in the Get Involved page so that users are able to get SMS text confirmations and reminders
- Worked on some UI updates for my login and sign up pages to work with the Firebase database
- Accurately incorporated Firestore to store the user's inputted information from the Food Tracker page

Scheduled tasks to be done by next report:

- If I am able to, I would love to continue working on this project. Here are some of the things that I hope to continue to achieve:
 - Ensure that the Twilio API works correctly and sends users SMS text updates and notifications
 - Continue to make any UI updates to enhance the website's visual appeal
 - Add more features / pages for staff members to be able to see which volunteers are picking up on certain dates, get contact information for volunteers, etc.
 - Maybe include more statistics about food insecurity to educate users

Noteworthy risks, concerns, or problems:

- I was struggling a little bit with accurately implementing the Twilio API for my Get Involved and the Schedule / Route pages. I had never used this API before and started with using the free trial so these might have caused some of the trouble I encountered when incorporating this into my project. Sometimes, an error will still show up, but it should be sending the users an SMS text notification to their phone numbers that they input.