

# Deliverable 2 - Safe Haven

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## **Task and User Stories assigned to each member**

### **Alvin**

- GG-3 - As a user, I want to see details about washrooms such as when they're open, so that I know if it is available for use

### **Erin**

- GG-1 -As a user, I'd like to find washrooms that are open to me on a map so that I know the location of available washrooms near me

### **Isaiah**

- GG-4 - As a user, I want to be able to easily fill out a form to add new washrooms to the app, so that other users can become aware of washrooms they could use
- GG-6 - As a user, I should be able to show businesses my access card in EN/FR so that they see I am in need of a washroom and they let me use it

### **Jenna**

- GG-2 - As a user, I should be able to see a list of the closest washrooms to me so that I can choose one to go to

### **Johnny**

- GG-5 - As a user of the app, I'd like to be able to donate using my phone to help support the cause of Crohn's And Colitis so that I can help fund this app

### **Miko**

- GG-7 -As an admin, I want to securely login to an admin website to perform actions that are restricted to admins

### **Yong Le**

- GG-8 - As an admin, I want to see a list of user-submitted washroom requests on the admin website so I can assess the integrity of their information
- GG-9 - As an admin, I want to validate individual submitted washrooms on the admin website so that they can be added to the database

## **A summary of each standup meeting:**

### **Monday, Feb 26**

Yong Le

- Did: Implemented admin validating user washroom requests
- Problem: Browser routes
- Todo: Implement user story GG8

Alvin

- Did: Implemented taskbar and investigating on swiping gestures
- Problem: Figuring how to swipe on mobile
- Todo: Finishing user story

Isaiah

- Did: Backend and frontend for users submitting new washroom requests
- Did: Access card to show businesses (looks 99% like current app)
- Problem: Expo not working properly
- Todo: Improve and change UI for frontend

Miko

- Did: Login and Auth system
- Problem: Code formatting and style
- Todo: Match code style with rest of group

Jenna

- Did: Research about database setup
- Problem:
- Todo: Finishing user story

Johnny

- Did: Donation feature (part of frontend)
- Did: Backend of donation (untested)
- Problem: Cannot connect to backend because of localhost issue
- Todo: Finishing user story

Erin

- Did: Research and implement maps
- Problem: Expo not working properly
- Todo: Finishing user story

### **Tuesday, Feb 27**

Yong Le

- Did: Completed GG8(front and backend) and added navbar to website
- Todo: Integrating with rest of user stories

Alvin Cao

- Did: Added Task-bar navigation and Map placeholder screen, in addition to starting the swipe up panel component for washroom information.
- Problem: UI of the swipe up panel

Erin

- Did: Utilizing map leaflet
- Todo: Add markers for individual locations

## **Wednesday, Feb 28**

Johnny

- Tested and debugged both front and backend for donations. It should be working now (tested with Stripe's testing cards in testing mode)
- Todo: move the donation screen into another screen that's not the main screen

Jenna

- Did: retrieval of washroom information in backend
- Todo: functions for finding closest washrooms

Erin

- Finished implementing map with markers
- Todo: add in the "You are here" information and location

Isaiah

- Did: Made en/fr translations the exact same as in the application. Small UI changes.
- Todo: Nothing, finished all work assigned for this sprint.

## **Thursday, Feb 29**

Erin

- Did: More research on utilizing geocodes in maps and adding in information in each marker
- To Do: Add in info into markers

## **Friday, Mar 1**

## **Saturday, Mar 2**

Yong Le

- Did: Sending authorization token in requests to backend
- Did: Integrated with GG7
- Todo: Users are still allowed to access admin routes on website when not authorized

Alvin Cao

- Did: got the bottom sheet to work, working on the design of the washroom information.
- Problem: Navigating between bottom sheets.

Jenna Jiang

- Did: finished setting up washroom collections (backend) and implemented query router and controller with functions to find a list of washrooms
- Problem: connecting the functions with other components

## **Sunday, Mar 3**

Alvin Cao

- Todo: integrate the backend with the frontend

Erin

- Added in "You are here" icon
- Todo: add in the backend

Miko

- Did: Reformatted login code + added error message to login/signup + email validation
- Todo:
- Problem: N/A

Yong Le

- Did: Protected admin routes by verifying token

# Sprint Retrospective:

## What went well:

- Feature Implementation: Several key features were successfully implemented, including admin validation, taskbar navigation, map integration, and authentication system.
- Backend Progress: Progress was made on backend tasks such as retrieving washroom information, setting up collections, and implementing query routers.
- Testing: Testing and debugging were conducted for donation features, ensuring functionality with Stripe's testing cards.
- Research: Efforts were dedicated to researching map functionalities, geocodes, and UI components.

## Areas for Improvement:

- Technical Challenges: Several team members encountered technical challenges, such as Expo not working properly and localhost connection issues.
- UI/UX: Issues were identified with UI components, including the design of the swipe-up panel and navigation between bottom sheets.
- Code Formatting and Style: Maintaining consistent code formatting and style across the team remains a concern, as highlighted by Miko's task.
- Integration: Integration between frontend and backend components needs improvement, as seen in the tasks related to authorization token handling and connecting backend functions with other components.

## Action Items:

- Address Technical Challenges: Allocate time to resolve technical issues with Expo and localhost connections to ensure smooth development.
- UI/UX Refinement: Collaborate on refining UI components, particularly the design and navigation of swipe-up panels and bottom sheets.
- Code Consistency: Establish and enforce coding standards to maintain consistent code formatting and style across the team.
- Enhanced Integration: Prioritize integrating backend functionalities with frontend components to improve overall system functionality and user experience.