Deliverable 3 - Safe Haven

Team Members:
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Erin Lam,
Isaiah Huska,
Jenna Jiang,
Junyuan Deng,
Miko Reyes,
Yong Le He

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Task and User Stories assigned to each member

Alvin
- GG-28 - As a user, I want a way to see these sponsorship tiers so that I am more aware of companies funding Crohn's and Colitis.

Erin
- GG-17 - As a user, when I zoom in I am able to see the precise location of the washrooms and when I zoom out, I see the number of washrooms in the area rather than the location.

Isaiah
- GG-27 - As an admin, I want to assign businesses different tier levels for ad visibility using a Content Management System. (bronze, silver, gold)
- GG-29 - As an admin, I want to use a Content Management System to easily manage and update the news and articles feed within the app so that users can stay informed.
- GG-16 - As a user, I should be able to access the info tab and be given some information about the Go Here program.

Jenna
- GG-22 - As an admin, I want to see a list of user reports on the admin website so I can assess the integrity of their information.
- GG-23 - As an admin, I want to verify user reports on the admin view so that the changes can be propagated to the database.

Johnny
- GG-10 - As a user, I want to easily report any maintenance issues or concerns about a specific washroom through the app.
- GG-24 - As a user, I want to be able to get sent to my app store to provide feedback on the app.

Miko
- GG-26 - As an admin, I want to be able to see a list of washrooms that businesses submit, so that I can validate them so users know the washroom actually exists.

Yong Le
- GG-30 - As a user, I want to be able to see news and updates, so that I can stay informed about updates, news and articles.

A summary of each standup meeting:

Wednesday, Mar 6

Johnny
- Started implementing the feature of allowing users to report issues
- Problem: unsure of backend structure yet

Yong Le
- Downloaded Prismic.io dependencies and setup in mobile app
- Problem: Structure of news not figured out yet

Alvin
- Did: Completed the static parts (ie. the sliding up and down panel) of the Bottom Sheet integrated with the map in the background
- Did: Merged 'dev' branch to integrate the backend with the frontend.
- Problem: need to add the backend (server.js) with the frontend the Bottomsheet list.

Jenna
- Did: Backend functions of user report, both viewing and verifying.
- Problem: Running the web page, it is a blank page and needed to modify the url to go to the sign in page.

Thursday, Mar 7

Alvin
- Did: Integrated the backend endpoints with the frontend, to show the washroom list and a particular washrooms' information.
- Did: Divided the BottomSheets into different components, bottomsheet navigator, washroom information and washroom Search.
- Problem: Testing the frontend, as the expo did not show console.log messages. And testing the backend and frontend with expo, solved both problems with running an emulator on the same device.
- ToDo: Showing the times of the washroom in washroom information
- ToDo: Have to complete the actions and onClick properties of some of the buttons in Washroom information

Johnny
- Finished front and backend of user washroom issue report

Erin
- Finished location connecting with API, now gets current location

Friday, Mar 8

Alvin
- Did: Showing the times of operation of each washroom in washroom information

Johnny
- Integrated issue report in with washroom information

Miko
- Did: changed route of the web page and signup to redirect to /validate/washrooms

Erin
- Did: redefined map view to get directions buttons to appear
- Problem: worked on connecting the navigation portions however still errors when pressing marker

Saturday, Mar 9
Isaiah
- Did: Made custom data types in Prismic for businesses and news and articles
- Did: Added businesses that were already in the app to Prismic
- Did: Added 2 articles found on the Crohn's and Colitis Canada website for testing purposes and to populate the database
- Todo: Info screen in the app

Jenna
- Did: made verify/reports page to be parallel to the existing washroom requests page
- Todo: backend (wait for Johnny to finish database)

Sunday, Mar 10
Isaiah
- Did: Started work on info screen
- Todo: Finish info screen, test it
Yong Le
- Did: Work on grabbing information from prismic and displaying on app.
- Problem: Rich text is not rendering properly

Monday, Mar 11
Isaiah
- Did: Continued working on info screen, completed the design
- Todo: Link donation screen to info screen, test
- Problem: Given current app structure, can't navigate to donation screen from info screen
Erin
- Did: Continued debugging navigation and working on supercluster components of map
- Todo: Finish supercluster and navigation
- Problem: navigation on marker press
Jenna
- Did: finished the frontend
- Problem: shows a blank page…? connection issue

Tuesday, Mar 12
Alvin
- Did: added a report button at the bottom of the washroom information
- Todo: have to complete the styling of the report button

Jenna
- Did: link the frontend pages to the main page layout & modified layout
- Todo: connect backend

Wednesday, Mar 13 - in-person meeting

Alvin
- Did: pull request of updated code of GG-3-washroom info branch to 'dev'
- DId: merged info-tab into sponsor tiers
- Problem:

Erin
- Problem: Getting issues with getting the current location with the map merge part with Washroom Bottom Sheets part.

Jenna
- Did: Finish seeing the list and verifying from the frontend and integrating the backend with the frontend.
- Todo: Testing with frontend and backend interaction with the two parts

Johnny
- Problem: Issues with report screen in regards to the passing the id of the selected washroom
- Todo: testing the report screen

Yong
- Did: Frontend with Prismic,
- Problem: no package with react native and have to find third party packages, in addition formatting of content from Prismic.

Isaiah
- Did: Added images found in the original app into prismic
- Did: Linked donation screen to info screen, finished the info screen, made small ui changes to the card screen
- Todo: Nothing left to do for this sprint
- Problems: Not being able to push to git, fixed it after re-cloning the repository

Miko
- Did: Finished business requisition user story, added a few API calls, implemented them into the frontend, added things for UX/UI, added a "reject" button to Business
- Problems: deciding whether to refactor prior code or to just add on similar code
- Todo: Nothing left for this sprint, but will implement the "reject" button to other washroom "types" later on.

Friday, Mar 15
Erin
- Did: Super Clusters of map portions and location now is working again
- Problem: need to test with greater number of washroom locations to check if feature is accurate + navigation

Sprint Retrospective:

What went well:
- I think our communication as a team was very good
- The general outline of the app has been completed, just need to refine and populate each section such as the map tab, info tab, news tab and settings.
- Building upon each others code

Areas for Improvement:
- Screen Navigation: by nature of the application, there are many moving parts, this includes a lot of different screens to transition from one to another. And to improve upon how each navigation works for these screens, in addition to passing parameters from one to another.
- Consistency and UX for the admin web app, still largely undefined, so we need to address this part

Action Items:
- We should probably have more official meetings as a team
- Testing: Need to implement testing on the backend of the application, to ensure proper functionality of the backend logic.