

Stand-up Summary: Sprint 2

AH = Ashvini
CN = Christopher
FB = Frans
JH = Jamie
ML = Martin
SB = Shannon
SA = Sumaiya

March 4:

- **Progress Update:**
 - AH: fixed button placement and real-time local storage issue with Sumaiya for the card screen
 - CN: Read documentation on various Google APIs to determine which APIs are suitable
 - FB: Create BO sign-in and login prototype in Figma
 - JH: Familiarized myself with databases and how to interact with them
 - ML: Started working on Location Permission ticket
 - SB: Research on storing images in database
 - SA: No progress, had other course work
- **Meeting Points:** Tasks were all fully distributed to each group member

March 5:

- **Progress Update:**
 - AH: other course work: study for my midterm tomorrow
 - CN: Prepared database entries for demo and configured .env to use device local IP in mobile hotspot network as school wifi does not support expo go, implemented Business signup signin endpoints with JWT
 - FB: Trying to solve NavBar issue, unsuccessful. Design pins for tiered sponsors
 - JH: Started designing the Business Sign In and Sign Up pages
 - ML: Finished location permission ticket
 - SB: Familiarized with MapView and corresponding functions
 - SA: No progress, had other course work
- **Meeting Points:** Sprint 1 Demo on the following day, make sure to attend. When performing Business owner endpoint calls, JWT needs to be included in the bearer authentication so the backend can identify who is performing this call.

March 6:

- **Progress Update:**
 - AH: other coursework: midterm

- CN: No development progress had to finish assignment for another course, researched further about various Google API and the components for React Native
- FB: No progress, doing other course assignments.
- JH: Worked on getting user input and finished pages
- ML: Started and finished privacy policy ticket
- SB: Added fix for keyboard pushing navbar up
- SA: No progress, had other coursework
- **Meeting Points:** Issue: when testing in a different device, server url must reflect the device's IP address, however, due to caching, the URL change is sometimes not detected. Temporary solution: Whenever server URL is used and change is not reflected ,console.log the URL to retrigger theoretical check for change in .env file.

March 7:

- **Progress Update:**
 - AH: started on front end design for the banner displaying the platinum sponsors
 - CN: investigated why .env URL changes take time to reflect in actual API calls in the components that import it. Started implementation of dynamic washrooms marker per sponsorship tier
 - FB: No progress, doing other course assignments.
 - JH: Implemented email and password validation
 - ML: Started working on adding functionality to focus marker on map when clicking in the bottom scrollview
 - SB: Made figma for the submit public washroom forms
 - SA: Created News Table in the database and researched on storing images in the db
- **Meeting Points:** When bundling with expo, it has trouble detecting changes in non js files, potential better solution: Change .env file to an env.js file. Decided to have a password requirement of length at least 8, at least 1 number and at least 1 special symbol from a given collection. Use generic email regex for email input check before sending POST request

March 8:

- **Progress Update:**
 - AH: continued front end design for the banner displaying the platinum sponsors
 - CN: Changed .env to be a js file so URL changes can be detected, completed implementation dynamic display of washroom markers depending on tier of business owner which involved updating existing API endpoint and extending specific frontend components
 - FB: Learn how to use the Stripe API
 - JH: Worked on integrating request to backend when logging in and sign up new accounts, added further response types and error messages
 - ML: Finished adding marker focus functionality
 - SB: Started and finished the picking washroom location from map feature

- SA: Designed styling for banner carousel, researched on storing images in the backend
- **Meeting Points:** Change path when importing the server URL to the new env.js file. Constant name for URL remains the same hence reference to the URL constant in the component does not need to be updated

March 9:

- **Progress Update:**
 - AH: noticed misunderstanding for the banner so paused that task and got started on the endpoint for get all news
 - CN: initialized Google API key that uses Places API, Directions API and Maps SDK. Started working on implementing autocomplete places with places API, made sure first suggestion for starting point is current location
 - FB: Setting up the donation page and creating a Stripe account to get the publishable and secret key for the payment process.
 - JH: Worked on switching views when logging in
 - ML: Busy with other course work, no major progress
 - SB: Worked on Enter Address form and Edit Hours main page
 - SA: Designed styling for banner carousel, researched on storing images in the backend
- **Meeting Points:** Went through Figma prototype to reinforce understanding of logical flow in each pages and agreed on certain behaviors for the features who's behavior is not set in stone yet

March 10:

- **Progress Update:**
 - AH: worked on get all news endpoint
 - CN: Completed implementation of autocomplete places with selection of method of transportation in different bottomsheets to default nearby washroom with appropriate view logic implemented
 - FB: No progress, doing other course work.
 - JH: Finished with integrating JWT tokens and testing
 - ML: Started working on front end for washroom details page
 - SB: Worked on edit hours modal component, including day toggle select and time picker
 - SA: Created get endpoint in the backend to retrieve card Image
- **Meeting Points:** Added GOOGLE API KEY constant to the env.js. Create your own API key by referring to youtube video shared in discord with the main properties as Maps SDK for Android and IOS enabled, Places API (both new and old) enabled and Directions API enabled. Very important, do not share Google API key on Github, each key only has a set allocation of request credits and any requests beyond the allocated amount will result in charges to the registered card number.

March 11:

- **Progress Update:**
 - AH: double checked if endpoint receivers in the front end
 - CN: Used Route component to display route from starting point to destination using the set method of transport. Added appropriate pins to the map indicating starting point and destination in the map. Implemented separate direct API call to fetch the steps in a route
 - FB: Create a backend endpoint to create a new paymentIntent which is used to track payments made by clients.
 - JH: No work done
 - ML: Continue working on front end washroom details page, format opening hours
 - SB: Presented edit hours during meeting for feedback and began investigating different implementations for image file system
 - SA: worked on frontend for latest news scroll
- **Meeting Points:** Stripe demo testing card uses card number 42424242.... (until completed), set expiry date to any future date and CVV can be any 3 digits. Successful payments with this card will be recorded by the Stripe API under the account Frans initialized but the amount is a dummy value. Do not use real card information for testing

March 12:

- **Progress Update:**
 - AH: tried to fix overlapping issue in banner
 - CN: Created backend to get washrooms along a route by getting nearby washrooms for each steps that make up the route, displayed list of washrooms along route in a separate bottom sheet, implemented marker logic to toggle to display washrooms along route from displaying washrooms near my current location.
 - FB: Create frontend for donation page that allows user to set donation amount. Make a Thank You screen that is displayed after successful donation.
 - JH: No work done
 - ML: Fixed styling and updated distance to be calculated in the front end
 - SB: Implemented image picker in frontend, image preview for three images, delete image button, and additional detail input. Figured out image storing in backend, connected frontend to backend to store uploaded images in backend
 - SA: worked on frontend for latest news scroll
- **Meeting Points:** Refer to Shannon's public washroom application feature branch to see concrete example of using multer as an image file system, branch includes sample POST and GET statements to upload and retrieve images.

March 13:

- **Progress Update:**
 - AH: worked on styling for banner

- CN: Added smooth camera panning animation when switching different modes of markers displayed. In certain scenarios, the camera will zoom out to fit the entire route from starting point to destination
- FB: Encounters blocker where the keyboard covers the card container in some devices. Fixing the issue by increasing the bottom sheet snap point.
- JH: Worked on Figma for Business Owner navbar layout
- ML: Finished PR for washroom details page basic functionality
- SB: Finalized PR for Add Public Washroom
- SA: created storeNews post endpoint for inserting news items in the db
- **Meeting Points:** Merge the completed feature branches and resolve merge conflicts. Found that Martin's Privacy Policy feature and More Options styling refactor was overwritten by one or more previous PRs, reimplemented privacy policy feature by referring to old privacy policy feature development branch contents and changes.

March 14:

- **Progress Update:**
 - AH: fixed issue with indexing of the images in the banner when loop = false. attempted with loop as well
 - CN: No progress, preparing for midterm for another course
 - FB: Animate ruby tier pin.
 - JH: No progress, studying for midterm
 - ML: No progress, busy with other course work
 - SB: No progress, preparing for midterm
 - SA: No progress, preparing for midterm
- **Meeting Points:** Found blocker with looping carousels and z-index changes does not reflect in the carousel as the card on focus changes which leads to undesired overlaps. We should start considering changing the designed/intended behavior to prevent further blockers

March 15:

- **Progress Update:**
 - AH: Added endpoints for the ruby businesses and set up the functions to retrieve the images. Also added functionality of the news images linking to article/
 - CN: No progress, preparing for midterm
 - FB: No progress, preparing for midterm
 - JH: No progress, preparing for midterm
 - ML: No progress, preparing for midterm
 - SB: No progress, preparing for midterm
 - SA: Merged branch with Ashvini's to have all info page work in one branch
- **Meeting Points:** Implementation design updated within the scope of what is currently working, Ashvini's Banner and Sumaiya's news cards merged into one branch with minimal issue despite belonging to the same component.

March 16:

- **Progress Update:**
 - AH: No progress, writing midterm
 - CN: Completed backend behavior of fetching washrooms by ids and storing ids of saved washrooms in local storage
 - FB: No progress, writing midterm.
 - JH: No progress, midterm
 - ML: No progress, writing midterm
 - SB: No progress, writing midterm
 - SA: No progress, writing midterm
- **Meeting Points:** Merge the remaining feature branches and resolve merge conflicts. Post-merge issue with Business Owner signup/login fixed by updating regex check trigger logic and found typos in the dynamic URL for the default business owner GET fetch

March 17:

- **Progress Update:**
 - AH: Attended sprint meeting
 - CN: Attending sprint meeting, finalizing frontend view of saved washrooms and deliverable documents
 - FB: Attending sprint retrospective meeting, finalize deliverable documents.
 - JH: Attending sprint retrospective meeting
 - ML: Attending sprint retrospective meeting
 - SB: Attended sprint retrospective meeting, worked on figma for BO pages
 - SA: Attended sprint retrospective meeting, worked on autolooping banner carousel, merged branch into sprint-2
- **Meeting Points:** Setting up target goals: Finish all figma prototype (Admin and Business Owner) by Wednesday and we will do full planning poker on Wednesday once the behavior of features and logic flow is uniformly accepted by the entire group.