

Stand-up Summary: Sprint 1

AH = Ashvini

CN = Christopher

FB = Frans

JH = Jamie

ML = Martin

SB = Shannon

SA = Sumaiya

February 20:

- **Progress Update:**
 - AH: No progress, other coursework.
 - CN: Set up database for the app, help make README for setting up, help with figma design.
 - FB: initialize code base, create README for setting up backend and frontend, learn PostgreSQL and react-navigation library.
 - JH: Learn and familiarize with React Native.
 - ML: Initialize code base, and learn frameworks.
 - SB: Design Figma prototype for user screens
 - SA: Initialize code base, learn React Native
- **Meeting Points:** N/A
- **Next Step:** Initialize code base and test connection to backend, planning poker on tasks, assigning tasks to members.

February 21:

- **Progress Update:**
 - AH: initialize code base.
 - CN: Implement Google Maps in the Explore page. Implement showing current location in the maps.
 - FB: Work on the navigation bar. Fix issue where icons clusters in the middle. Implement design changes for aesthetics. Make PR.
 - JH: initialize code base.
 - ML: Initialize code base, and learn frameworks.
 - SB: initialize code base and continue with the Figma prototype
 - SA: Working on info page and learning React.
- **Meeting Points::**
 - Added BO user story (sponsorship tier selection) as suggested by TA
 - Assigned points to tasks using planning poker.
 - Distributed tasks to members.
- **Next Step:** Work on assigned tasks, and prepare daily updates for stand-up meetings.

February 22:

- **Progress Update:**
 - AH: Familiarized with ReactNative
 - CN: Implement displaying custom GoHere icons. Encounter blockers when trying to implement clustering feature.
 - FB: No progress, preparing for midterm
 - JH: Learning ReactNative and familiarizing myself with Postgres
 - ML: Created logic to map data to buttons to appear on page.
 - SB: Fixed navbar branch and rebased to start working on setup pages
 - SA: Learned using the react carousel for the info page and also began work on the access card page
- **Meeting Points:**
 - In IOS Navbar gets pushed up by the Home Bar.
 - Issue: Cannot open app in mobile expo-go.
 - Solution: change URL from localhost to machine's IP address.
 - Issue: URL not updating due to caching
 - Solution (CN): change fetch URL to `fetch(`${GOHERE_SERVER_URL}/testconnection/user?_=${new Date().getTime()})`;
- **Next Step:** Continue working on tasks. Setting up an emulator so we can work on the same device (for consistency).

February 23:

- **Progress Update:**
 - AH: No progress, fell sick.
 - CN: Solved clustering blocker using ClusteredMapView that allows optimization of clustering features. Updated implemented code to work for ClusteredMapView.
 - FB: Attempt to fix IOS issue by adjusting height based on OS but unable to create iPhone emulator for testing.
 - JH: No progress, prepare for midterm.
 - ML: Set up Stack Navigation to go between Option Pages
 - SB: Familiarized with React Native and finished the first setup page. Blocker: importing custom fonts from Google, and fonts are not inherited from parent containers. Resolved font issues.
 - SA: Learned linking websites to buttons and completed most of the info page and access card page
- **Meeting Points:**
 - Issue: Navbar gets pushed up when keyboard is shown.
- **Next Step:** Set up an Android emulator (Decided to use Pixel 7 for the device type.)

February 24:

- **Progress Update:**
 - AH: No progress, was traveling back to Scarborough
 - CN: Create SQL queries to make mock business owners and washrooms. Implemented GET nearbyWashrooms endpoint that accepts a parameter of longitude and latitude, then gets the 20 nearest washrooms within a fixed radius by using the Haversine formula
 - FB: No progress, midterm
 - JH: No progress, midterm.
 - ML: Header + text styling. Blocker: Having trouble matching styles with Figma prototype
 - SB: Finished setup page 2 and 3 and added swiping functionality.
 - SA: Worked on the styling of the page to match Figma prototype
- **Meeting Points:** N/A
- **Next Step:** N/A

February 25:

- **Progress Update:**
 - AH: No Progress, had other course's assignments due
 - CN: Optimize SQL queries by getting washroom within a range of X and Y coordinate first before calculating their distance using the Haversine formula. Implemented dynamic fetching of the GET nearbyWashrooms endpoint from the Explore screen to get the updated list of nearest washrooms every 5 meters covered. Faced node package issues when trying to look for a library that offers a draggable view.
 - FB: Trying to fix the keyboard issue.
 - JH: No progress to complete assignments
 - ML: Finished button styling and cleaned up code, created pull request
 - SB: Refactored the setup pages and added AsyncStorage functionality
 - SA: No Progress, had other course's assignments due
- **Meeting Points:** N/A
- **Next Step:** N/A

February 26:

- **Progress Update:**
 - AH: No Progress, studying for midterm
 - CN: Solve draggable view issue by installing dependency. Implement draggable list with snap points to show 20 nearest washrooms.
 - FB: Setting up android emulator using android studio. Redraw logo for higher resolution.
 - JH: No progress to complete assignments

- ML: Implemented styling fixes discussed in meeting
- SB: Added conditional rendering in App.js based on AsyncStorage
- SA: Continued work on styling the two pages
- **Meeting Points:** N/A
- **Next Step:** N/A

February 27:

- **Progress Update:**
 - AH: No Progress, midterm
 - CN: Initialized testing suite and completed test case for GET nearbyWashrooms endpoint
 - FB: No progress, preparing for midterm
 - JH: Worked on how to send a user to Play Store/App Store to review website
 - ML: Researching for Location Permission user story
 - SB: Finished Manage Profile page with AsyncStorage functionality, including getting existing data in AsyncStorage and storing it on "Confirm"
 - SA: No Progress, had other courses' work due
- **Meeting Points:**
 - Issue: In Android Studio emulator, map streets are black instead of white (unsolved).
- **Next Step:** N/A

February 28:

- **Progress Update:**
 - AH: Created access card component and added necessary picture and text
 - CN: Created a pull request for the feature implemented
 - FB: No progress, midterm
 - JH: Continued to look into libraries that could generate an in-app review popup
 - ML: Reviewed PRs
 - SB: Fixed styling and resolved merge conflicts when rebasing and merging branches
 - SA: No Progress, had other courses' work
- **Meeting Points:**
 - Issue: Trouble getting app to work using university's wifi.
 - Solution: Connect using mobile data instead. Change .env URL. Console.log before every fetch to ensure URL is updated properly.
- **Next Step:** N/A

February 29:

- **Progress Update:**
 - AH: Worked on styling of the Access Card component
 - CN: No progress, need to prepare for a midterm
 - FB: Temporary solution to keyboard issue by hiding navbar when the keyboard is up.
 - JH: Tried to work with the Expo-Store-Review library. Blocker - only seemed to work on the iOS emulator, not my iPhone or Android emulator
 - ML: No progress, midterm
 - SB: No progress, need to prepare for midterm.
 - SA: Added the disease disclaimer component of the Access Card page
- **Meeting Points:**
 - Issue (JH): Card page gives a specific error: "Cannot read property 'rate' of null".
 - Issue (FB): Navbar hiding is not smooth, there is a split second when keyboard appears before navbar disappears.
- **Next Step:** N/A

March 1:

- **Progress Update:**
 - AH: Added the toggle feature
 - CN: No progress, need to prepare for a midterm
 - FB: No progress, other coursework.
 - JH: Created the popup and worked on the logic for when to show the popup
 - ML: No progress, midterm
 - SB: No progress, need to prepare for midterm.
 - SA: No progress, had other courses' work
- **Meeting Points:**
 - Issue: After integrating 3 features into Sprint-1 branch, we handled the notification bar padding differently which led to weird unexpected behavior where a black bar covers the notification bar and blocks important details like battery percentage etc
- **Next Step:** N/A

March 2:

- **Progress Update:**
 - AH: Worked on the toggle feature's logic (Ability to switch into french)
 - CN: Pushed emergency hotfix for frontend styling issue after merging multiple branches into sprint-1
 - FB: Editing and formalizing task assignment document
 - JH: Worked on using the logic within a component. Blocker - only worked if the code was copied directly into the component. Temporary feature for demo: opening info page for the first time displays pop-up. Created a pull request.

- ML: No progress, working on assignments
- SB: Tested other branches on emulator prior to PR approval
- SA: Made sure my branch is compatible with sprint-1 branch, fixed minor styling issues
- **Meeting Points:**
 - Issue: Case of running ExpoGo in Android emulator causes error ("Error: EACCES: permission denied")
- **Next Step:** N/A

March 3:

- **Progress Update:**
 - AH: Finalized PR for card page (including Sumaiya's buttons)
 - CN: No progress, need to grade midterms
 - FB: Finalizing documents for sprint-1 submission
 - JH: Merging PR for review prompt into sprint-1, handled conflicts with info page from Sumaiya's PR
 - ML: No progress, working on assignments
 - SB: Tested other branches on emulator prior to PR approval
 - SA: Merging info page into sprint-1 and finalized PR for card page (with Ashvini)
- **Meeting Points:**
 - Sprint Retrospective
 - Select tasks for Sprint 2
 - Merged some PRs
 - Assigned some tasks for Sprint 2
- **Next Step:** Finalize and submit Deliverable-2, planning poker for Sprint 2