

## CSCC01 Group 4 Project - Deliverable 1

### Team Info

# Team Apple

#### Member 1

Name: Ethan Lam

Student Number: 1008075164

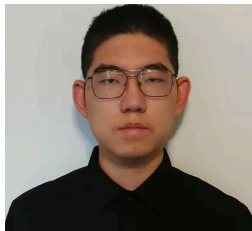
UTORID: lametha3

Email Address: [ethanh.lam@mail.utoronto.ca](mailto:ethanh.lam@mail.utoronto.ca)



Description: I am a third year Computer Science student at UTSC. I am interested in getting into web development for the near future, while in the longer term I want to work as a software engineer.

#### Member 2



Name: Chang Ma

Student Number: 1007958239

UTORID: machang5

Email: [changallen.ma@mail.utoronto.ca](mailto:changallen.ma@mail.utoronto.ca) (use a2003mc@gmail.com for github)

Description: I'm currently in the third year of a specialist program in computer science at Scarborough. I have previously participated in developing projects using React and JavaScript. I want to continue learning programming and development skills and become a software developer in the future.

### Member 3



Name: Victor Yeung

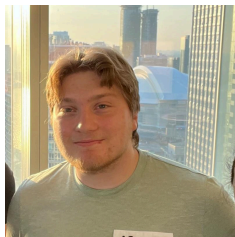
Student Number: 1008081530

UTORID: yeungv10

Email: [victorzhehong.yeung@mail.utoronto.ca](mailto:victorzhehong.yeung@mail.utoronto.ca)

Description: Third year CS student at UTSC specializing in software engineering. In the past I have worked on team-based software development projects for courses at UTSC. I have worked with tools such as Jira and Github in an Agile work environment. I am familiar with languages such as C, Java, Python, and SQL. I am currently learning web development tools to expand the breadth of my programming knowledge.

### Member 4



Name: Matthew Iannantuono

Student Number: 1008005025

UTORID: iannant5

Email: [matthew.iannantuono@mail.utoronto.ca](mailto:matthew.iannantuono@mail.utoronto.ca)

Description: I am an undergraduate student at the University of Toronto Scarborough studying Computer Science, specializing in Software Engineering. I have previous software development experiences as a full stack developer, working on a team with other developers, designers, and business leaders to create and maintain key features for banking clients. My ambitions for the future are to continue to work on improving my web development skills through projects and academic courses, to become familiar with more full stack technologies.

### Member 5



Name: Theo Landart

Student Number: 1008152712

UTORID: landartt

Email Address: [theo.landart@mail.utoronto.ca](mailto:theo.landart@mail.utoronto.ca)

Description: I am a third year student at UTSC doing a Computer Science specialist (in the software engineering stream). I have experience during co-op positions working in software development teams using Agile methodologies. Additionally, I have experience using React JS, and other web development tools.

### Member 6



Name: Tianxi Hu

Student Number: 1005424943

UTORID: hutianx2

Email Address: [tianxi.hu@mail.utoronto.ca](mailto:tianxi.hu@mail.utoronto.ca)

Description: I am an undergraduate student in UTSC statistic specialist program(Machine learning and data mining stream). Having knowledge in SQL, python, java, C, C++ and are capable of doing data analysis using R.

### Team Agreement

Communication Methods: Discord

Expected Response Times: around 3 hours on weekdays

Nature and Frequency of Meetings During Development: Mon 6-7, Fri 3-3:30

Contingency Plans:

If there is a change in the meeting, every person in the group will be notified via the Discord server, which will be sent by Victor, up to 1 hour before.

1. **We agree that 6 hours is the advance notice from any group member to cancel or reset the meeting.**
2. **We agree that to change or cancel a meeting, we need agreement from at least 2 team members.**
3. **We agree that a team member can miss:**
  - a. Maximum of 2 meetings, unless:
    - i) Medical or family emergency
    - ii) Other extenuating circumstances, which requires prior approval from at least 1 other team members, and notification to Team Lead
4. **If a team member :**
  - a. fails to attend the scheduled meeting(s) at the scheduled time;
  - b. fails to complete work on time;
  - c. fails to complete work in adequate manner and to quality standards set by the team;
  - d. fails to contribute meaningfully to the thought process during the team meeting(s);
  - e. behaves unprofessionally during meeting(s) or via written communication (i.e., does not pay attention, initiates conflict, etc.);
  - f. fails to contribute the same level as everyone else in terms of effort, skills, cooperation, and results;
  - g. fails to respond to communications for 5 consecutive days without prior notice;

**Any of the above listed items (a-g) will constitute Breach of Agreement. Unless excused by the rest of the group, or has a valid reason (e.g., Illness). It is up to the group members if they require proof for certain excuses. If any conflict arises please let the TA/Professor know.**

Signatures: Chang Ma, Victor Yeung, Ethan Lam, Theo Landart, Matthew Iannantuono, Tianxi Hu

## **Personas**

### **Persona 1:**

Name: Bob

Description:

- 30 years old
- Male
- Store owner
- Kind
- Learned about GoHere and wants to add his store to the App to open up his washrooms to those in need

### **Persona 2:**

Name: Bartholomew Barnaby Augustus II

Description:

- 19 years old

- Wealthy by inheritance
- Wants to fulfill his annual goodwill requirements, saw GoHere from a sign on a storefront, willing to sponsor some money to the GoHere program

**Persona 3:**

Name: Jessica

Description:

- 63 years old
- Limited technological literacy and has difficulty learning new software
- Suffers from gastrointestinal issues and a user of the GoHere app
- Learned of the app from an acquaintance who has a similar condition
- Frustrated with the app and would like to provide feedback to help improve the app's functionality

**Person 4:**

Name: Kevin

Description:

- 42 years old
- CEO of a multi-million dollar company
- Wants the company to sponsor some money to the GoHere program as part of a charitable initiative
- Would like to be able to see some acknowledgement in the GoHere app for the public eye to see the company's sponsorship

**Persona 5:**

Name: Elizabeth

Description:

- 29 years old
- Elizabeth's mother suffers from colitis and she has downloaded the GoHere app to help her mother out when they are together in public
- She has had difficulties with the app as some of the locations listed on the app have outdated information
- She would like the option for users to update the status of listed locations in real-time so that the app is more accurate

## **User Stories**

Base: As a developer I want a basic but recognizable recreation of the GoHere app to develop features off of.

CCC01 / User submit: As a user I want to be able to submit information about publicly accessible washrooms that could potentially be new GoHere locations through the app so that locations near me can be added, and so that users can collaborate to have more locations overall.

CCC02 / User report closure: As a user I want to be able to report a washroom closure so that the app can provide real-time updates and show changes to publicly accessible washroom locations

CCC03 / User feedback: As a user I want to be able to provide general feedback to the app in order to provide other users with a better experience while using the GoHere service

CCC04 / Business register: As a store owner, I want to be able to join the GoHere program by registering the washroom in my store and providing the opening time through the app in order to help more people have access to a washroom.

CCC05 / User donate: As a user I want to be able to easily donate to the GoHere program through the app to support the development of the app and make it easier to use.

CCC06 / Business donate rewards: As a business owner I want to have access to a sponsorship tier system including bronze, silver and gold tier for each sponsor of GoHere program so that I have an incentive to donate to the app in varying amounts.

CCC07 / User news: As a user I want to be able to read a news section to keep up with the latest news and updates about the GoHere program conveniently through the app

## Architecture Diagram

Note: subject to change after more research

