

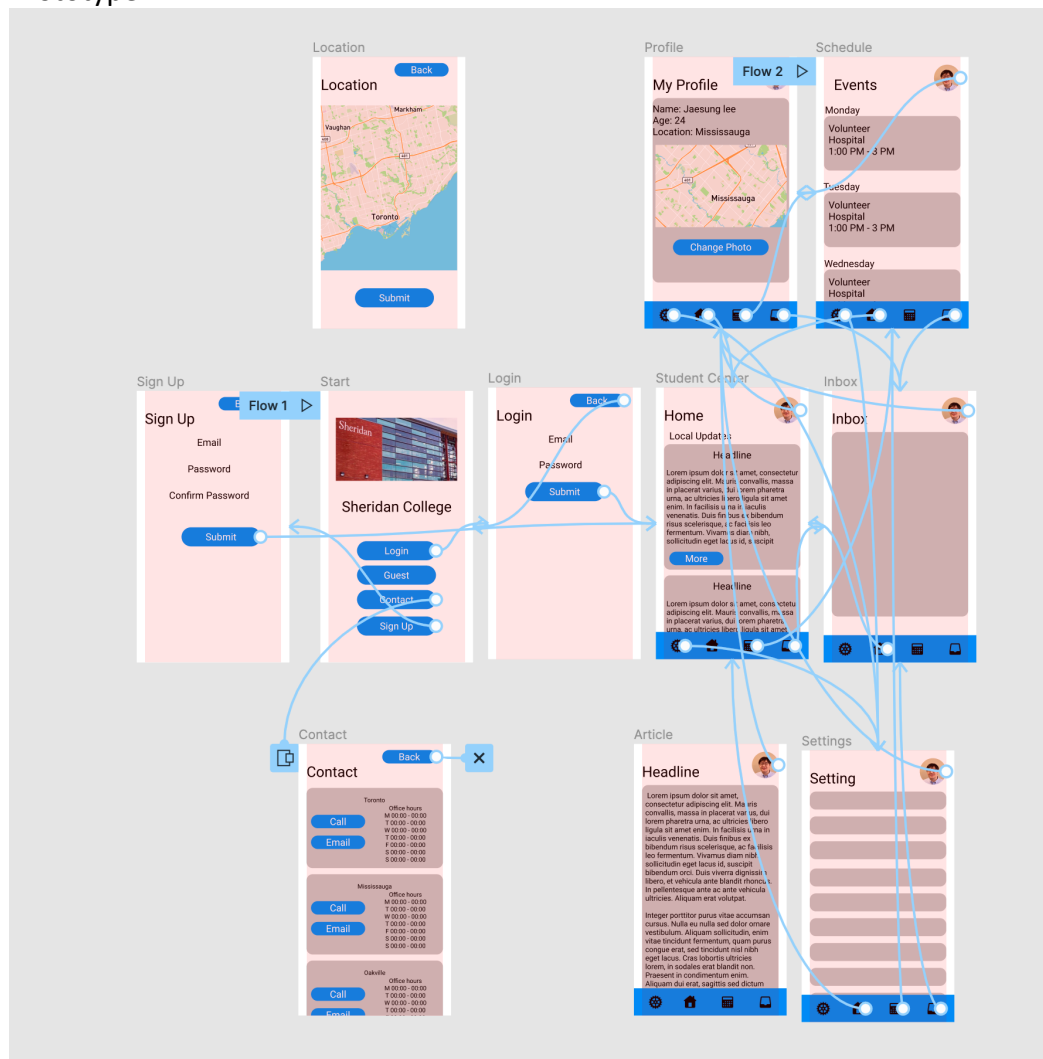
1. There is a very diverse audience for the app. However, all of them will be students or maybe staff of Sheridan College. Other than that, one commonality there can be many differences from user to user. For example, students may be in completely different programs or there may even be a huge variance in age of users which also changes the usage patterns of the average user.
2. I believe I should consider the huge difference in the groups of audience present. There is a wide variance in the audience because many people come from far away to be able to attend school. So, if we keep this in mind it may be useful to localize information to help students that may need requirements. We can do simple stuff like translating labels in the app or including a map to help students navigate.
3. Pulse: Is an app that is designed to work with the Desire 2 Learn platform. It allows students to receive updates from their courses on their phones. However, to view full posts you must open the full site in a browser, minimising the usefulness off the app.  
BlackBoard: Is similar to Pulse and D2L, the app allows students to access course information, grades and other notifications on platform apps. Like D2L the BlackBoard mobile app lacks the full features of the website.  
SchoolInfo: Allows schools and communities to be able to create a simple platform to keep students and other users updated about school news and other information. Users have complained that the app can be very slow, especially if there is a lot of different posts to load  
School Apptitude: A platform that allows schools to have presence on online and on students phones. The app can give notifications and keep students informed about school events. This app also allows students to pay for food in the cafeteria through the app. There are many different school apps made by School Apptitude, and although users have reviewed the app positively and said it does everything it promised, some users also have noted it is not very flexible and all schools(customers) received the same app that is just reskinned.  
EZ School Apps: Is a suite of apps that are available for schools to purchase to use for their own school. It allows schools to connect students with administration and course information through their phones and allows students to order and pay for their food through the apps. Users have complained that it is inconvenient to have multiple different apps and it is not easy to learn how to use all of them.
4. I think my app should also include a way for students to be able to order food or perhaps at least way to make the process easier. I also believe that users want a way to access the full course information on the app without having to go on the full website each time.
5. Some ways I found latent needs were through natural observations. While attending school I was able to see many different students using the apps in school and can hear complaints, therefore I thought I there should be localization for my app. Another method I utilized was like interviewing or surveying, I researched similar apps and read many reviews that were left by users as feedback for the app. This was a good source of information to hear how users were actually using the apps and what features they really wanted.

## Competitive Analysis

Name	Link	Users	years	Features	Cost	Notes
Pulse	<a href="https://www.d2l.com/the-best-mobile-learning-experience/">https://www.d2l.com/the-best-mobile-learning-experience/</a>	1,000,000 +	2	push notifications, time management, updates on course info, connect with faculty	free	Companion app for D2L platform applications, cannot load all content from slate and still needs to use browser to see all content
BlackBoard	<a href="https://apps.apple.com/us/app/blackboard/id950424861">https://apps.apple.com/us/app/blackboard/id950424861</a>	5,000,000 +	7	update course content, take tests and submit assignments, video chat,	free	Blackboard is mainly an application online similar to D2L, For the full experience the browser is also required
SchoolInfo	<a href="https://schoolinfoapp.com/">https://schoolinfoapp.com/</a>	1,000,000 +	5	School information, school event updates, push notifications	free	There is a generic schoolinfo app available as well as school branded apps with the same functions and features
School Apptitude	<a href="http://schoolapptitude.com/">http://schoolapptitude.com/</a>	100,000+	5	School office information, school updates, push notifications, mobile payment	free	A family of apps made by the same company that have the same functions. These apps are targeting students as well as parents
EZ School Apps	<a href="https://www.ezschoolapps.com/">https://www.ezschoolapps.com/</a>	N/A	N/A	Push notifications, course updates, school Lunch POS, substitute management	free	Focuses on all aspects of school including, staff management, POS management, even a substitute agency. This also requires multiple apps

Design Principle	Score (1-5)	Explain your method for improving the design principle for your app, if not applicable please write N/A
Discoverability	5	
Simplicity	4	The current design of the app is fairly simple, I believe some nested options could be simplified
Affordances	5	The app is free
Mapping	4	Currently the map only maps to the campuses, I would like to allow it to map to classrooms around campus
Perceptibility	5	
Consistency	5	
Flexibility	2	Currently the navigation bar is the only real options, I would like to add more options to allow student more access
Equity	5	
Ease	4	The app is extremely simple to use, there could be potential trouble for foreign students
Comfort	3	most buttons are placed in easily reachable places, however more attention will be given for future button placement
Structure	5	
Constraints	5	
Tolerance	2	Currently the app has not been fully tested with tolerances in mind, but will improve the navigation from pages
Feedback	1	There is no system in place to receive feedback, I will add a contact page to be able to receive direct feedback
Documentation	1	There is no documentation for the app as its very early on, more documentation will be created as the design develops
Average	3.73333333	The average will be calculated automatically. If design principle is not related please put 5 for its score

## Prototype



## Links

<https://github.com/jaselee0905/HCI-Assingment2>

<https://www.figma.com/file/VnhYlxA6KY8eBcDJiFLjUh/Sheridan-College-app?node-id=0%3A1>

<https://youtu.be/LRjxwlsWJWo>