CMPT 363 Design Scenarios and Storyboard Mockups, Spring 2021

Group Name: group

Mission: Redesign iOS SFU Snap mobile app

Group Members:
- Ken Ngai
- Ruojun Yang
- Zhishi Li
- Yangyang Liu

Team contribution:
- Ken Ngai - Design Scenarios 1, Storyboard Mockup 1, Main Page, Quality Assurance, Project management
- Ruojun Yang - Design Scenarios 2, Storyboard Mockup 2
- Yangyang Liu - Design Scenarios 3, Storyboard Mockup 3
- Zhishi Li - Design Scenarios 4, Storyboard Mockup 4

Self-assessment:
- **Usability: 8**
- **Usefulness: 9**
- **Desirability: 8**

Appendix:
- https://jamesarcher.me/hamburger-menu
- https://medium.com/@kollinz/dropdown-alternatives-for-better-mobile-forms-53e40d641b53
- https://uxplanet.org/toggle-switch-5-simple-design-tips-for-better-design-b4046eff4a2f

Design Scenarios 1 Ken

Jess Carter is a second-year computing science student at SFU. He currently lives in Vancouver, Canada. He traveled to SFU by bus 145 every morning to attend the first class. His parents don't support his university life, even with student loans he must work part-time to earn income to cover some of his school tuition. Jess is taking four courses this semester and has a tight schedule to travel immediately to his workplace after school. He wants to efficiently use the time travel back and forth between SFU and his house, since missing a single bus means 15 to 30 min is lost waiting for the next bus. After Wednesday's last lecture class of the day, Jess needs to bus home as fast as possible to prepare for work, so he uses SFU Snap to help him search for the closest bus stop with the bus 145. Normally he walks back to the bus stop that he got off in the morning to take 145, but that bus stop was at the opposite side of the school. So he wants to search for a new and better solution to help him save time from commuting to school.

Design Scenarios 2 Ruojun

Tom, a first-day SFU student living in Metrotown but having classes in Burnaby mountain. Tom knows SFU has an application called SFU snap so he just downloaded SFU snap last night and just finished his MATH151. Tom still has a class in the afternoon. There are only 2 hours left but it will take too long to go back home, so he has to eat lunch at school. Tom knows nothing about this school, except he knows how to use SFU snap. Tom opens SFU snap again and finds all food locations in the school. Tom thinks Tim Hortons should be the best and SFU snap provides a route to reach Tim Hortons. Tom only spent 1 hour finding Tim Hortons and finished eating, the other hour Tom just walking around in the school.

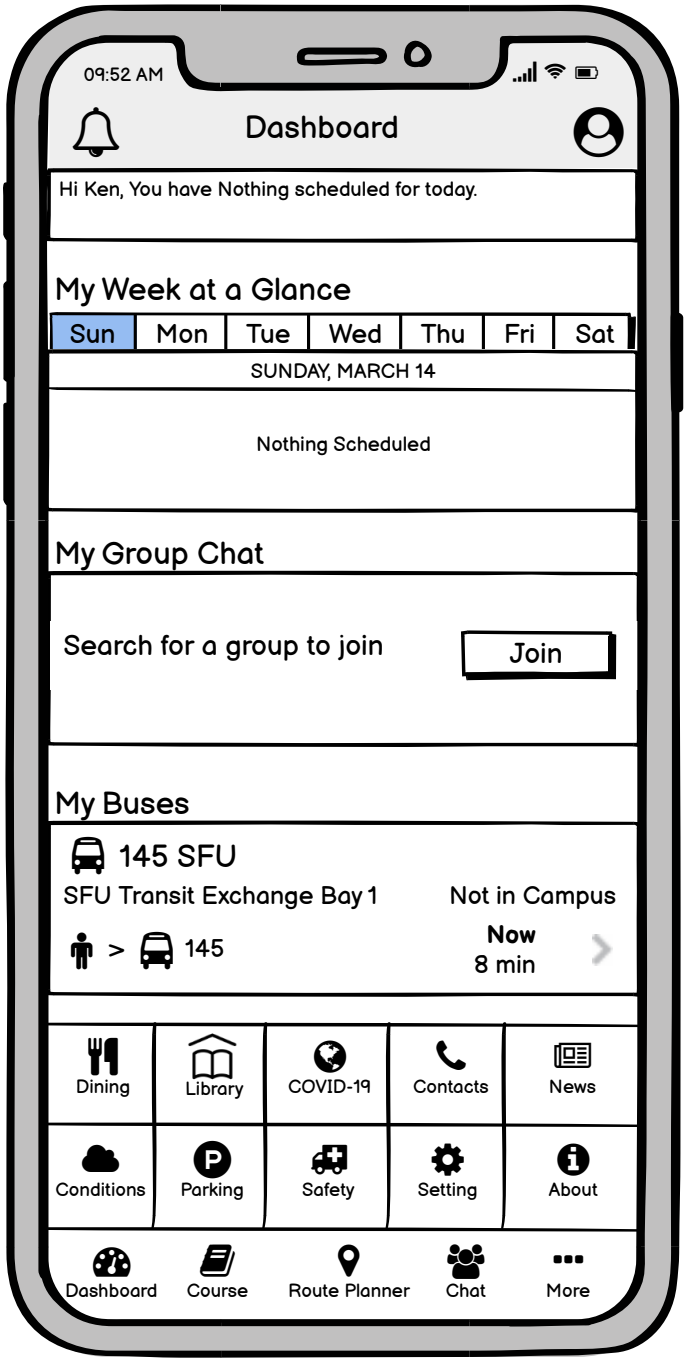
Design Scenarios 3 Yam

Bob White is a graduating high school student who already received a university offer from SFU. He is going to study computing science major in SFU because he is very good at coding and math, but he did not learn about what courses are required to graduate as a CS major. He wants to use SFU Snap to plan out his courses to have a better overview of his university life. He wants to know what courses are required for graduating as a CS major. Planning 120 units courses ahead for the four years in university will prepare him better when he actually goes to SFU.

Design Scenarios 4

Alan is a third-year computing science student at SFU. He is well organized and hard-working and is working on a group project for his CMPT300 course along with two other members Angus and Bruce. The assignment is worth 30% of his final grade and it is a 3 person group assignment, so he wants to work together with his group members on a platform that helps them work efficiently. He wishes to communicate with the group online, so they can have meetings on it. Alan wants to use SFU Snap to help him solve this problem, and use it to let Angus and Bruce join the same team as him on the Assignment 1.

Main Page



Transit storyboard: Click on the route planner tab.

Room finder storyboard: click on the dining tab on the main page or click more to open the menu then go dinning.

Course planner storyboard: click on the Course tab.

Group chat storyboard: Click on the Chat tab.

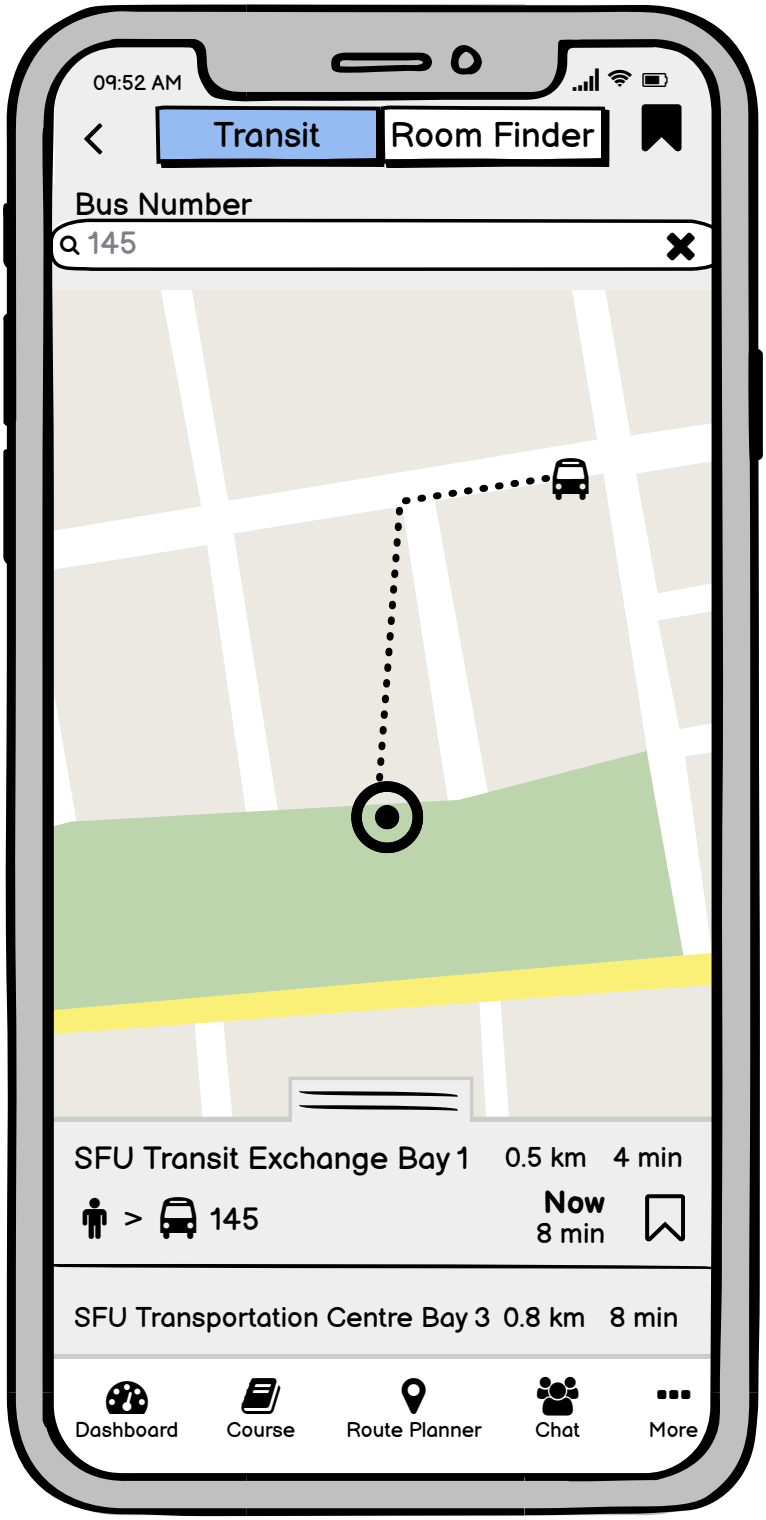
Task goal: find a route to the closest bus stop with bus number 145 from the current

User presses on the search box for bus number.

Task goal: find a route to the closest bus stop with bus number 145 from the current

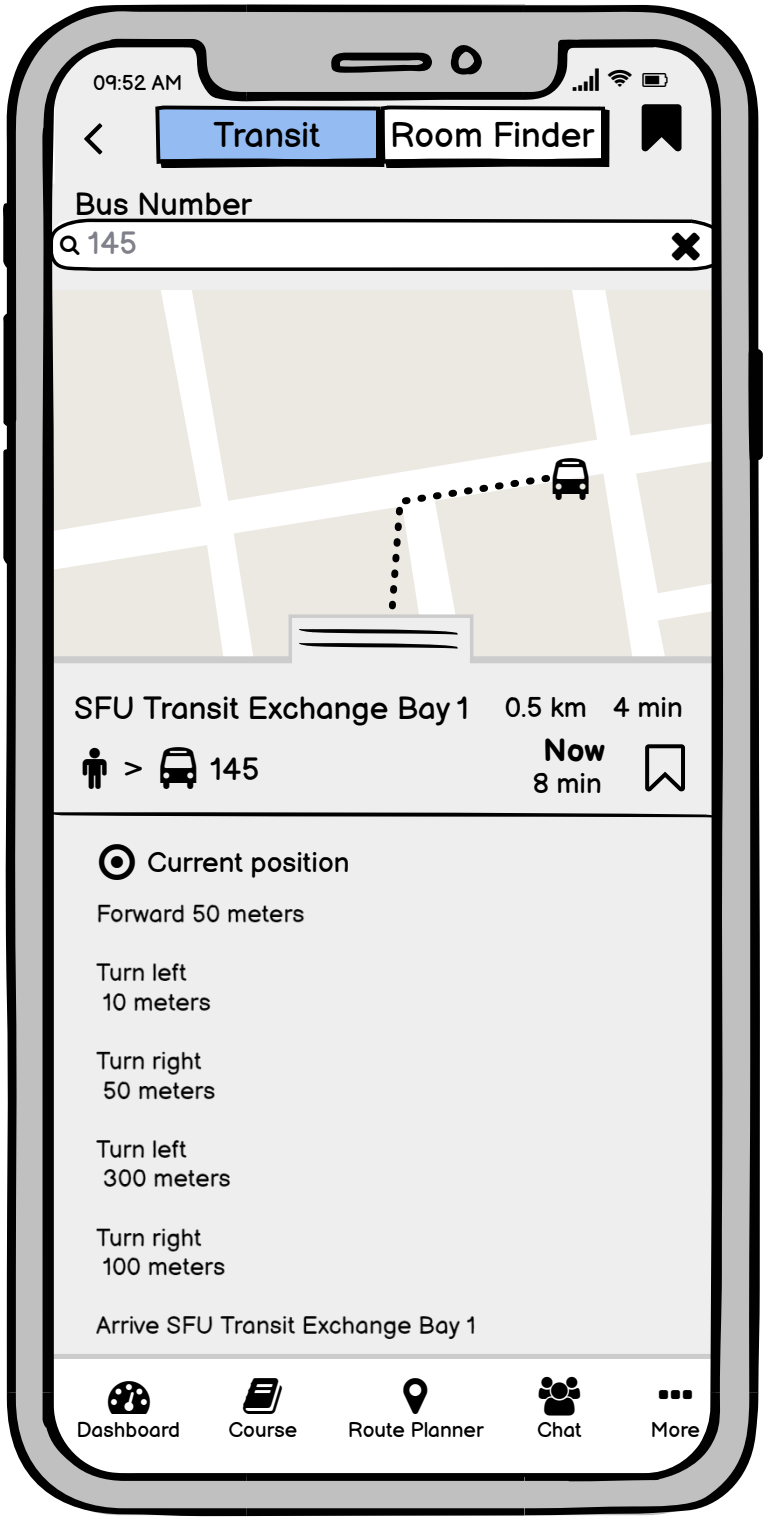
User input bus number 145 in the search box and press Return on keyboard

Task goal: find a route to the closest bus stop with bus number 145 from the current



The user selects the preferred bus stop with the bus number 145, also can select bookmark this bus route

Task goal: find a route to the closest bus stop with bus number 145 from the current



Users can view the detail of the trip.

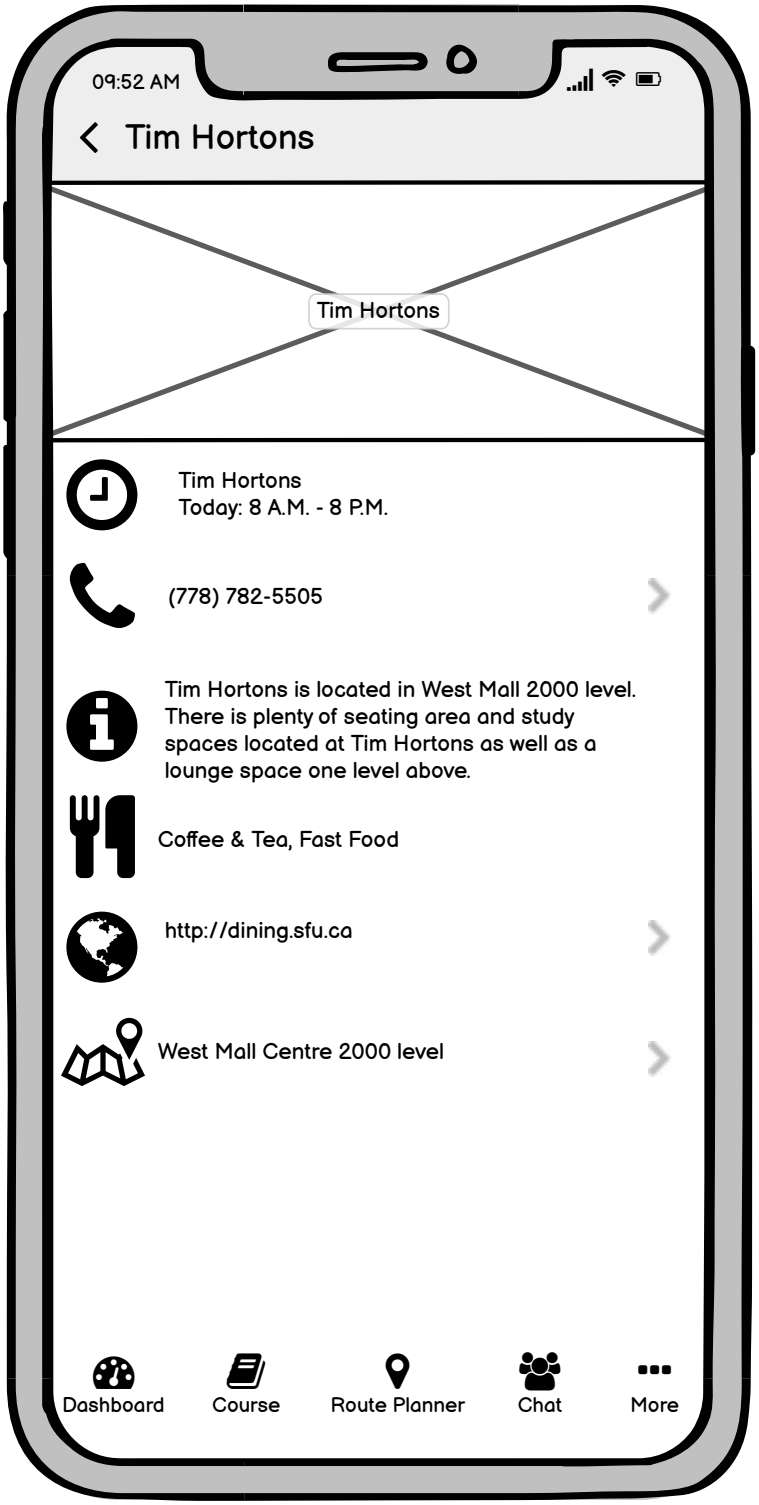
Task goal: find a route from the current location to Tim Hortons

User click the more button on the main menu

Task goal: find a route from the current location to Tim Hortons

User click the preferred Dining location to see more information

Task goal: find a route from the current location to Tim Hortons

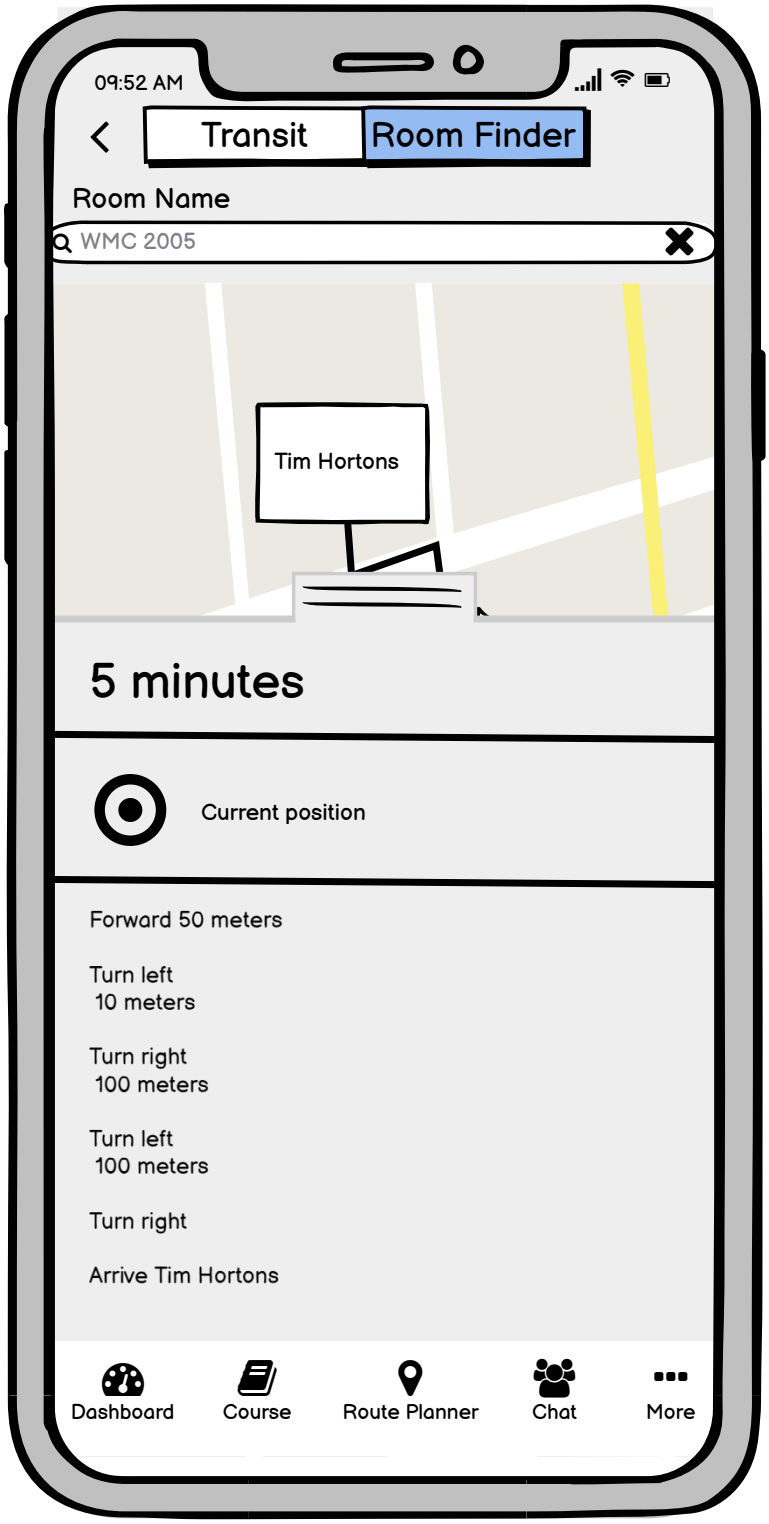


User click the map icon to see the navigation to Tim Hortons

Task goal: find a route from the current location to Tim Hortons

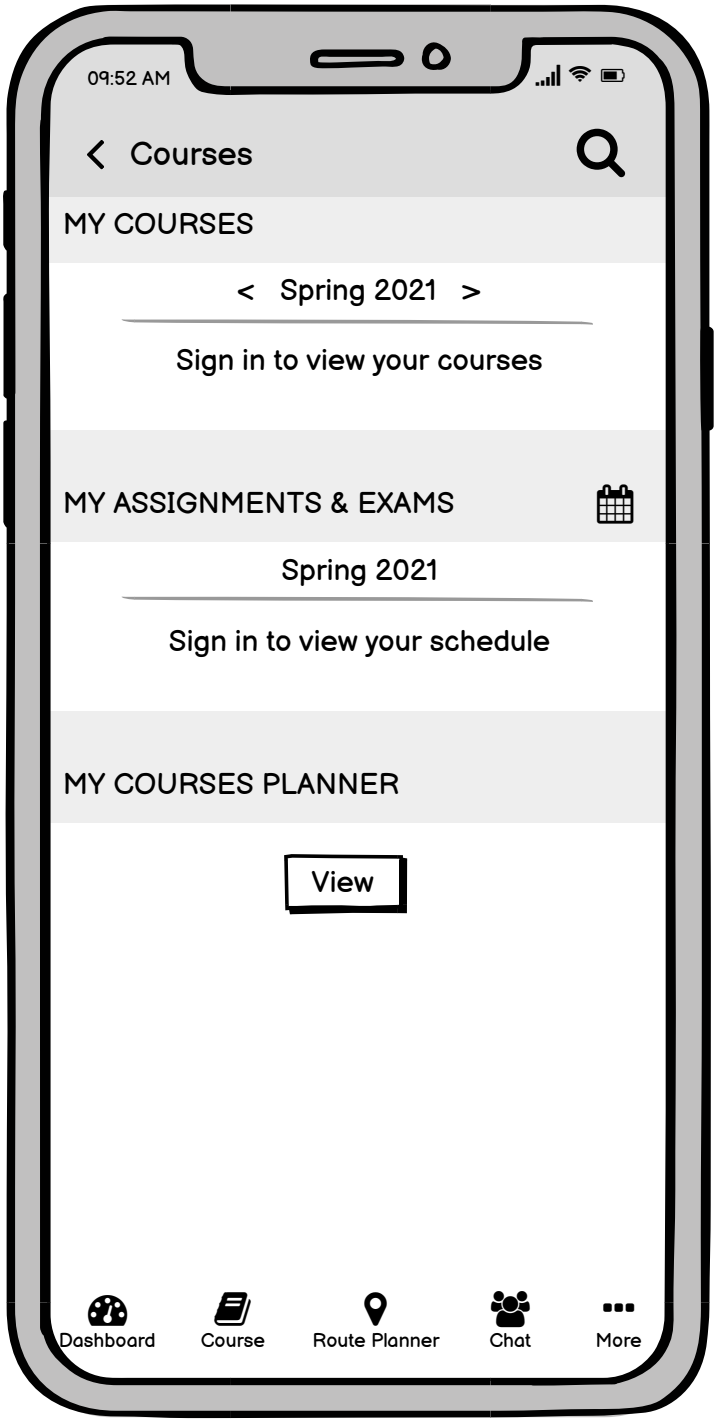
User scroll up to view the detail about route

Task goal: find a route from the current location to Tim Hortons



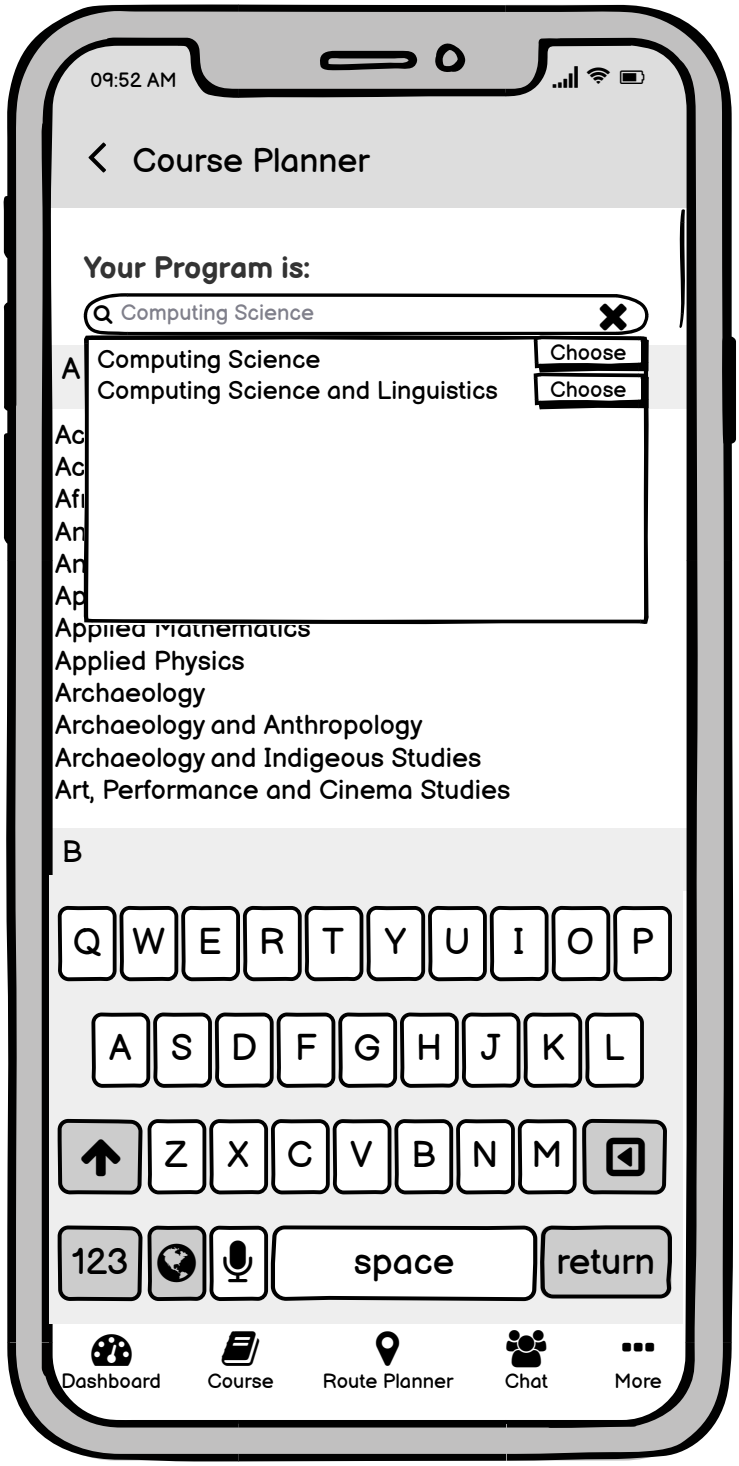
User follows the route to Tim Hortons to eat

Task goal: Add required CS courses CMPT 125 to the Course planner in the first year, so users can make a courses plan for a Computer Science degree four years plan until they graduate.



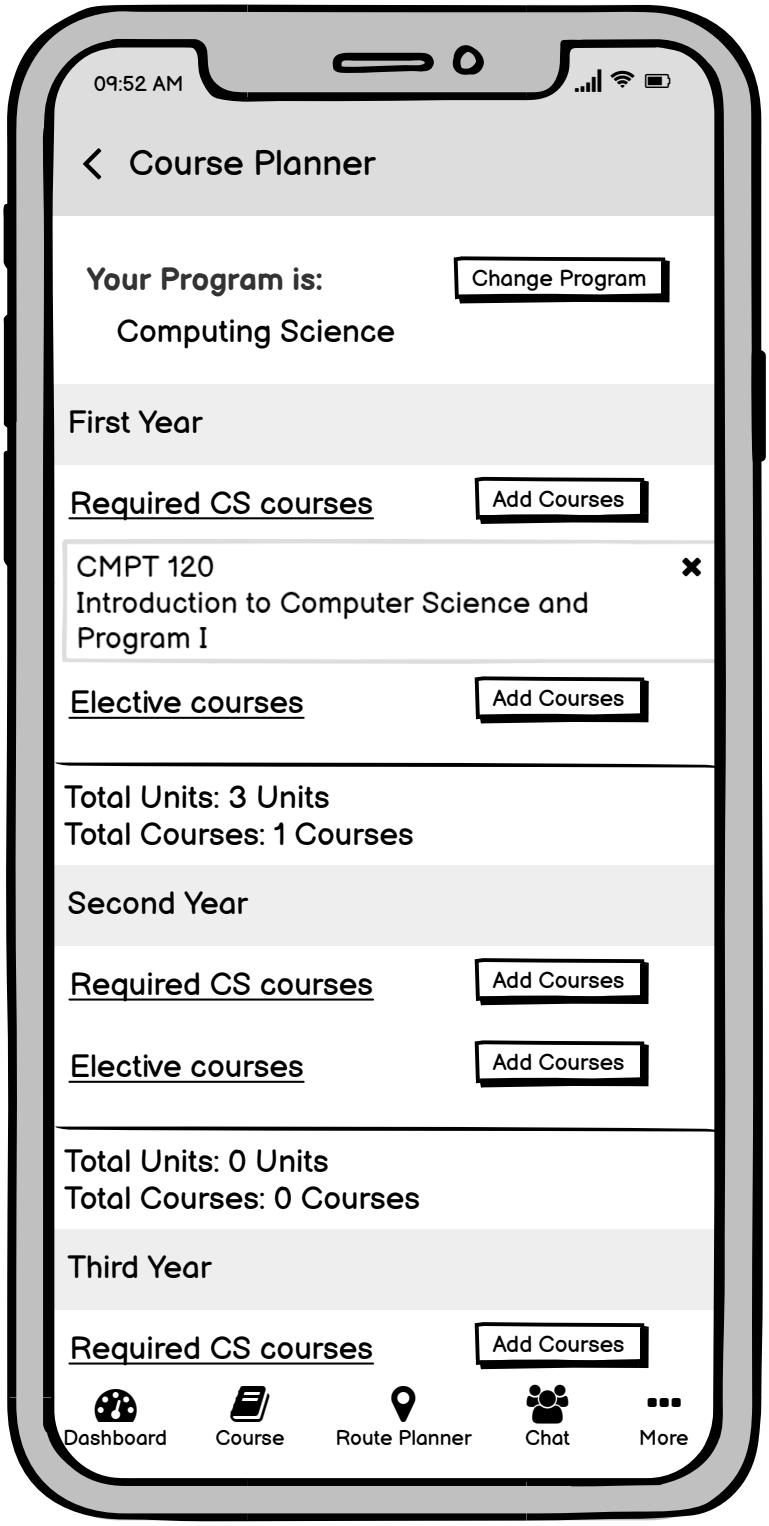
Click "View" to see users' courses planner

Task goal: Add required CS courses CMPT 125 to the Course planner in the first year, so users can make a courses plan for a Computer Science degree four years plan until they graduate.



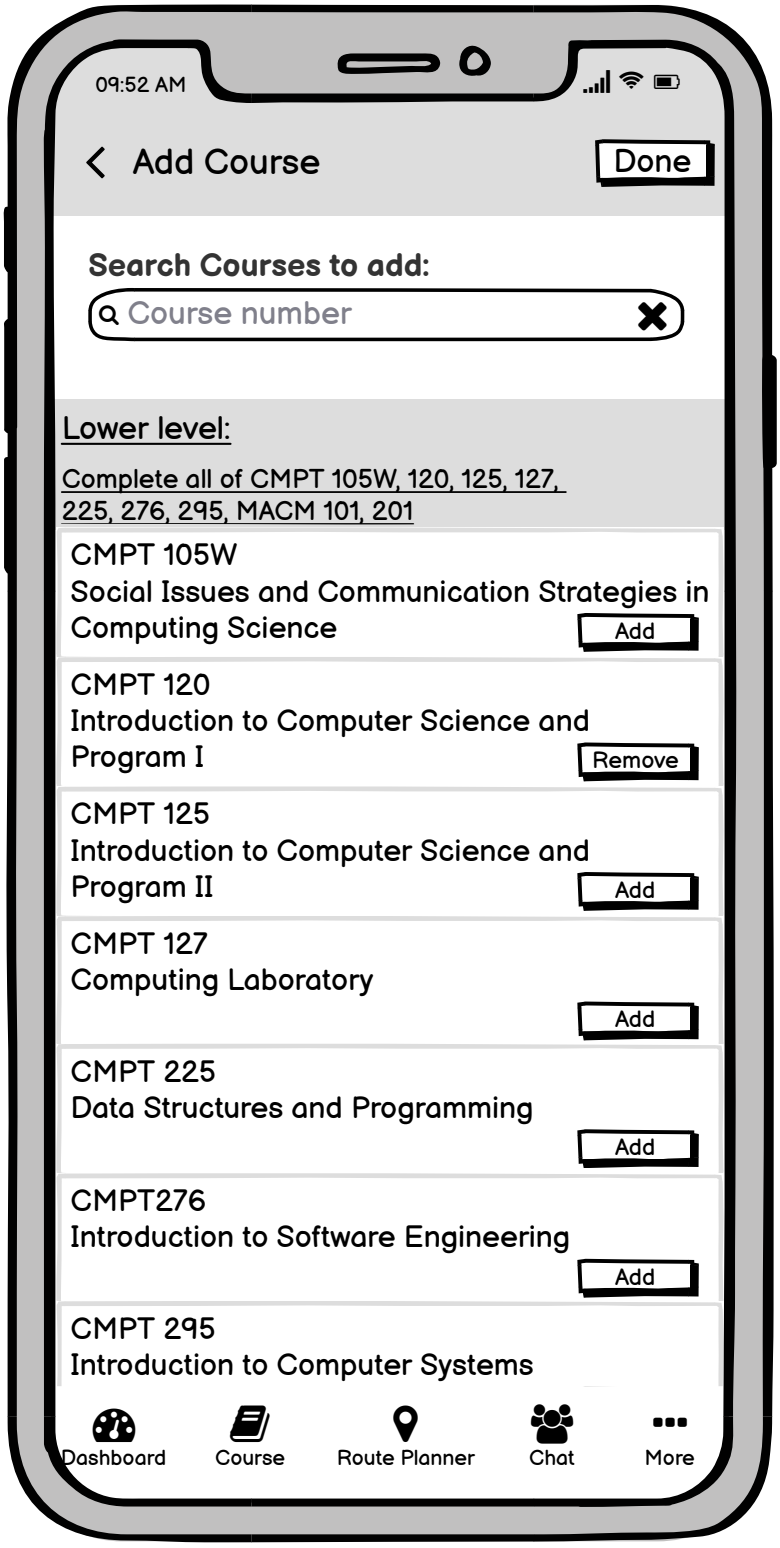
Search to choose users' program when users use it at first time

Task goal: Add required CS courses CMPT 125 to the Course planner in the first year, so users can make a courses plan for a Computer Science degree four years plan until they graduate.



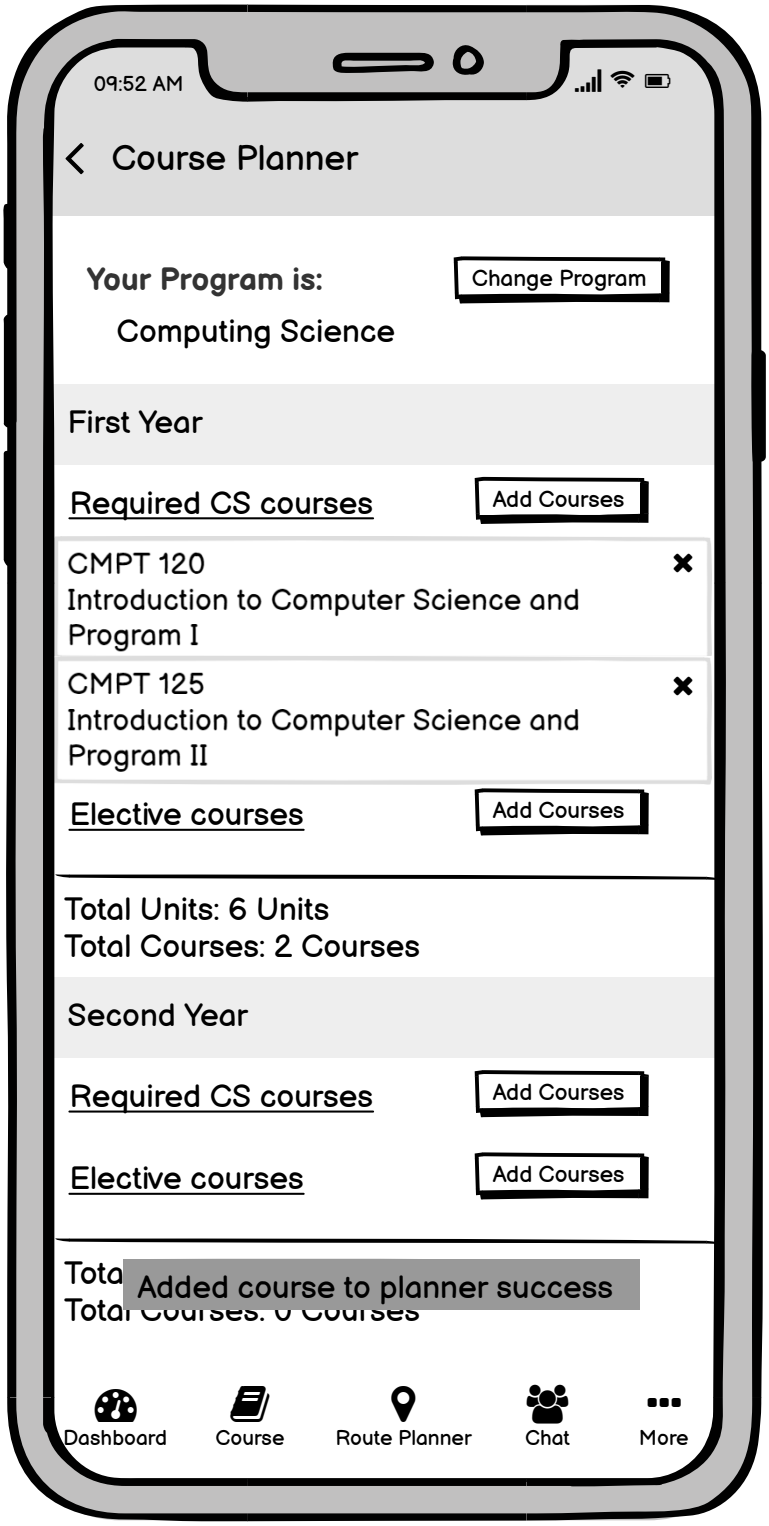
Click on add courses on required CS courses from first year

Task goal: Add required CS courses CMPT 125 to the Course planner in the first year, so users can make a courses plan for four years until they graduate.



Click on add button for CMPT 125 then press done

Task goal: Add required CS courses CMPT 125 to the Course planner in the first year, so users can make a courses plan for a Computer Science degree four years plan until they graduate.



Check if the added courses appear on screen

Task Goal: Create a CMPT 300 group named Team Justice for assignment 1, the group will be joined by approval

Click on Add button for creating Group chat

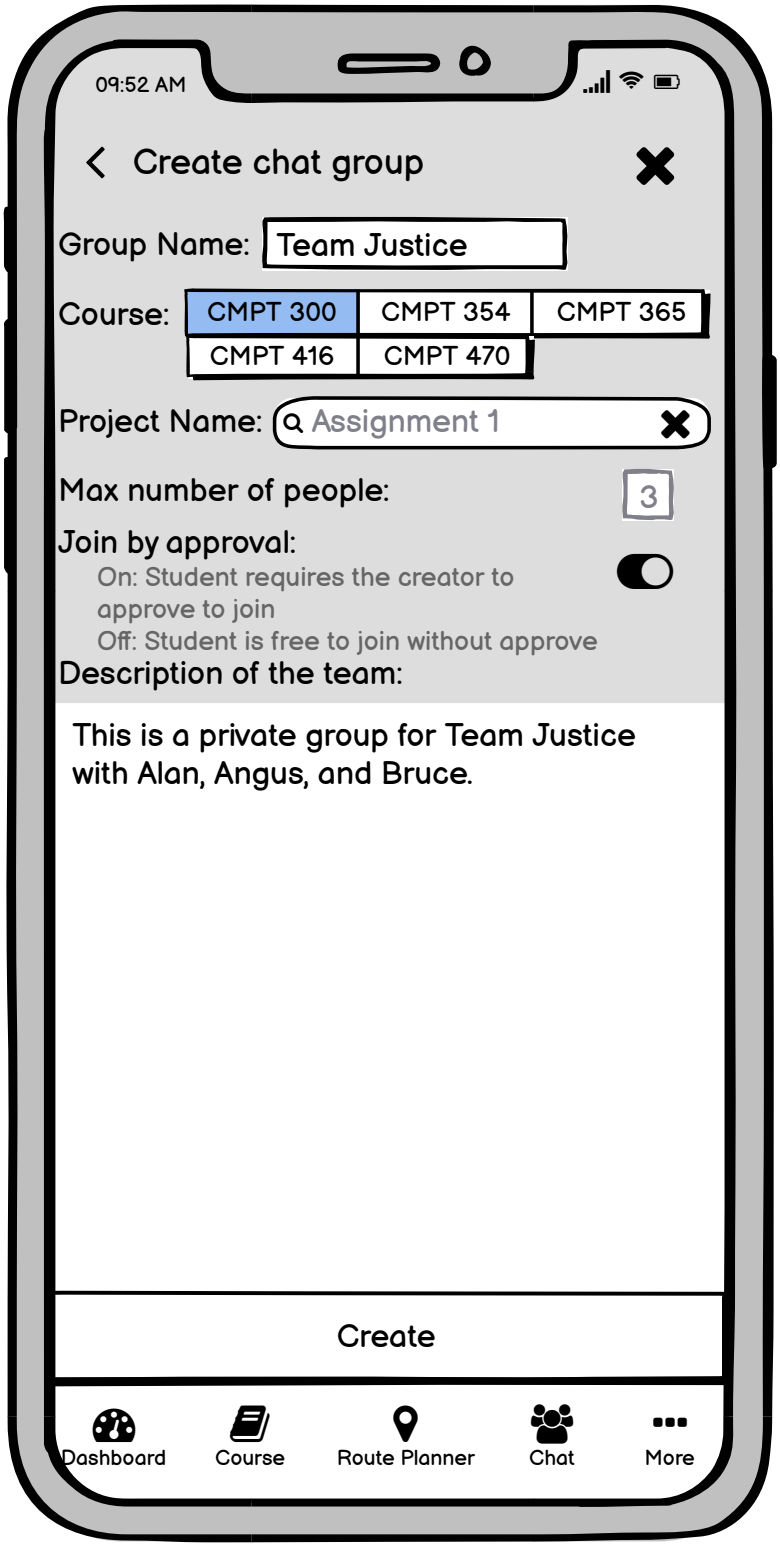
Task Goal: Create a CMPT 300 group named Team Justice for assignment 1, the group will be joined by approval

Click on the group name

Task Goal: Create a CMPT 300 group named Team Justice for assignment 1, the group will be joined by approval

Input the information of the group name, select the course, project name, description of the team and choose to join by approval.

Task Goal: Create a CMPT 300 group named Team Justice for assignment 1, the group will be joined by approval



Click on Create button to create the group chat.

Task Goal: Create a CMPT 300 group named Team Justice for assignment 1, the group will be joined by approval

Click on "Yes" in the Confirmation

Task Goal: Create a CMPT 300 group named Team Justice for assignment 1, the group will be joined by approval

The newly created CMPT 300 Team Justice will wait for students to apply, then alan can approve them to enter the group