

Purpose

A WeChat Mini App for UofT students to generate timetables, manage their courses, and discuss with their classmates online. It is designed to help students save time when they schedule their courses and get in touch with other students, which is especially useful during the pandemic.

Impact

Being in the Post-Pandemic Era makes UofT students feel difficult to get in touch with their classmates. Some classes still hold online, and some other students may have to take online courses due to travel restrictions. While official platforms like Piazza only allow students already enrolled in the course to communicate, and other platforms like Reddit may have unrelated topics, here we provide a new platform focusing on help students discuss course-related topics, ask questions, read official recommendations, and meet new classmates.

At the same time, we realize that every year lots of students spend a great amount of time when choosing courses. The biggest challenge is to find a schedule with no conflicts. In our product, we also provide an auto-scheduler for students to save time when they choose courses.

Function

- Searching courses offered by the university for the upcoming school year
- Providing course list to generate recommended schedule plan with minimum conflict
- Providing a forum for students to ask questions, discuss, and read official tips for all the courses offered for the upcoming school year
- Viewing saved schedule
- Viewing school-related news
- Viewing the map which indicates the locations of the saved courses

Technical Aspects

Design:

- Figma (prototype, icon design)
- Illustrations (PhotoShop, ProCreate)

Front End:

- WXML / WXSS / JavaScript / Vue / RESTful API
- Dynamic pages, no third party component library used
- Specific techniques include: search, display list, components, tab bar, etc.

Back End:

- Database: WeChat Cloud Base (JSON)
- Cloud Functions (API): JavaScript
- Scrape: Python