

YorkU Scheduling Tool

Group #3

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YorkU Scheduling Tool Vision Statement

'YorkU Scheduling Tool' is a web application designed to optimize the experience of building your course schedule for an academic session. The site will generate schedules based on their courses and other preferences. It will also streamline other aspects of the course enrollment process to allow users to get all the information they need in one place.

This tool is meant to be used exclusively by York University students during their course selection. The student will be able to search for courses which are available, and they will be able to access all public information about the course. Then they will allocate the time for each activity in the course or use suggested times. Based on all information the user has provided, schedules will be algorithmically generated.

Outside of timing, our site aims to incorporate other considerations for students when building the schedules. One of these is peer opinions on the course and their experiences with the instructor, which is currently accomplished through word-of-mouth or searching on social media. Another is social features, which would allow users to directly compare their schedules with friends to easily ensure common courses or breaks.

For compatibility and ease of access, we plan to make a web application suitable for personal computers and phone browsers. Web development also creates an opportunity for the use of libraries for interactive and smooth user interfaces.

The purpose of this web app is to create an alternative to the existing process of building a schedule, which requires students to navigate through many different resources. Our all-in-one tool aims to reduce the existing stresses and frustrations associated with course enrolment at York University.

This success of our application will be considered a success based on two metrics. The first and most important is that users find our system more convenient to use than the existing ones. The second metric is that we hope to reduce the time it takes to build a schedule from start to finish by 30%(?) on average.

Big User Stories:

Plan With Friends

As a student, I want to easily plan my schedule in parallel with my friends. I want to see their schedules compared directly with mine.

Priority: high

Cost: 10 days

Create Specific Schedule

As a student, I want to be able to build a schedule based on the courses I add and various other personal preferences.

Priority: high

Cost: 9 days

Course and Professor Insights

As a student, I want to access insights from my
peers on instructors and course content. I would
also like to leave my own insights for future
peers taking the same courses/instructors.

Priority: high

Cost: 9 days

User Stories Iteration 1:

Personal Scheduling Preferences

As a student, I'd like to be able to block out
times for courses,

Priority: high

Cost: 0.5 days

Calendar Interface

Be able to display, at a glance, a user's weekly
schedule.

Priority: high

Cost: 0.5 days

Account System

Create an account to save user information between sessions. Also fetch information when logging in.

Priority: high

Cost: 0.4 days

Social Connections

Allow users to be able to connect with their friends. Keep a record of this in the account.

Priority: medium

Cost: 0.35 days

Schedule Statistics

Display statistics on how long a user may spend
per day in class and between classes.

Priority: low

Cost: 0.15 days

Leaving Ratings

Allow users to leave ratings on courses for
future students to view and see reviews from
peers.

Priority: medium

Cost: 0.20 days