

# **YuLookUp**

Team Number 5

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## Vision Statement

York University Look Up (YuLookUp) is a Java-based application used to facilitate course referencing and student record-keeping. It will be used primarily by students to easily find course details.

The primary function of the tool is to serve as an easy-to-navigate course lookup. Similar to the current York University Courses website, YuLookUp will allow users to find course descriptions based on department, year level and course codes.

The course lookup feature will be designed to match an interface everyone is extremely familiar with, the google search engine. Instead of bothering with figuring out the program's setup, one can simply just begin typing into a search bar to find what they're looking for, whether it being a course or the major.

The course lookup also features the ability to lookup courses based on a specific major and displays a visual overview of all the courses related to that major. With that visual display, students can also determine course prerequisites quickly by clicking on the course and having its prerequisites light up.

YuLookUp will also contain an important aspect of User Profiles allowing tailored results within the program. With a built-in GPA calculator YuLookUp will be able to calculate and store the GPA point scales, as well as provide the user with the ability to add more courses to update the GPA.

In the Iteration 1 prototype of the project, features mentioned above such as course lookup methods and a GPA calculator would be available for use. In future versions of the program, more tailored features such as yearly schedule builders that organise the courses the user has to take per year based on what they have taken so far, and an optimised platform to connect with Advisors.

YuLookUp will also help students to connect with advisors. The current solution uses Qless to book a zoom appointment with an advisor. As developers of this system, we want to reduce friction in the course enrollment process. Consequently, YuLookUp packages everything in one place

The program will not only be used by students, but by advisors as well. Which is why one of the program's vital features is the ability to export saved data the user has inputted, in order for an advisor to validate and help the students with more personal matters.

The use of this program would be a huge milestone for improving a student's or advisor's process during course enrollment. As during times such as the beginning or the end of the year when course enrolment is required, the ability to look up course information is vital. With the present course information site offered by the university, the amount of time wasted trying to navigate an ineffective interface and slow website hinders the ability for students to smoothly navigate through. Therefore our program is focused on improving the efficiency of course lookup.

The project's success will be measured through a user satisfaction survey. Given that the program is focused on decreasing the amount of time it takes to access course information, if the amount of time the students' take to look up courses has decreased then our program is succeeding. Finally, If the users prefer to utilise the program over the current basic option offered by the university then another successful milestone has been crossed.

# Big User Stories

## Course Search

### View Course Info and Prerequisites Quickly

As a student I would like to quickly search information and prerequisites through a pre-built list of courses I have to take

Priority: High Cost: 12 days

### Filterable List

As a student, I'd like to be able to filter any search results based on factors including but not limited to faculty, semester offerings, and prerequisites

Priority: Medium Cost: 8 days

### Majors List

As a student, I'd like to be able to view a multi-column list of all required courses in my program of study

Priority: Medium Cost: 4 days

## Course Planning

### Yearly Schedule Planner

As a student I would like to have a custom outline of the future course I have to take to graduate after inputting the courses I already took

Priority: High Cost: 12 days

### Semester planner

As a student I would like a better Visual Schedule Builder than the one provided by the university

Priority: medium Cost: 12 days

### Connecting with an Advisor

As a student, I'd like to easily be able to connect with an advisor on one platform (platform -> zoom) instead of jumping from one program to the other (Qless -> email -> Zoom)

Priority: medium Cost: 4 days

## User Profiles

## GPA Calculator

As a student I would like a more efficient/convenient GPA calculator to calculate what grades I need for my future courses, especially my GPA for my major specific courses.

Priority: Medium      Cost: 4 days

## Academic Standing

As a student I want to see my academic standing including GPA, course credits, my degree progress and associated academic decisions related to my performance during a semester or school year

Priority: Medium      Cost: 6 days

## Exportable Profile

As a student , I'd like to export my profile details, in order to validate my schedules and other information with an advisor, who will use the software to also view the exported profile

Priority: Low                      Cost: 2 days

## Detailed User Stories

### Big User Story: View Course Info and Prerequisites

|   |   |
|---|---|
| <b>Search Up Courses Based On Code Or Title</b>               | <b>Find a Description Of a Course</b>       |
| Retrieve courses and course information through a search bar. | View a detailed description of each course. |
| Priority: High      Cost: 6 days                              | Priority: High      Cost: 6 days            |

### Big User Story: Majors List

|  |   |
|--|---|
| <b>Quickly Determine Course Prerequisites</b>                                    | <b>Course Overview of Major</b>                               |
| Visually determine course prerequisites from a column-like structure of courses. | Get a quick overview of the available courses based on major. |
| Priority: High      Cost: 2 days   | Priority: High      Cost: 2 days                              |

### Big User Story: GPA Calculator

|  |   |
|--|---|
| <b>Display Total GPA</b>                     | <b>Display Session-Specific GPA</b>                               |
| Show the total GPA of all the courses taken. | Show the GPA associated with a session (ex. summer, winter, fall) |
| Priority: High      Cost: 2 days             | Priority: High      Cost: 2 days                                  |

|  |
|--|
| <b>Display Major Specific GPA</b>                    |
| Display GPA of courses that are mandatory for major. |
| Priority: High      Cost: 2 days                     |

## **Customer meeting's summary video**

Link to summary video:

<https://youtu.be/azjRKXufjVE>

Link to Github:

<https://github.com/walido2001/EECS2311Group5>