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

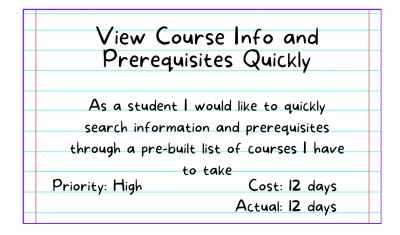
The program will not only be used by students, but by advisors as well. Which is why one of the program's vital features is the ability to export saved data the user has inputted, in order for an advisor to validate and help the students with more personal matters.

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.

Course Search

Big User Story: View Course Info and Prerequisites Quickly



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

Big User Story: Filterable List

Filterab	le Lists
As a student, I'd like	to be able to filter
any search results base	d on factors including
but not limited to	faculty, semester
offerings, and pre	requisite checks.
Priority: Medium	Cost: 8 days

Filton Isaaad s	- don au Luco - L		4.
Filter based on department		Filter based	on credit size
Filter search re	esults based on	Filter search resu	alts based on credit
department type of the course. Eg. only			irse. E.g. only show
show "EECS" co	urses from a list		dit amount "3.00"
Priority: High	Cost: 2 days	Priority: High	Cost: 2 days
	Actual: Y days	, ,	Actual: 4 days

-		
	Filter based	on year level
		•
	Filter search resul	ts based on student
	year level. E.g o	nly show courses
		XX" level courses
	Priority: High	Cost: 2 days
	, ,	Actual: Y days
		·

Big User Story: Majors List

Majors List	
As a student I'd lik	e to be able to view
a multi-column list	of all the required
courses in my pr	rogram of study.
Priority: Medium	Cost: 5 days
	Cost: 7 days

Quickly Determine Course Prerequisites	Course Overview of Major
Visually determine course prerequisites	Get a quick overview of the available
from a column-like structure of courses.	courses based on major.
Priority: High Cost: 2 days	Priority: High Cost: 3 days
Actual: 3 days	Actual: 4 days

Course Planning

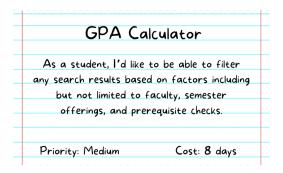
Big User Story: Yearly Schedule Planner

-		10
	Yearly Schedule Planner	
	As a student I would like to have a custom	
	outline of the future courses I have to take	
	to graduate after inputting the courses i	
	already took	
	,	L
		L
	Priority: High Cost: 12 days	L

D: 1 11	Display a customized yearly
Display a 4 year schedule of	schedule of leftover courses
Display a 4 year schedule of leftover courses	Scricagic of ict cover courses
	As a student, I'd like to see a
As a student, I'd like to see a Y colum	customized yearly schedule listing the
table, with each column referring to a	remaining courses I can take every year,
year of study, listing the remaining	not including what I've already taken.
courses I have to take	The including what I ve all carry taken.
Priority: High Cost: 2 day	
Actual: 2 day	Actual: 2 days

User Profiles

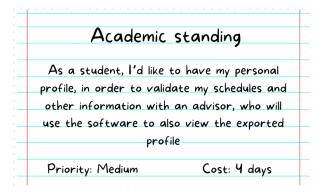
Big User Story: GPA Calculator



Display Total GPA		Display Major specific GPA	
I want to be able to	provide the courses	When I have provid	ed the course that I
that I have taken and have my total gpa		have taken I want the Gpa of courses	
Calculated along	with total credits	specific to my Majo	or to also be shown.
Priority: High	Cost: 4 days	Priority: High	Cost: 2 days
	Actual: Y days	, ,	•

Display Session	specific GPA
. ,	·
When I have provided	my courses taken l
wanted an additional f	ield that corresponds
to my Gpa in every	academic session
, .	
Priority: Low	Cost: 2 days
•	,

Big User Story: Academic Standing



Add cour	ses taken	See the list	of courses
		ta	ken
As a student, I wan	t to add the courses	As a student, I wa	nt to see the list of
I have taken along with the mark I got.		courses I hav	e taken so far.
Priority: High	Cost: I day	Priority: High	Cost: I day
, ,	Actual: 2 days		Actual: 2 day

See the numb	per of credits
Occ circ manne	1-1-1
Comp	letea
•	
As a student, I wa	ant to see the total
number of credits	completed based on
the cour	ses taken.
Priority: Low	Cost: I day
,	Actual: I day
	· I

Big User Story: Exportable Profiles

Exportab	ole Profile
As a student , l'	d like to export my
profile details, in o	order to validate my
schedules and other	r information with an
advisor, who will u	use the software to
also view the	exported profile
Priority: Low	Cost: 2 days

Export a	profile as a	Import a profile in the		
	N file d like to export my	form of JSON As a student, I'd like to import the		
	store it locally as a	JSON file containing my profile details		
JSC	N file	and be able to start where I left off		
		the	last time	
_				
Priority: Low	Cost: I days	Priority: Low	Cost: I days	

Changes in Iteration 2

New Features

- Added the ability to filter course search results (Big User Story: Filterable Lists)
- Added the schedule builder (Big User Story: Yearly Schedule Planner)
- Added a default user profile (Big User Story: Academic Standing)
- Added a local mySQL database storing course data (Database Integration)

Improvements

- Added 2 more majors to the Majors List View feature (Big User Story: Majors List)
- Improved the UI of GPA calculator feature (Big User Story: GPA Calculator)
- Improved the ability to add multiple courses to calculate the GPA (Big User Story: GPA Calculator)

Big User Story Changes

- Removed "Semester Planner" and "Connecting with an Advisor" big user stories due to time constraints and low priority (Details in the log)
- Modified detail user stories of "Filterable Lists" Big User Story
- Modified detail user stories of "Exportable Profiles" Big User Story
- Adjusted expected/actual costs of certain stories

Customer meeting's summary video

Link to summary video: https://youtu.be/azjRKXufjVE

Link to Github:

https://github.com/walido2001/EECS2311Group5