

McGill ECSE Degree Visualizer User Manual

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Accessing the prototype

The prototype for the “McGill ECSE Degree Visualizer” can be found on Figma by accessing the following link: <https://soft-semifreddo-caabe9.netlify.app/>

Documentation

Main Menu

The opening webpage for the software is the main menu. There are three options: Login, Create Account, and Programs & Curricula. For users who have previously made accounts, they may simply login. Otherwise, users should create an account in order to access the full functionality of the software. The “View Majors and Minors” option is useful for prospective students or students simply looking for information about the different ECSE programs and would not like to go through the process of creating an account.

MCGILL UNIVERSITY ECSE DEGREE VISUALIZER

VIEW MAJORS AND
MINORS

LOGIN

CREATE ACCOUNT

Login

Email and password are required for login. Users will be able to access their accounts if they input the correct information. The Back button takes the users back to the previous page. This behaviour is the same for all pages.

MCGILL UNIVERSITY ECSE DEGREE VISUALIZER

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LOGIN

Create Account

In order to create an account, users should input their information and submit it.

MCGILL UNIVERSITY ECSE DEGREE VISUALIZER

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CREATE ACCOUNT

Degree Visualizer

The degree visualizer is the main part of the system. The software allows users to organize and plan out the courses they will take over time, all while keeping track that all requirements are met (i.e. total credits achieved, pre/co-requisites,...)

DEGREE VISUALIZER

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VIEW REQUIREMENTS 0/140 Credits

SUMMER 2022 3 credits ▼	FALL 2022 0 credits ▲	WINTER 2023 0 credits ▲
<div>COMP 202</div> <div>+ ADD COURSE</div> <div>Delete Semester 🗑️</div>		

+ ADD SEMESTER

SAVE

This is where the main functionality lives. Users can see how much of their degree is completed with the progress bar.




The table headers outline the credits that will be completed in each semester. The rows can be minimized and maximized for better viewing.

WINTER 2021 17 credits ▲	SUMMER 2021 16 credits ▲	FALL 2021 15 credits ▲
--------------------------	--------------------------	------------------------

New blocks can be added or deleted to the table with the following buttons:

+ ADD SEMESTER

Delete Semester 

ADD SEMESTER



SEASON

FALL WINTER SUMMER

YEAR

ADD

Before deleting a semester, an alert will appear asking the user to confirm.

Are you sure you'd like to delete the semester
SUMMER 2022? This action cannot be undone!

CANCEL

CONFIRM

Courses can be added to each semester with the following buttons:

+ ADD COURSE

ADD COURSE



SELECT A COURSE

Course

COMP 202

X

▼

ADD

By clicking on a course, the following window will appear showing all relevant details. From this window, a user can update the course status or remove it from its planner.

COMP 202



Title: Foundations of Programming

Credits: 3

Type: Required

Prerequisites:

Restrictions:

Status: Incomplete

Update

Remove Course

Requirements towards graduation can be seen by clicking the following button:

VIEW REQUIREMENTS

PROGRAM REQUIREMENTS

Major: No Major

**Unfulfilled
Credits:** 0/140

Remaining Required Courses:

- CIVE 281
- COMP 202
- ECSE 200
- MATH 262
- MATH 263
- ECSE 205
- ECSE 206
- ECSE 210
- ECSE 211
- ECSE 251
- FACC 100
- ECSE 250
- ECSE 222
- ECSE 362
- MIME 262
- COMP 206
- ECSE 307
- ECSE 324

Changes made to the degree can be saved by clicking the following button:

SAVE

Degree Options

Users will be able to select their preset majors and minors via the degree options page and view their respective curricula.

MAJORS & MINORS

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- VIEW ECSE MAJORS
- VIEW ECSE MINORS
- VIEW NON-ECSE MINORS

Users without accounts or are not logged in will also be able to access this page through the “View Majors and Minors” button on the main menu. However, functionality will be limited and there is no access to any personal information.



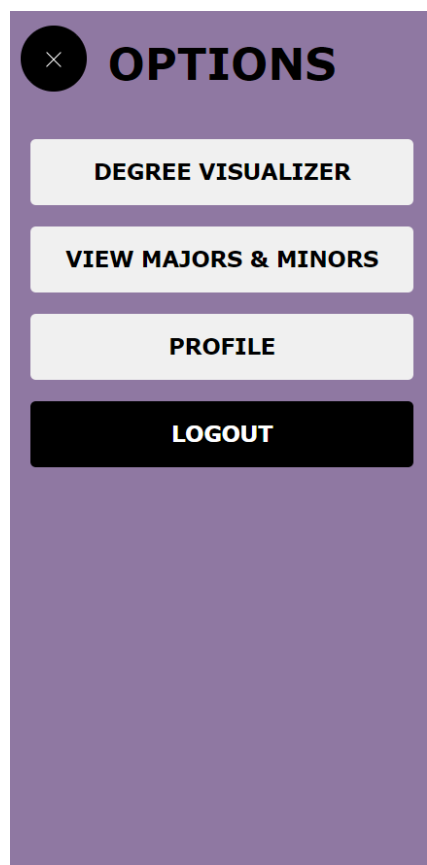
MAJORS & MINORS

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- VIEW ECSE MAJORS ^
 - ELECTRICAL
 - COMPUTER
 - SOFTWARE
- VIEW ECSE MINORS ^
 - ELECTRICAL
 - SOFTWARE
- VIEW NON-ECSE MINORS ^
 - ARTS
 - ENGINEERING
 - EDUCATION
 - ENVIRONMENT

Options Menu

There are several possible options for users that become available with the Options Menu dropdown. Users can navigate to the majors and minors page from here, return to the degree visualizer, edit their profile, or logout.




Profile Page

Users can access their profile information and modify them via the user profile page.



USER PROFILE

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First Name:	<input type="text" value="John"/>
Last Name:	<input type="text" value="Do"/>
Email:	<input type="text" value="jd@mcgill.ca"/>
Password:	<input type="password" value="**"/> 
Major:	<input type="text" value="Software"/>
Minor(s):	<input type="text" value="Economics"/>

CANCEL

SAVE