

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://www.figma.com/file/TOSK6hRUnkWISUhLOzWzWq/Prototype?node-id=0%3A1>

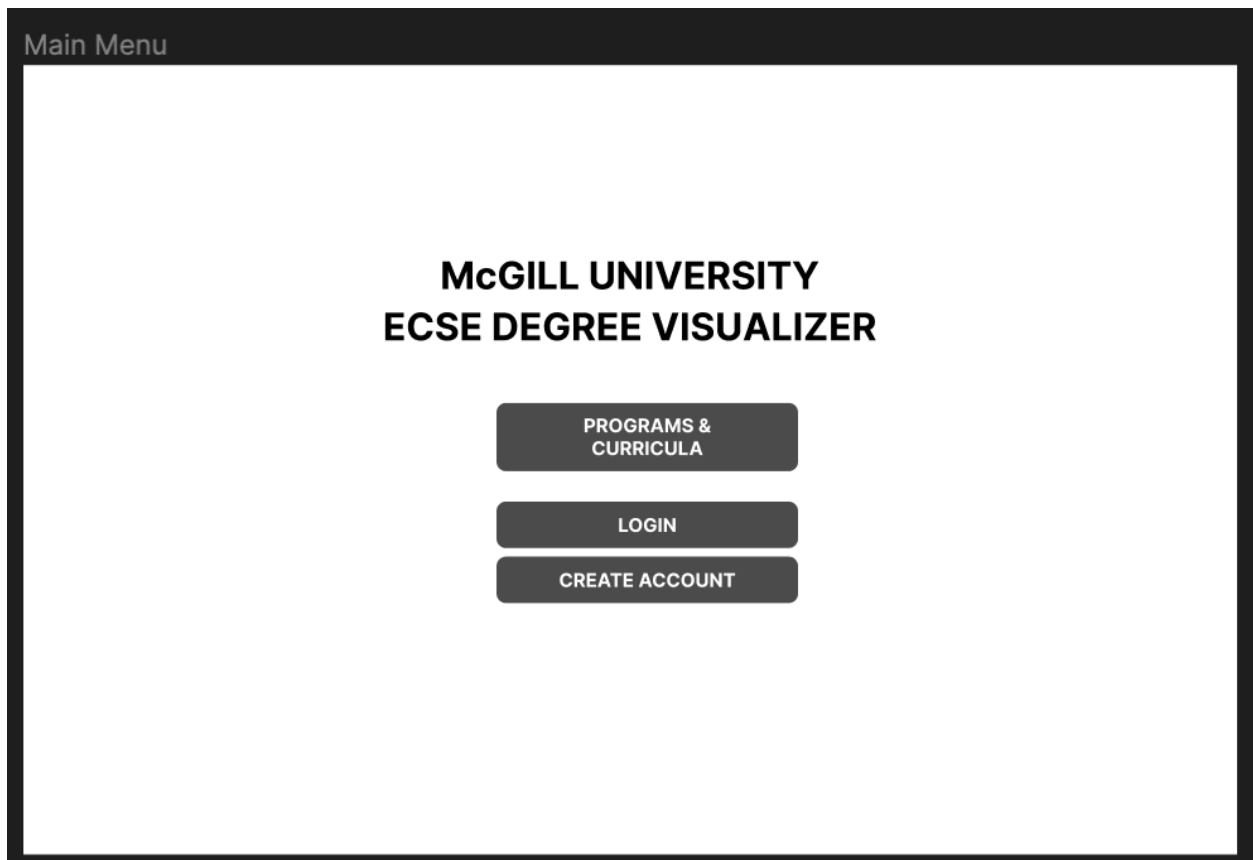
Use the “Play” button to begin the simulation.



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 “Programs & Curricula” options is useful for prospective students or students simply looking for information about the different ECSE programs and majors and would not like to go through the process of creating an account.



Login

Email and password are required for login. Users will be able to access their accounts if they input the correct information.

Login

McGILL UNIVERSITY
ECSE DEGREE VISUALIZER

Email

Password

LOGIN

Create Account

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

Create Account

McGILL UNIVERSITY
ECSE DEGREE VISUALIZER

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,...)

The screenshot shows the 'Degree Visualizer' interface. At the top left is a hamburger menu icon. The title 'DEGREE VISUALIZER' is centered. Below it is a 'Manage Degree Options' button and a progress bar showing '70/120 Credits'. The main area contains a table with three columns for semesters: FALL 2023 (18 credits), WINTER 2024 (15 credits), and SUMMER 2024 (16 credits). Below these are rows for FALL 2024 (9 credits), WINTER 2025 (0 credits), and SUMMER 2025 (0 credits). The FALL 2024 row is expanded, showing a list of courses: ECSE 202, ECSE 205, and Technical Complementary (with an edit icon). Each semester column has a '+ ADD COURSE' button. At the bottom right is a '+ ADD NEW YEAR' button.

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.

FALL 2023 18 credits ▼	WINTER 2024 15 credits ▼	SUMMER 2024 16 credits ▼
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New rows can be added to the table with the following button:

+ ADD NEW YEAR

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

+ ADD COURSE

The degree majors and minors can be set using the following button: (This will open a separate webpage)

Manage Degree Options

Technical Comp. courses can be selected using the crayon button:

Technical Complementary



Degree Options

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

Degree Options

DEGREE OPTIONS

< BACK TO VISUALIZER

MAJOR	Software Engineering (B.Eng.)	
MINOR	Management	

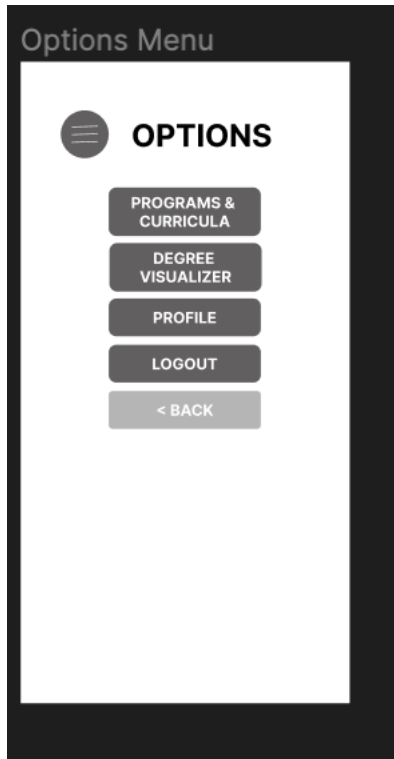
VIEW ECSE MAJORS

VIEW ECSE MINORS

VIEW NON-ECSE MINORS

Options Menu

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



Technical Complementary Menu

This is a popup that comes up for users when they click on the crayon button in the degree visualizer. They can scroll through all possible courses with the scroll bar and select one. This will update the degree visualizer table with the selected course.

