

# CourseFlex

Team Number: 37

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## PROJECT DESCRIPTION

We are recreating the current UofT course finder. Our goal is to incorporate a more flexible and diverse search engine with a user friendly interface. A major problem with the current course finder web application is that the search is limited to very few filters. For example, you can only search per program, therefore we want to remove this restriction and expand the search criteria. Some new filters we plan on adding are time slot, term, professor, POST and so on. In addition to this, a new component we will be implementing is the ability to create a personal account where students can keep track of courses that have grasped their interest. Every time a student shows interest in a course, it will be recorded as a "flex" so that others can view the popularity of that course. A 5 star rating system will also be an option for every course. Students that have taken that particular course can rate the course based on different components such as workload, difficulty and professor. With this information, we can widen our collection of filter options. For instance, searching courses with a workload rating of 3 stars or less.

Things to get done for P0, P1, P2:

- Frontend: Help, About Us, Log in, Sign up, Profile
- Backend: user database, start courses database

## FEATURES AND REQUIREMENTS

Search Filter (17):

- X time (by hour and day)
- X term
- X instructor
- X breadth requirements
- X popularity (by # of flexes)
- X keyword (tag)
- X half vs full credits
- X level (ex 100, 200..)
- X program/ focus
- X type of course (capstone, research, online, pass/fail)
- X combination of program/focuses
- X professor (5 star rating system)
- X course workload history (5 star rating system)

- ✗ course difficulty (5 star rating system)
- ✗ POST (minor, major, specialist)
- Search button
- ✗ Users can search by combining filters

#### Profile (10):

- full name
- username
- password
- profile picture
- current schedule
- POST
- list of flexed courses
- Log out button
- ✗ Edit list of flexed courses
- Edit profile button

#### Flexes (similar to facebook "likes") (3):

- ✗ keep track of number of flexes per course
- ✗ use for popularity filter
- ✗ have a muscle emoji as a button

#### Course Descriptions (18):

- course code
- year
- type of course (capstone, research, online, pass/fail)
- breadth requirements
- ✗ # of flexes
- prerequisites
- co-requisites
- recommended preparation
- professor
- class size
- currently enrolled

- waitlist size
- location
- time
- activity code (lecture and tutorial code)
- department/division + link to faculty webpage if available
- ✗ flex button
- ✗ 5 star rating info

#### Admin Page (6):

- ✗ Admins can edit and delete user accounts
- ✗ Admins can add and remove search filters
- ✗ Admins can add/delete courses
- ✗ Admins can edit course information
- ✗ Log out
- ✗ Edit Admin account

## WEBSITE MOCKUPS/WIREFRAMES

REGISTRATION PAGE

A Web Page

http://

LOGO

First Name

Last Name

Username

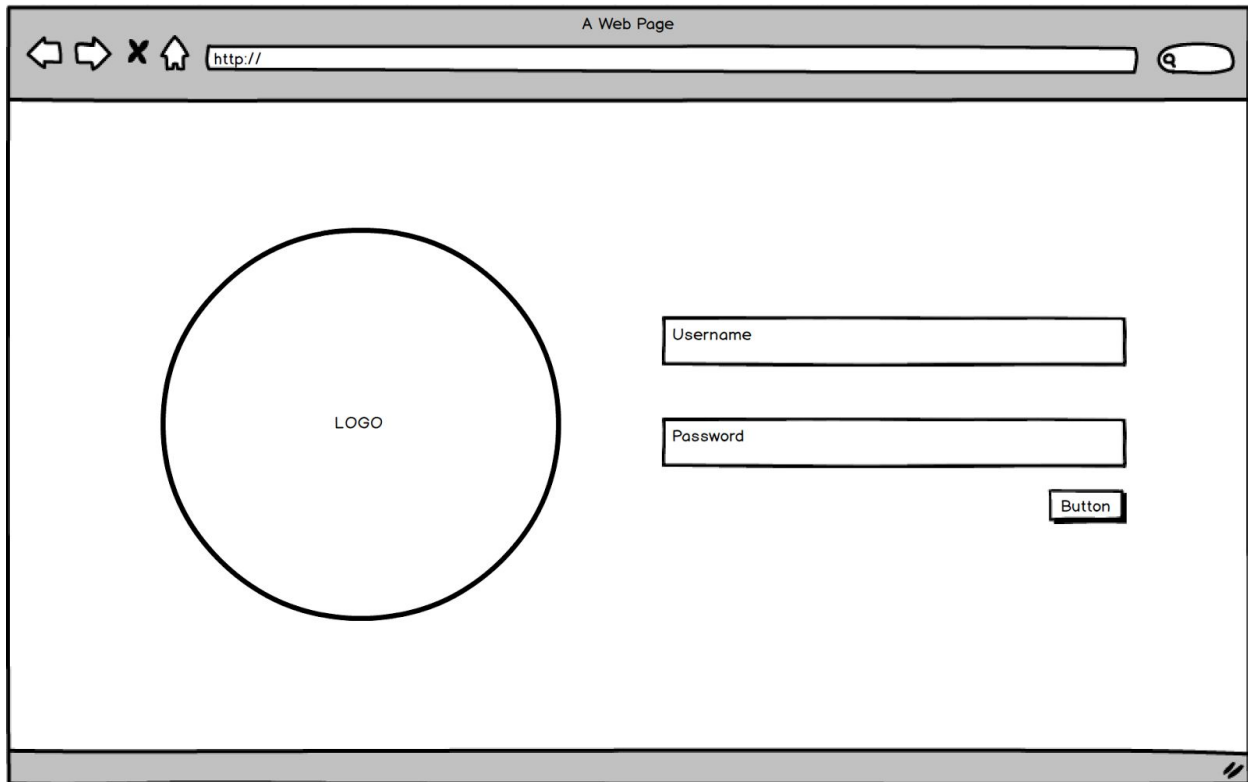
Password

Re-enter Password

Program

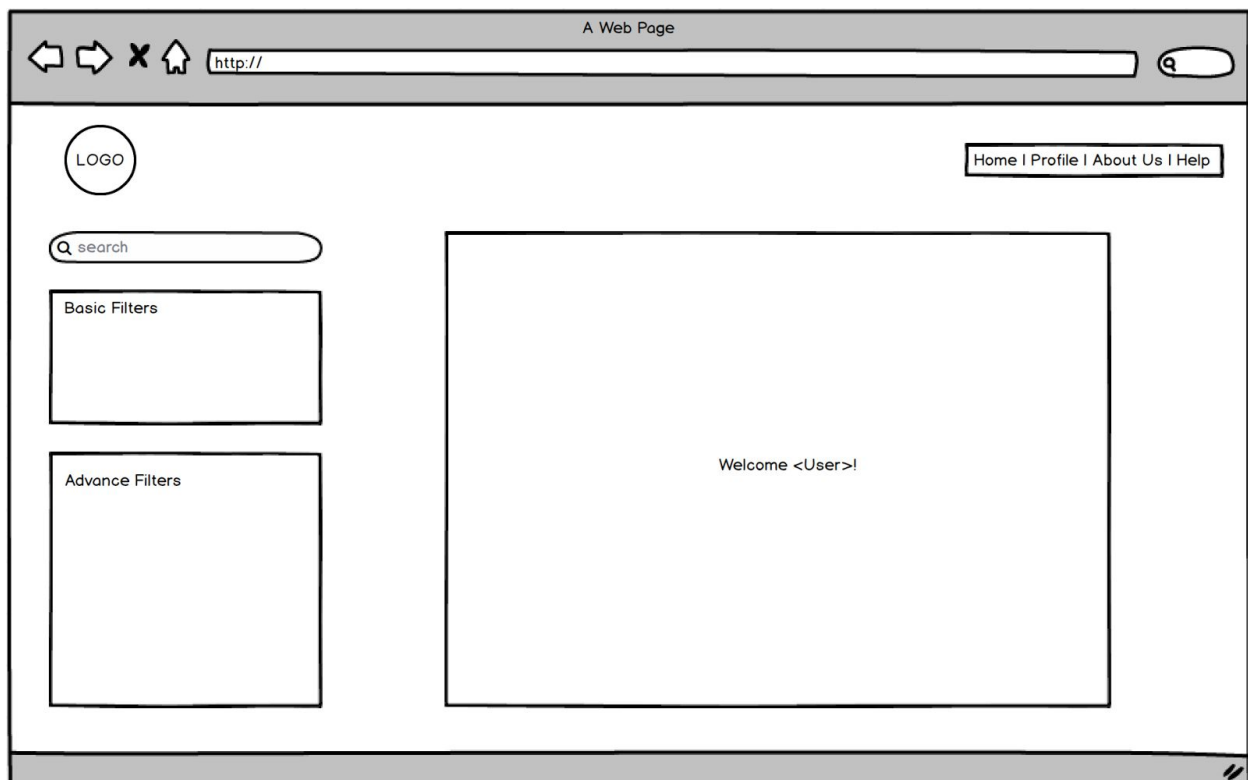
Button

## LOGIN PAGE



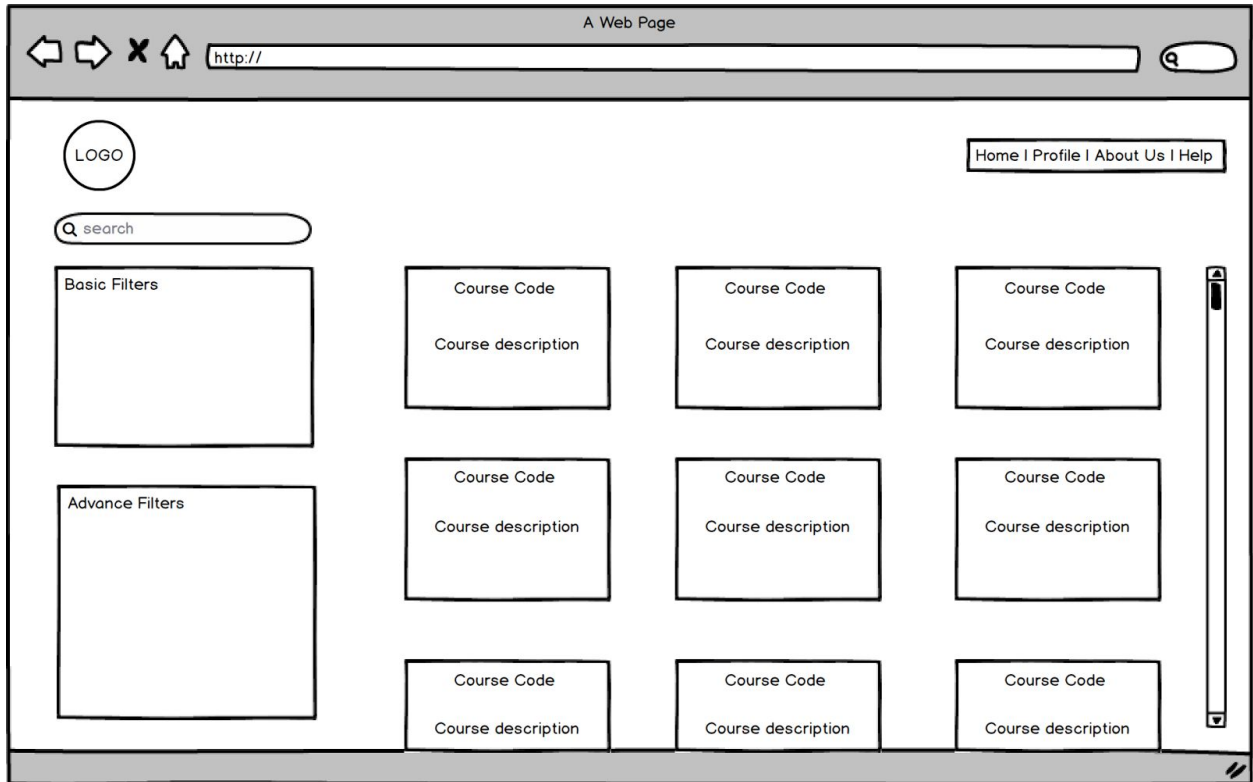
A wireframe of a login page within a browser window. The browser's address bar shows "http://" and the page title is "A Web Page". The main content area features a large circle on the left labeled "LOGO". To the right of the logo are two input fields: the top one is labeled "Username" and the bottom one is labeled "Password". Below the password field is a button labeled "Button". The browser window includes standard navigation icons (back, forward, stop, home) and a search icon in the top right corner.

## HOME PAGE

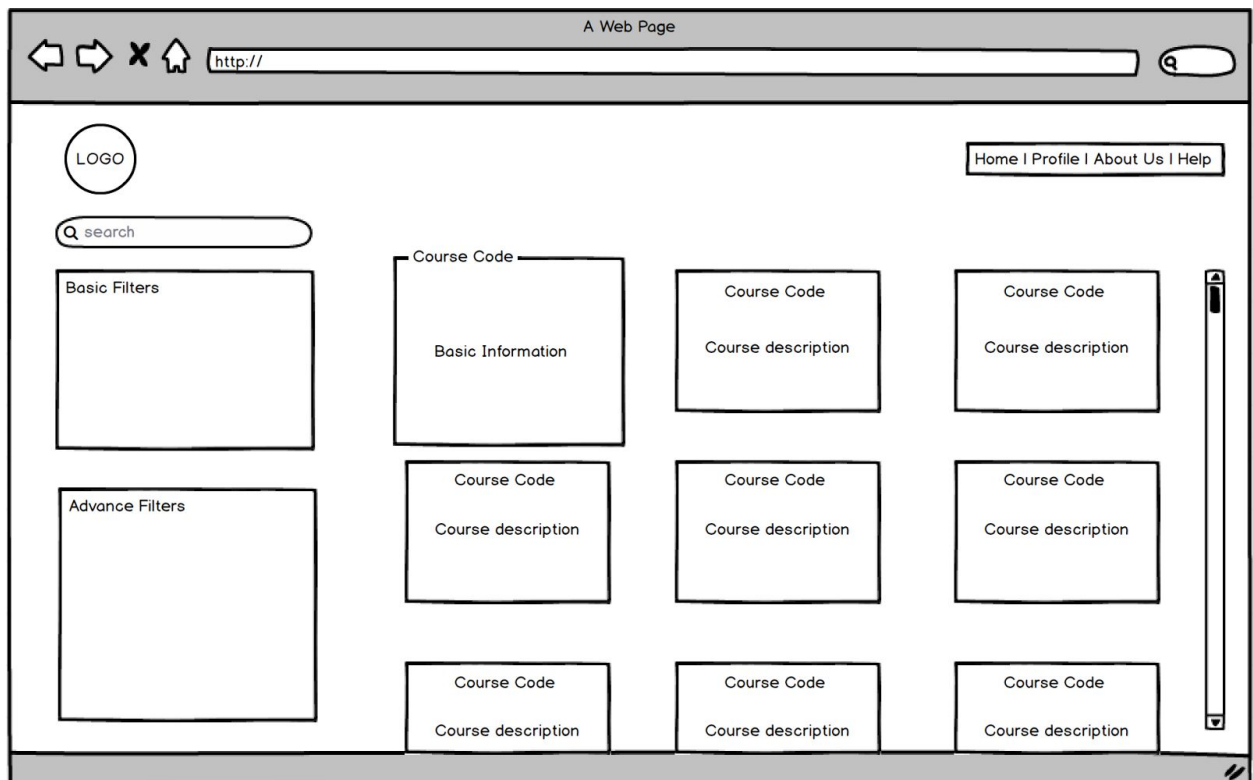


A wireframe of a home page within a browser window. The browser's address bar shows "http://" and the page title is "A Web Page". The main content area is divided into three sections. On the left, there is a circular "LOGO" at the top, followed by a search bar with a magnifying glass icon and the word "search". Below the search bar are two stacked rectangular boxes labeled "Basic Filters" and "Advance Filters". On the right side of the main content area is a large rectangular box containing the text "Welcome <User>!". In the top right corner of the page, there is a navigation menu with links: "Home | Profile | About Us | Help". The browser window includes standard navigation icons (back, forward, stop, home) and a search icon in the top right corner.

## AFTER FILTER PAGE



## HOVERING OVER A COURSE TO SEE BASIC INFORMATION ABOUT THE COURSE



## COURSE DESCRIPTION (AFTER CLICKING ON A COURSE)

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http://

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A Web Page

LOGO

Home | Profile | About Us | Help

Course Name and Code

Course Details

Time Table (colour code by lecture and tutorial)

Student Ratings

## PROFILE

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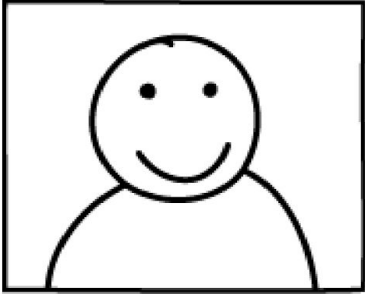
http://

🔍

A Web Page

Profile

Home | Profile | About Us | Help



Kanye West

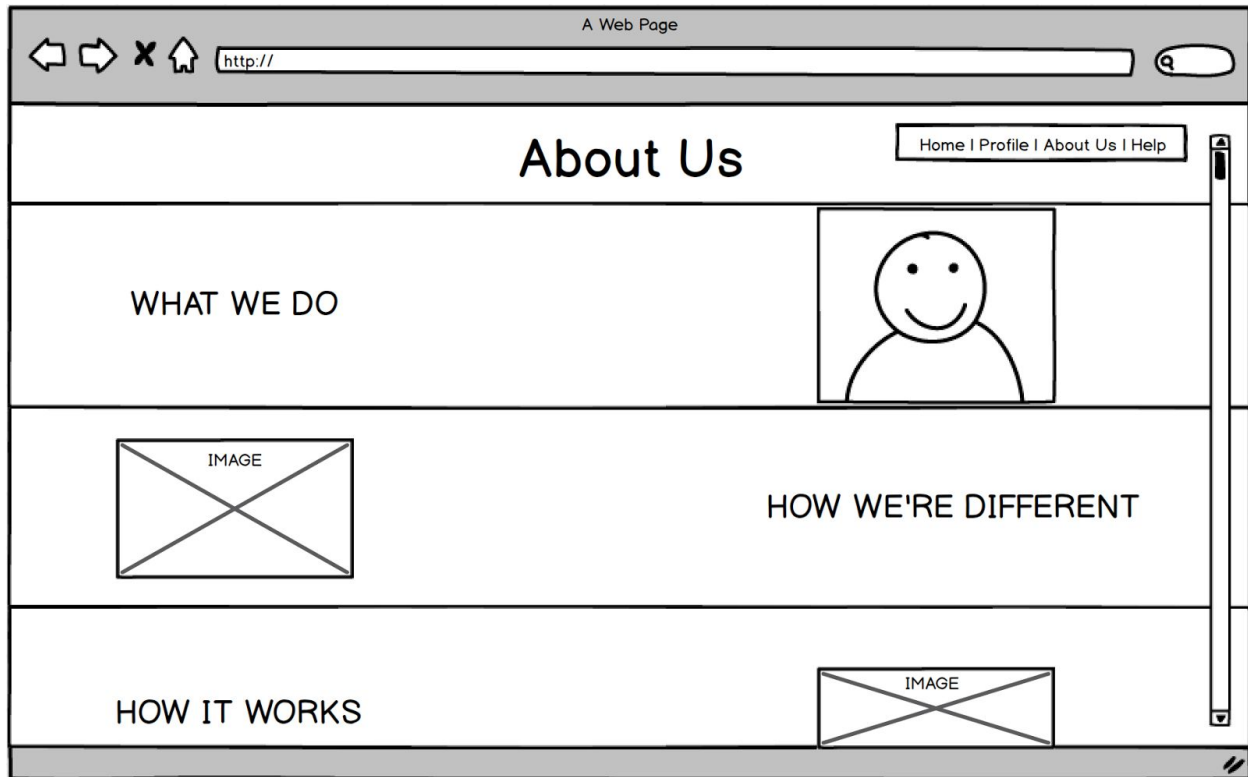
June 8 1977

Program: Musical Genius

Interest:

Course Taken:

## ABOUT US



## HELP/FAQ

