CourseFlex

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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)

X course difficulty (5 star rating system)

X POSt (minor, major, specialist)

O Search button

X Users can search by combining filters

Profile (10):

O full name

O username

O password

O profile picture

O current schedule

O POSt

O list of flexed courses

O Log out button

X Edit list of flexed courses

O Edit profile button

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

X keep track of number of flexes per course

X use for popularity filter

X have a muscle emoji as a button

Course Descriptions (18):

O course code

O year

O type of course (capstone, research, online, pass/fail)

O breadth requirements

X # of flexes

O prerequisites

O co-requisites

O recommended preparation

O professor

O class size

O currently enrolled

O waitlist size

O location

O time

O activity code (lecture and tutorial code)

O department/division + link to faculty webpage if available

X flex button

X 5 star rating info

Admin Page (6):

X Admins can edit and delete user accounts

X Admins can add and remove search filters

X Admins can add/delete courses

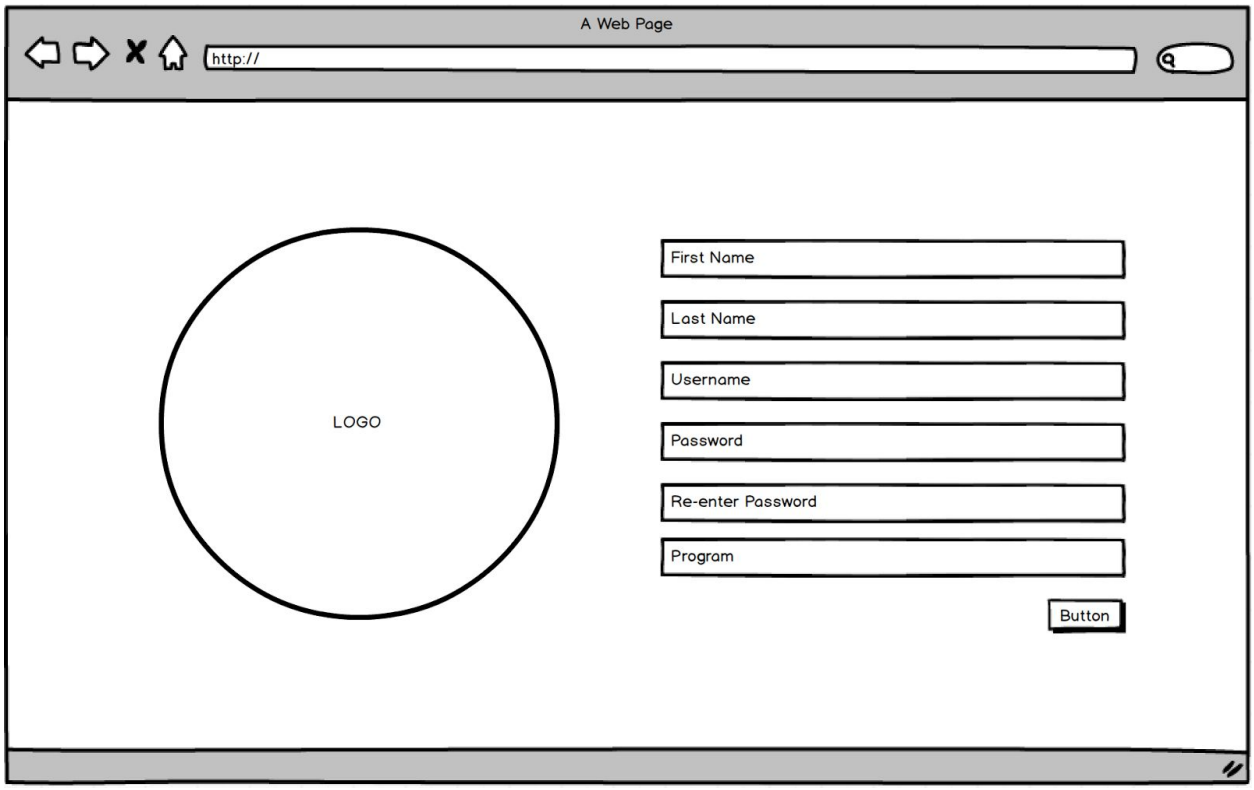
X Admins can edit course information

X Log out

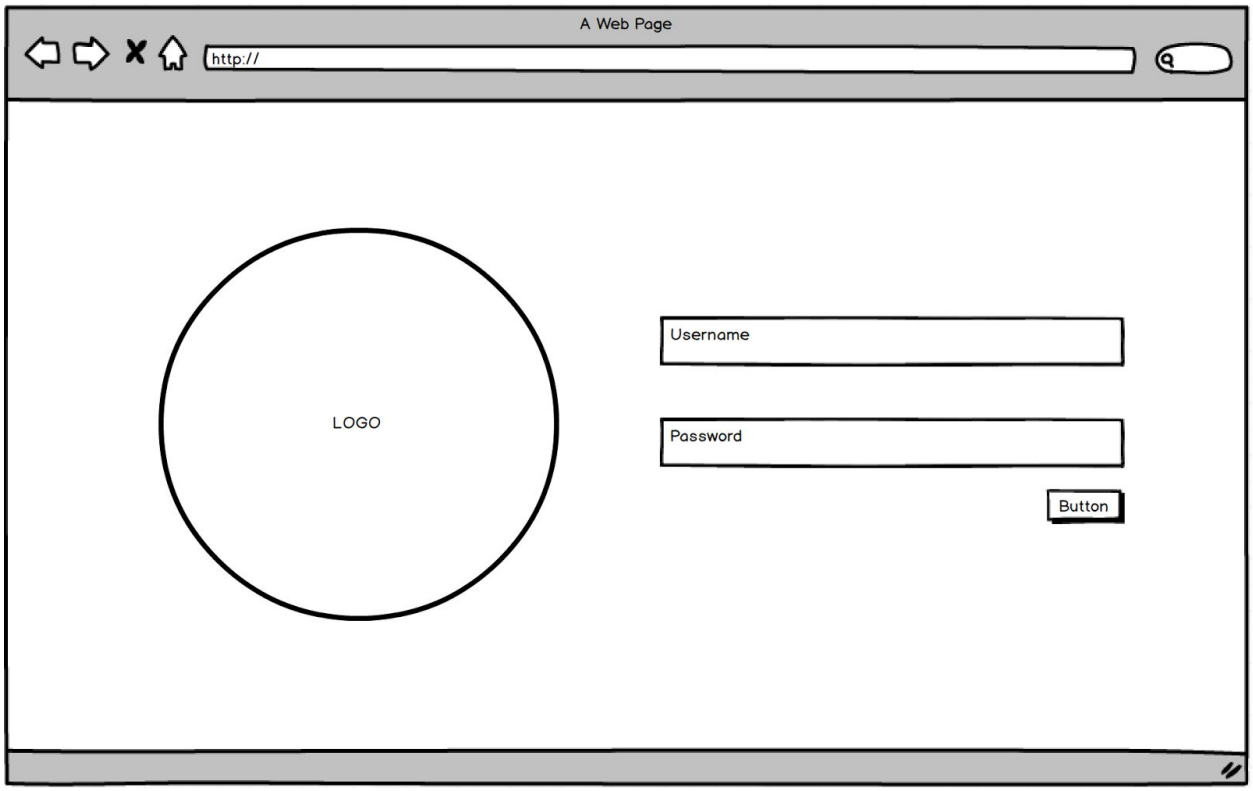
X Edit Admin account

WEBSITE MOCKUPS/WIREFRAMES

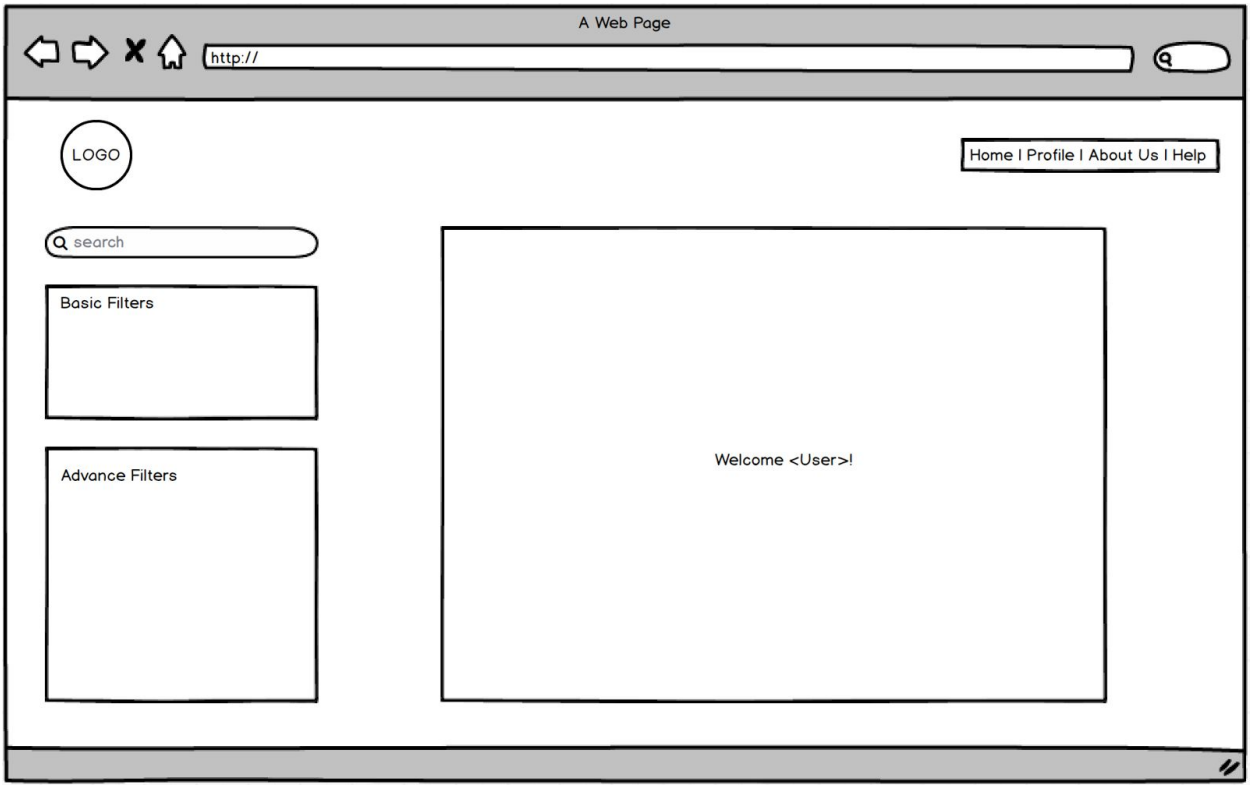
REGISTRATION PAGE



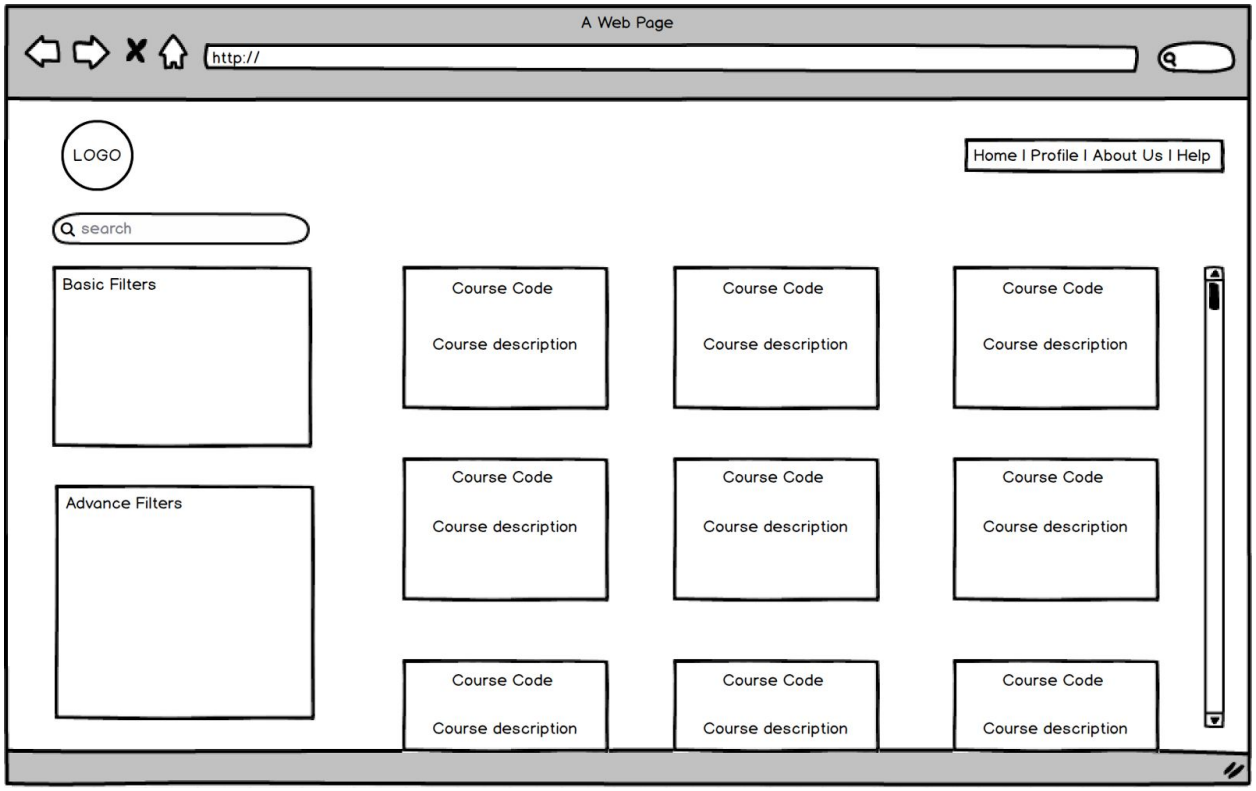
LOGIN PAGE



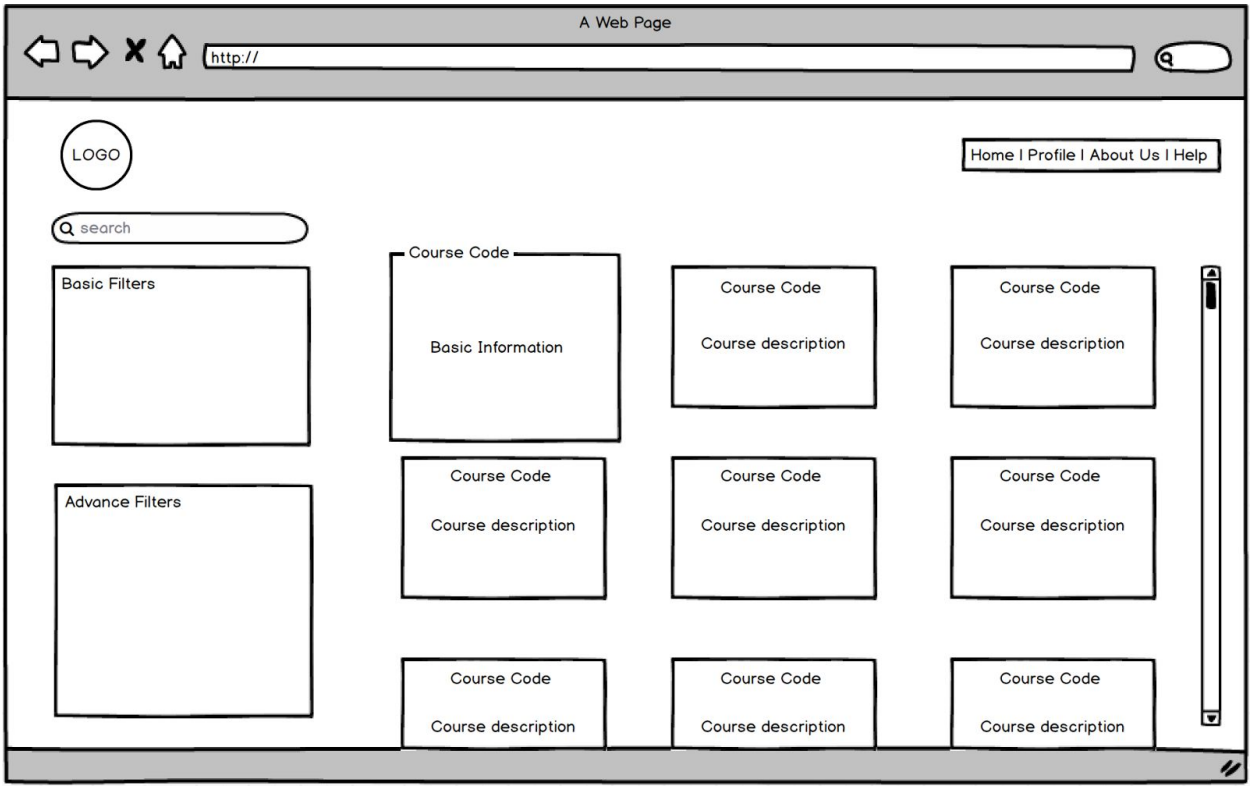
HOME PAGE



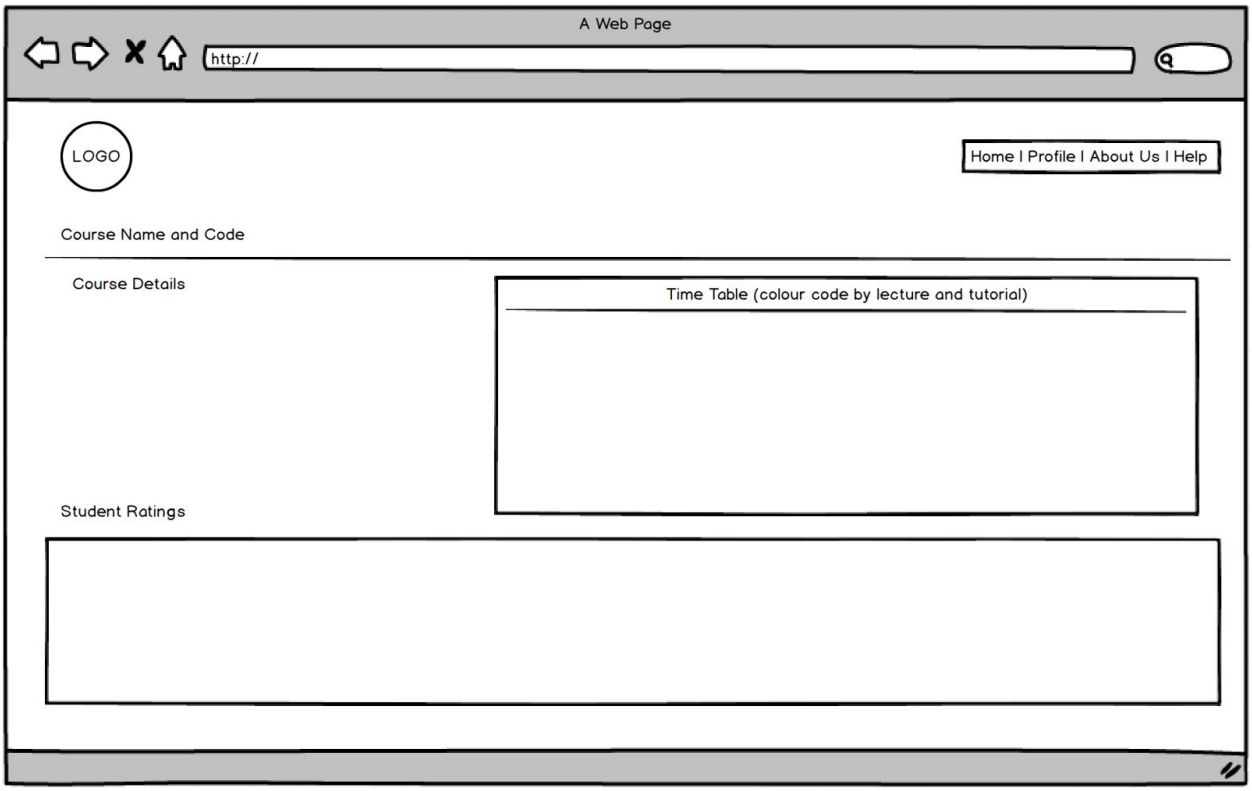
AFTER FILTER PAGE



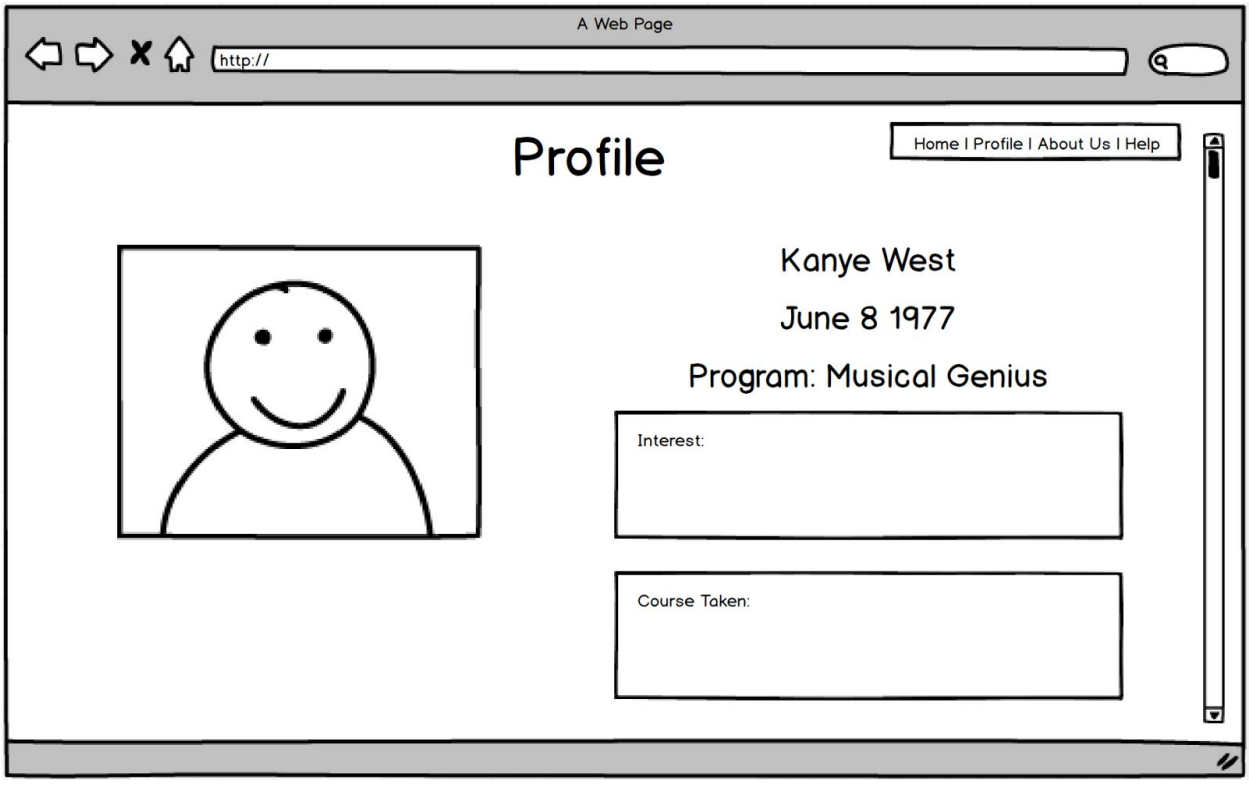
HOVERING OVER A COURSE TO SEE BASIC INFORMATION ABOUT THE COURSE



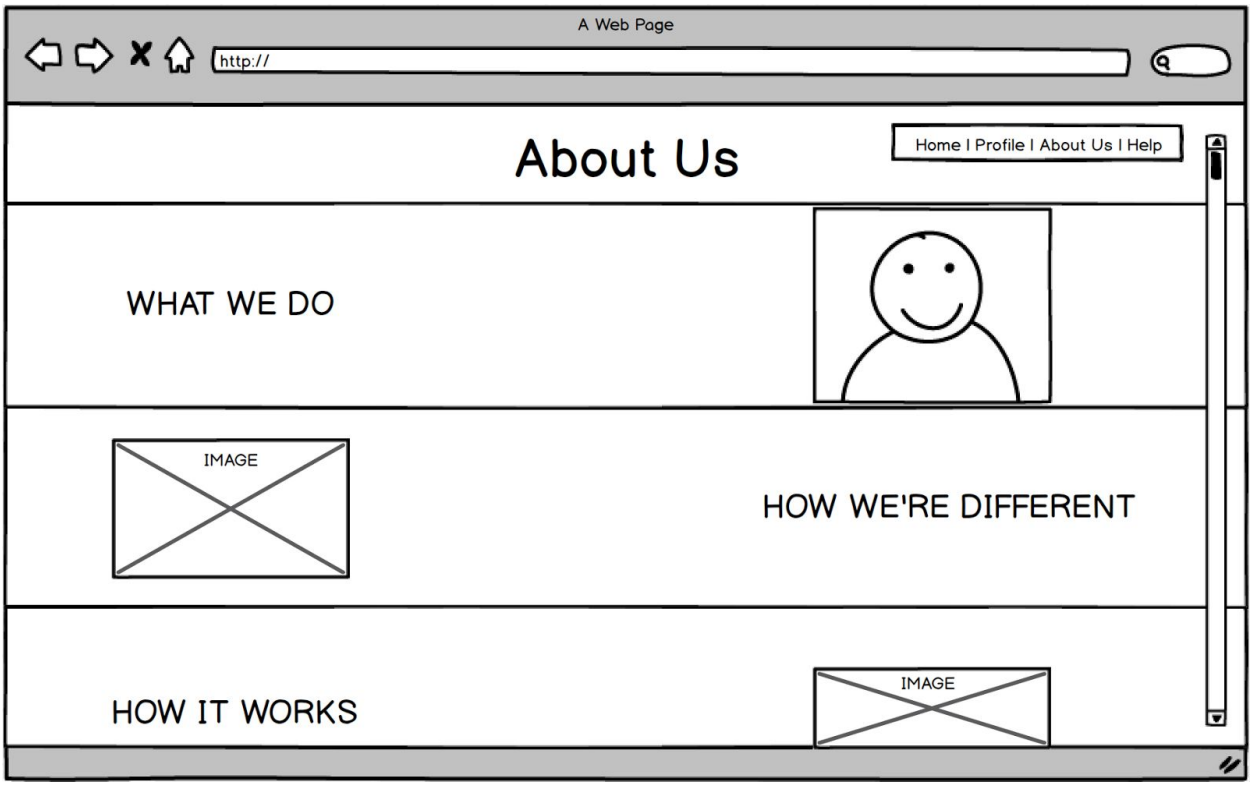
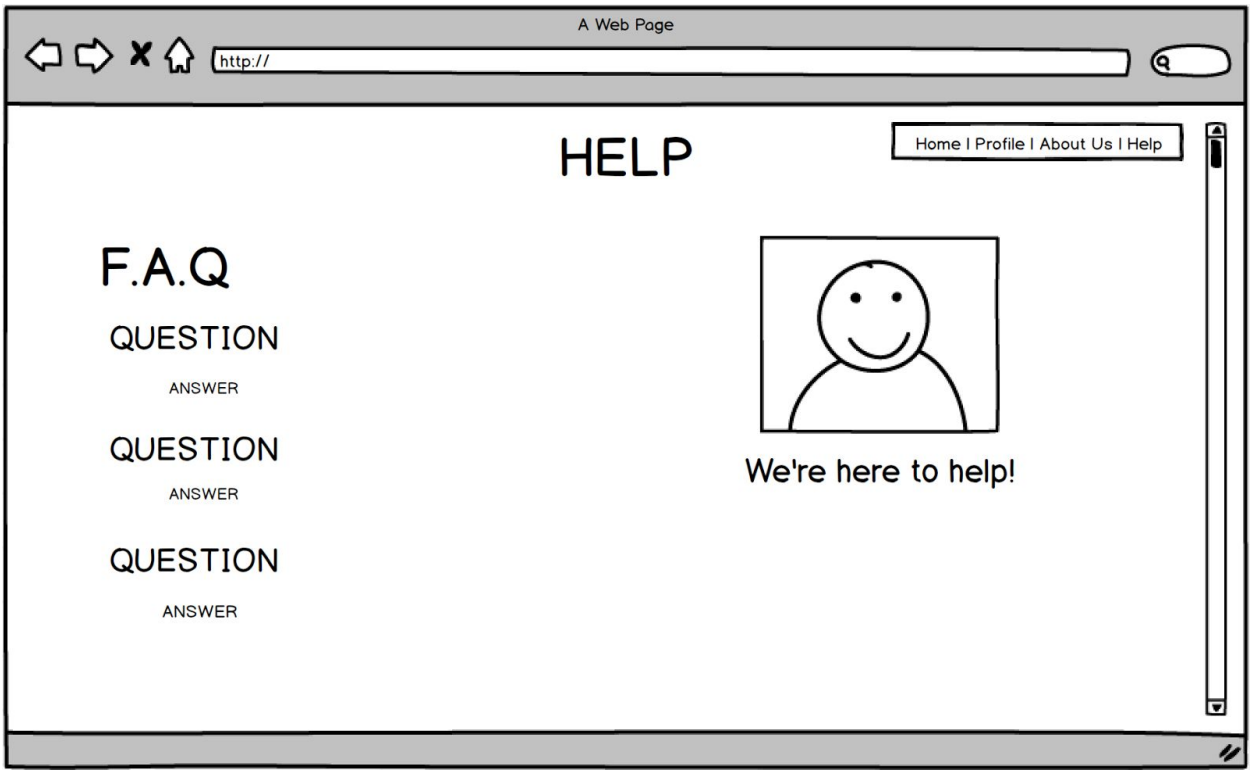
COURSE DESCRIPTION (AFTER CLICKING ON A COURSE)



PROFILE



ABOUT US



HELP/FAQ