

Human-Computer Interaction

Project Design

CS 4474

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Marking Page

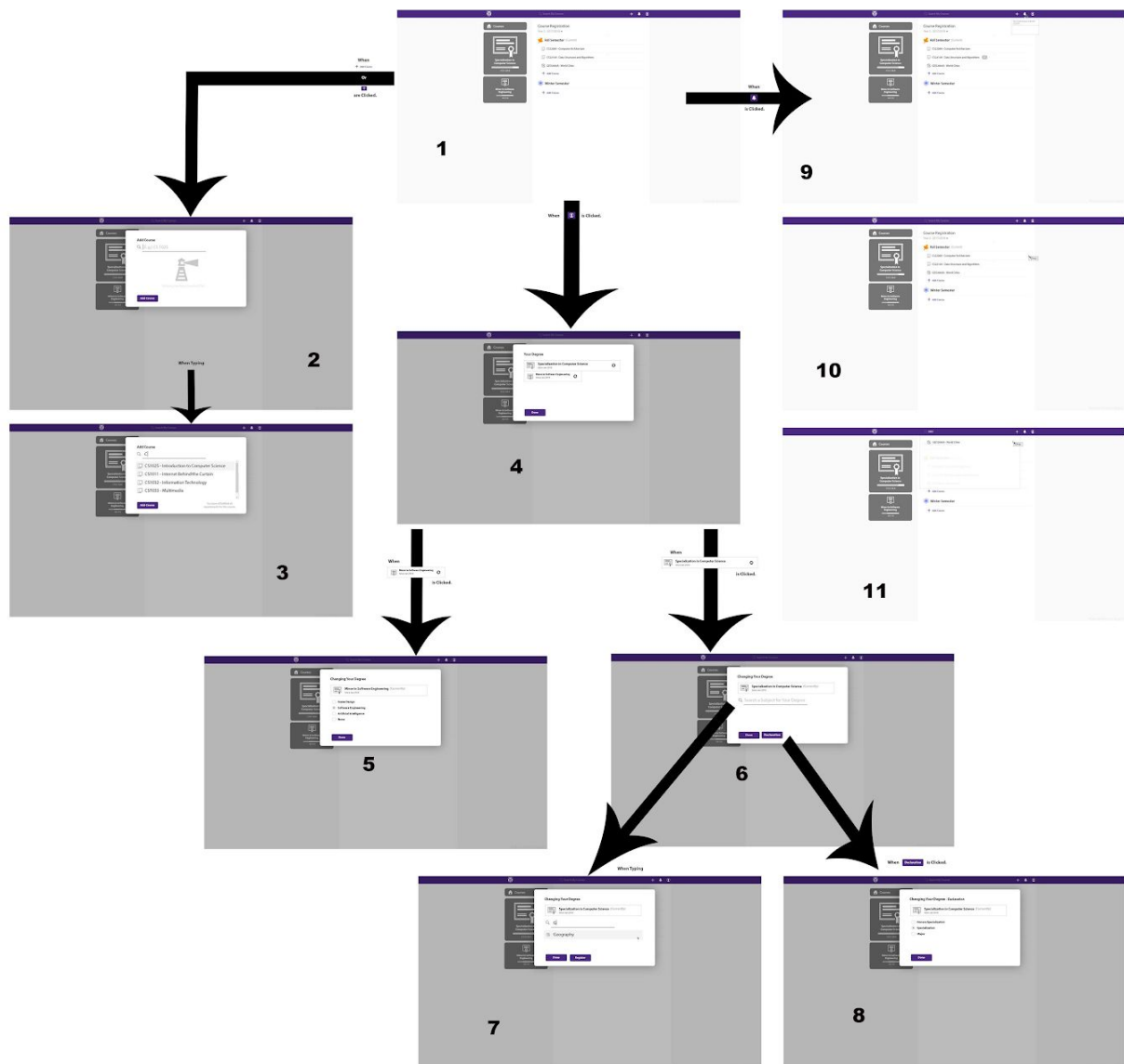
Goal

As a group, we have decided to narrow down our objective and instead of redesigning the UWO Student Center, we are going in a more focused direction and creating a fully functioning course selection tool akin to what Student Center can do, although with a much improved design. The goal of this system is to help students work toward their chosen degree and enrol in the necessary courses throughout their several years of study. The first step toward this goal is to allow for an easy way for the student to discover courses. After that we need to show the student a quick overview of their selection and indicate how it will affect their graduation progress. We also aim to provide the student with an option to change their degrees or modules from the app. It is partly inspired by the course selection tool on Student Center as well as the Program Tool that guides students and displays their current graduation status.

The system will be implemented as a Web Application using a javascript GUI library, among other potentially necessary tools for searching a database over the network and storing user information.

The storyboard below explains our idea and how the application will work.

Storyboard



Picture 1:

The homescreen is the first screen you see when you use our app. You will notice that in the center it allows you to pick which courses you want to register for. On the side there are accolades that tell you how close you are to completing your degree. The bar at the top lets you search for courses, and also has a button to view your alerts and check your profile. Your courses are grouped in their respective semester. Also, by clicking the drop down you can choose which semester you want to view the courses for.

Picture 2:

If you click the add courses button on the homescreen, you're prompted with a pop up that allows you to type in the course number. When you click on add course, the system enrolls you in the course and updates your graduation status.

Picture 3:

When you start typing the course number, our programs searches through all courses that begin with the keywords you entered and returns the courses that apply. As the user types in a course name or number, partial matching courses will be shown below the input box.

Picture 4:

When you click on the Profile button on the home screen, a pop-up will show you what degree you are currently taking.

Picture 5:

If you click on the gear icon on your minor, you are given a pop up that will allow you to change which minor you want to do. The user is provided with a list of radio buttons showing all options for minors available to that specific major and student combination.

Picture 6:

If you click on the gear icon for your specialization or major, you are given a pop up that will allow you to search through potential degrees you can choose.

Picture 7:

When the user starts to search for a degree, the relevant ones will be shown to the user. As the user starts typing the name of the degree they wish to enroll in, the partial matching degrees will be shown and available for selection.

Picture 8:

If you click on declaration, you are able to choose with type of degree you want to take. The different types of degrees available will be shown in the form of a list of radio buttons. Only degrees applicable to the specific student will be shown in the list.

Picture 9:

If you click on the alert tab in, you are shown what your current alerts are in a pop up. Alerts can be things like if the student received marks for a recently submitted assignment.

Picture 10/11:

If the student clicks a course on the main menu, they are shown options to drop the course and other information regarding the course.