



CSE22: Introduction to Programming

Lab 3

1 Introduction

In this lab you will continue developing your web apps from Lab 1, by adding some server-side components.

2 Online Resources

The W3 Schools page on jQuery will be helpful here. Also the Class Demo from September 28.

3 Tasks

As we have seen in class, there is a difference between the frontend and the backend of our web applications. The frontend is made up of the HTML and JavaScript, while the backend is our Python code.

Create another page on your application that can be navigated to from your main navbar. When a user visits that page, they should be asked to login by providing a username and password. You should verify their username and password on the backend (with your Python code). As in the class demo, you can hard-code one or more valid username/password combinations.

The content of this new page is completely up to you. It should fit in with the rest of your application that you have done up to now. For example, there could be a premium part of your web application that can only be seen by users who have logged in. After providing a correct username and password, you should display the premium content for them.

The premium content should not be hard-coded in the HTML because then people could see it by inspecting element on their browser. The premium content should be brought in via a server endpoint that you make a request to, once the user has authenticated.

4 Deadline

This lab assignment is out of 100 points. The due date is Monday October 5, 2020 at 11:59 pm.