IMY 220
Assignment 6:
AJAX

Due: Wednesday 28 September at 13:00.

The submission instructions are available on ClickUP. Any deviation from these instructions will cause a 10% deduction from your mark.

Instructions

- Use JSON and jQuery to create a website when you can login and all of the events that you will be attending will be displayed to you.
- Download *index.html, events.json and user.json* from ClickUP. The index page contains a form that you will need to use to log in. Users.json contains the user information (i.e., login credentials and user id) and events.json contains the event information and who will be attending what event.
- You must include a CDN version of jQuery and write all the code for this assignment inside a file called *script.js* which you must create and include inside *index.html*.
- You must use .on() for event handling and you must use the recommended syntax from the slides for adding new elements. Use the most appropriate keywords for declaring variables.
- You **must** make use of sequential promises for this assignment. If you don't do this you will be penalised. More information on this can be found in the notes.

Login and show events

Create a file called *script.js* and add functionality that allows a user to login in using user credentials (use the credentials in *users.json*). Once a user has logged in, all the events that that user is going to attend should be displayed to the user.
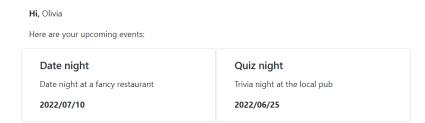
To give a more in-depth breakdown:

- The user must be able to log in using the credentials specified in the JSON file.
- Using the user info, a call must be made to the *events.json* file which fetches all of the events that the user will be attending.
- Once the user is logged in you can hide the login form.
- You **must** make use of sequential promises to make the calls. This means that only one ajax call must be made to gather the information. If you don't do it this way you will be penalised.
- Once all the information is fetched it must be displayed in a bootstrap card with a width that takes up a third of the width of the row. You must create these cards using jQuery and append them to the div with the class of *events*. You can see what this should look like below:
- HINT: follow the structure of *events.json* to see how you can fetch the users who will attend the event.

Normal form where the user isn't logged in.

Events

Username	Password

Login

When you log in as user 5 (i.e., Neil)

Hi, Neil

Here are your upcoming events:

Concert	Date night	Quiz night
Concert in the botanical gardens with rock artists performing	Date night at a fancy restaurant	Trivia night at the local pub
2022/05/15	**2022/07/10**	**2022/06/25**

Here is an example if you log in as user 5 (i.e., Olivia)

Hi, Olivia

Here are your upcoming events:

Date night	Quiz night
Date night at a fancy restaurant	Trivia night at the local pub
2022/07/10	**2022/06/25**

Additional Information

- Refer to the slides and online resources for help

Submit only the following file(s) according to the submission instructions.

- *index.html*
- *script.js*