COMP 3100 – Web Programming

Project - Iteration 3

Winter 2022

This deliverable is due on the April 8th, 2021 at 11:59 PM Newfoundland time. No late submissions will be marked. No submissions done outside D2L will be marked (e.g., email). Please organize yourself with your team to submit the document on time.

The main goal of the third iteration is to have your client-side implemented with HTML5, CSS, JavaScript and jQuery. In the first and second iterations, your team has submitted your project's overall idea and goals and the server side implemented in Node js.

Your team must use an MVC-like framework for the final version, as we have seen in the lectures. Mainly, you need to code the View in this iteration and integrate server and client sides with jQuery. Your client side must be responsive, has effects in the elements, and styled in a decent way. The idea is to show that you have full understanding of how to use the client-side topics that were taught in class.

Your project will be evaluated into two parts as follows:

Project document (30 marks)

1. The team must provide a document that is an update of the former, documenting what was done to implement the client-side of the application. What functionalities were implemented? What were added that were not planned? What functionalities were removed? Such information should be provided in this document.
2. The document must have a section named Views where you document your views and what you can do with them (methods). Why are they necessary for your application?
3. The document should list and explain the elements used in assembling the client-side.
4. Describing the animation effects used is also important in this part of the report.

Project code (40 marks)

1. How much of the functionalities you declared in your project are you covering? Is everything working as supposed? Is there anything missing?
2. Your code should follow the structure detailed in the beginning of this document. Is it following the MVC pattern with the models, controllers, routes and view properly?
3. Is your data being saved properly in the database using the view? How well designed is(are) your view(s)?
4. I will test each functionality using the web interface. Are they working? How are you dealing with user inputs? Is it on the client side or server side?
5. How well-documented are your functions and codes from your view? Are they easily readable?

Video demo (30 marks)

1. The teams should assemble a video, at maximum 10 minutes.
2. The video should present in the introduction, the motivation and overall idea and goals of the project.
3. After, the teams should present the architecture with the technologies and libraries used to assemble your project.
4. In the last part, the team should present running examples of the functionalities implemented. What do they do? What can be achieved with them?