WEBD 5201 WEB DEVELOPMENT FRAMEWORKS
Assignment 2
2023

Requirement

In this Assignment, you will be tasked with creating a web application using the Laravel framework that supports CRUD (Create, Read, Update, Delete) operations on a specific dataset. Along with the CRUD operation, your application should satisfy the following criteria.

Search Functionality:

Design a user interface that includes input fields and filters to specify search criteria.
Implement server-side code to perform database queries based on the user's search inputs.

Validation and Error Handling:

Implement server-side validation for user inputs.
Provide meaningful error messages and handle exceptions gracefully.

User Interface (UI):

Create an intuitive and user-friendly interface for your web application.
Use Laravel's Blade templating engine for rendering views.
Apply CSS and possibly JavaScript for styling and interactivity.

Documentation:

Write a comprehensive README.md file in your local repository explaining how to set up and use your application.

You could use the submission made for Assignment 1 as a base for this Assignment.

Evaluation:

This Assignment carries 10 points, and the evaluation criteria are as follows.

1) Web App with CRUD - 3 points
2) Search Functionality - 2 point
3) User Interface - 2 point
4) Documentation - 1 point
5) Code execution without any error - 1 point
6) Submission - 1 point

Submission:

Method 1:

Students are encouraged to give me a short individual presentation directly in the class on October 06, 2023. Please create a single zip file and send it to me in DC Connect.

Method 2:

If you cannot make it to the class, provide me a video of your project with a single-page document explaining your project file with the source code. Please create a single zip file and send it to me in DC Connect.

Deadline:

All submissions must be before October 06, 2023, at 9:00 PM. I will deduct 1 point from the Assignment if you submit it after the deadline.

Academic Integrity:

Zero Tolerance Policy on Plagiarism