

WEBD 5201 WEB DEVELOPMENT FRAMEWORKS

Assignment 1

2023

Requirement

This assignment will require you to create a single-page web application with the PHP-Laravel framework. Use of the Laravel framework is mandatory for this assignment. Your single-page application needs to read content from the database and present the information on the screen. Please make sure your database has at least three fields.

Example - Name, Age and Telephone number.

Please ensure all your code is well documented with comments and enforce the MVC architectural design pattern in your code.

Please do not hardcode any information inside the code.

Some project ideas include - Showing stock information of a particular company or showing weather information. If you have trouble finding the data, please add random information or numbers for your fields in the database.

I highly recommend MySQL database for this assignment, but students are encouraged to use different databases.

Evaluation:

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

- 1) Configure the Laravel framework on your machine - 3 points
- 2) Proper use of database - 1 point
- 3) Effective presentation logic - 1 point
- 4) Clean code with comments - 2 point
- 5) Code execution without any error - 1 point
- 6) Submission - 2 point

Submission:

Method 1:

Students are encouraged to give me a short individual presentation directly in the class on September 22, 2023. Please create a single zip file and send it to me in MS Teams.

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 MS Teams.

Deadline:

All submissions must be before September 22, 2023, at 9:00 PM. I will deduct 2 points from the assignment if you submit it after the deadline.

Academic Integrity: Zero Tolerance Policy on Plagiarism