Laboratory Sheet 7

PHP MVC, AJAX

Published date: Monday, 21 October 2018
Due Date: Monday, 10 December 2018, 9:00 am

Successful completion of this lab is worth **2%** of the module marks.

Successful completion of all 7 labs is worth an additional **1%** of the module marks.

Note:
1. All the code (e.g., .html, .css, .js and .txt files) must be submitted using webcourses – in zipped format.
2. Must be demo-ed in the labs either before or after submission.
3. Failure to provide code or demo will result in a mark of 0%.

What you need: Notepad++ (or another text editor), XAMPP; Eclipse for PHP (or another text edit with features with features specific to the PHP scripting language e.g., Brackets and Visual Studio Code), Chrome (or another browser); HTML5, CSS, JavaScript, jQuery, Bootstrap.

Where you can get support: Lecture notes on webcourses + full references on
https://www.w3schools.com.

Part 1 – Form Validation Project
1) Continue with your Form Validation Exercise from Lab 6.

   Re-organize your code to respect the MVC design pattern.

Part 2 – Update CV Project
1) Create a text file on the web server's file system with a cover letter for your job applications.
2) Add a button to the CV webpage, called "Show Cover Letter".

   When the user clicks the "Show Cover Letter" button, the content from the text file is appended to the page via AJAX.

   Go to https://www.w3schools.com/php/php_file_open.asp to learn more about using PHP to open text files on a server.

THE END