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Class and Assignment Number: ITMD 562, Assignment 1

Project Description:

The project goal is to create a simple PHP web page which can be potentially used for a student registration. When the student logs in to his account, he/she would see the welcome page and would be directed to the form page after clicking on the registration link. There are some fields like first name, last name and email address which are mandatory and throws an error message if left blank. There is also an option to upload a file and once the submit button is clicked; it displays the details of the student who has successfully registered.

Development Environment:

- Operating System:- Windows 7, 64-bit OS
- Server:- XAMPP (Apache Server)
- PHP Version Number: - Version 5.6.12
- Editor:- Sublime Text 2
- Browser Tested:- Google Chrome, Firefox

Installation Instructions: Apache server running PHP is required to run this project. Also, 'name' parameter should be used for the index page GET request to see the dynamic name.

Insights and Results:

PHP is an interesting language to learn. The major topics which I learnt while working on this project are how the GET and POST method works, learnt about the HTML tags and super global variables like \$_POST, \$_FILES and \$_REQUEST. Also learnt about the validation process and how a state could be retained after clicking on the submit button.

I had a hard time implementing the logic for file upload and to retain the value of radio buttons. Also, I wasn't able to set the time stamp month as "Sept" in the results as couldn't find a format character which gives a short textual representation of a month, 'four letters'. Hence, implemented as 20 Sep 2015 - 3:42:15 PM

References:

- [1] PHP Reference: Beginner to Intermediate PHP5
- [2] w3schools.com
- [3] stackoverflow.com
- [4] <https://secure.php.net/manual/en/index.php>