Assignment No 06

Title: Building a dynamic web application using PHP and MySQL**.**

Problem Statement:
Design Employee Registration form and store and retrieve the data using PHP and MySql.. (Students can select appropriate application of registration form in consultation with your respective Subject incharge)

Outcomes: *Students will be able to,*
1. To design UI interface for web applications.
2. To apply client-side scripting for web application
3. To develop dynamic web-based application using server-side programming

Hardware and Software Requirements: Text Editor, Ubuntu, Notepad++/Eclipse, XAMPP server (Students must mention their respective hardware and software requirements as per their application.)

Theory:

(Students must include all the below points in your **write up**)

1. PHP:

Example:

Web Server

Database

PHP Parser

Basics of PHP with relevant functions/code explanation

2. MySQL:

What is a Database?

RDBMS Terminology

☐ Database:

☐ Table:

☐ Column:

☐ Row:

☐ Redundancy:

☐ Essential Key:

☐ Outside Key

☐ Compound Key

☐ Index

☐ Referential Integrity

MySQL Database

TECHNOLOGY/TOOL:

1. Technology is to be used is PHP (PHP Hypertext Preprocessor) and tool XAMPP server is to be used to execute PHP web application.

2. XAMPP server embeds the PHP, MySQL and php myadmin, these three tools must be required to run php web application.

DESIGN / EXECUTION STEPS:
      Steps to install XAMPP and configure the PHP, MYSQL server.

TEST CASES:

Conclusion:

Output: Code and Screen Shots of designed Validation example (attach print out of input code and output)

Date of Performance:
Date of Completion:
Date of Submission: Faculty Sign

Grade/Marks