# Manisha Vyas

Question:

Faculty Portal:-

You are assigned to help Professor XYZ to create a new Faculty Portal for him to enter Attendance information, create a new assignment and handout. Professor XYZ has only one class. You will use the MVC pattern to create this website based on the example BookAppMVC. Here are steps that you will follow to complete this task:

1. Create a new PHP project named OSCSite.
2. Create a sub-directory named **Faculty** under the root directory.
3. Create and code the appropriate files according the following requirements:
    a. Model (Plain PHP file without HTML tags) – please refer the Views section to design your database tables and repository files.
        i. student_repository.php
        ii. attendance_repository.php
        iii. handout_repository.php
        iv. assignment_repository.php
        v. db_connect.php
        vi. osc_db.sql (that is a script for creating a database, tables, and inserting some data for testing).
    b. Controller (Plain PHP file without HTML tags)
        i. index.php
            1. Actions (and you need to design appropriate parameter(s) for these actions)
                a. show_faulty_home_page.php (default action)
                b. show_attendance_page.php
                c. save_attendance
                d. show_handout_page.php
                e. save_handout
                f. show_assignment_page.php
                g. save_assignment
    c. Views (All PHP web page with HTML)
        i. **faulty_home_page.php** that shows 3 links: Attendance Page, Handout Page and Assignment page. In addition, you will add a drop-down list for a week no. (1 to 15) for Prof. XYZ to select a week no.
        ii. **attendance_page.php** that allows a professor to record students' attendances. The page should contain:
            1. A label - week no that has been selected by Prof. XYZ from the faculty home page. Notice that if the attendance records of the selected week already exist in the database, then the page should show the data from the database.
            2. A table of students' attendances. Each row should have:
                a. Student ID
                b. Student's Last Name.
                c. Student's First Name.

        d. A dropdown list that contains the following values: (P) present, (A) absent, (E) leaving early, and (L) come late.

    3. A Submit button to save the changes.

iii. **handout_page.php** that allows a professor to create a new handout page. The page should contain the followings:

    1. A label - week no that has been selected by Prof. XYZ from the faculty home page. Notice that if the handout for the selected week already exist in the database, then the page should show the data from the database.

    2. A large TextArea for the handout content (needs data validation for checking empty input)

    3. A Submit button to save the changes.

iv. **assignment_page.php** that allows a professor to create a new assignment. The page should contain the followings:

    1. A label - week no that has been selected by Prof. XYZ from the faculty home page. Notice that if the assignment for the selected week already exist in the database, then the page should show the data from the database.

    2. A large TextArea for the assignment questions. (needs data validation for checking empty input)

    3. A textbox for Total marks (needs data validation for a valid integer)

    4. A textbox for Due date (needs data validation for a valid date)

    5. A Submit button to save the changes.

4. Create a CSS file that styles your website.

Unzip **OSCSite.zip** > goto :**C:\xampp\htdoc**> save **OSCSite** here

start xampp control panel > Apache & MySQL Servers
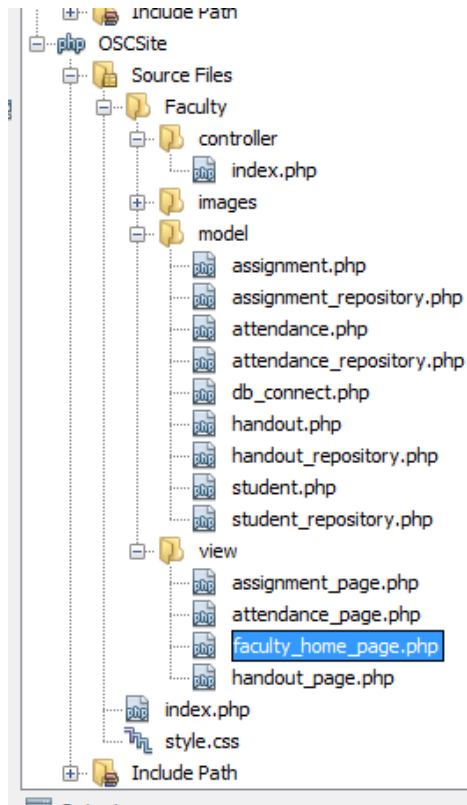
I have project url running on port number 80

default url for me is : (configure run>set Project Configuration>customize)

and configure path **Project URL** as per your running port ::
http://localhost/OSCSite/Faculty/controller/index.php

I have **** my password so please Enter your credential to test the program.

http://localhost/OSCSite/Faculty/view/faculty_home_page.php

This project has all the functionality as asked about Data Validation in the Question.

http://localhost/OSCSite/Faculty/view/attendance_page.php

Student's Attendance

Attendance Record for Week 1

SID	Photo	Name	Week 1
10101		Wilson,Kim	◉P ○A ○E ○L
11111		Vyas,Manisha	◉P ○A ○E ○L
22222		Gatta,David	○P ◉A ○E ○L
33333		Aniston,Jennifer	◉P ○A ○E ○L
44444		Chang,Mary	◉P ○A ○E ○L
55555		Donald,Mac	◉P ○A ○E ○L
66666		Cooper,Deinnis	◉P ○A ○E ○L
77777		Sitter,Kathy	◉P ○A ○E ○L
88888		Valantine,Sam	○P ◉A ○E ○L
99999		Vyas,Rajan	◉P ○A ○E ○L

Submit Attendance

(P) present,(A) absent, (E) leaving early, and (L) come late.

Faculty Home page

http://localhost/OSCSite/Faculty/view/handout_page.php
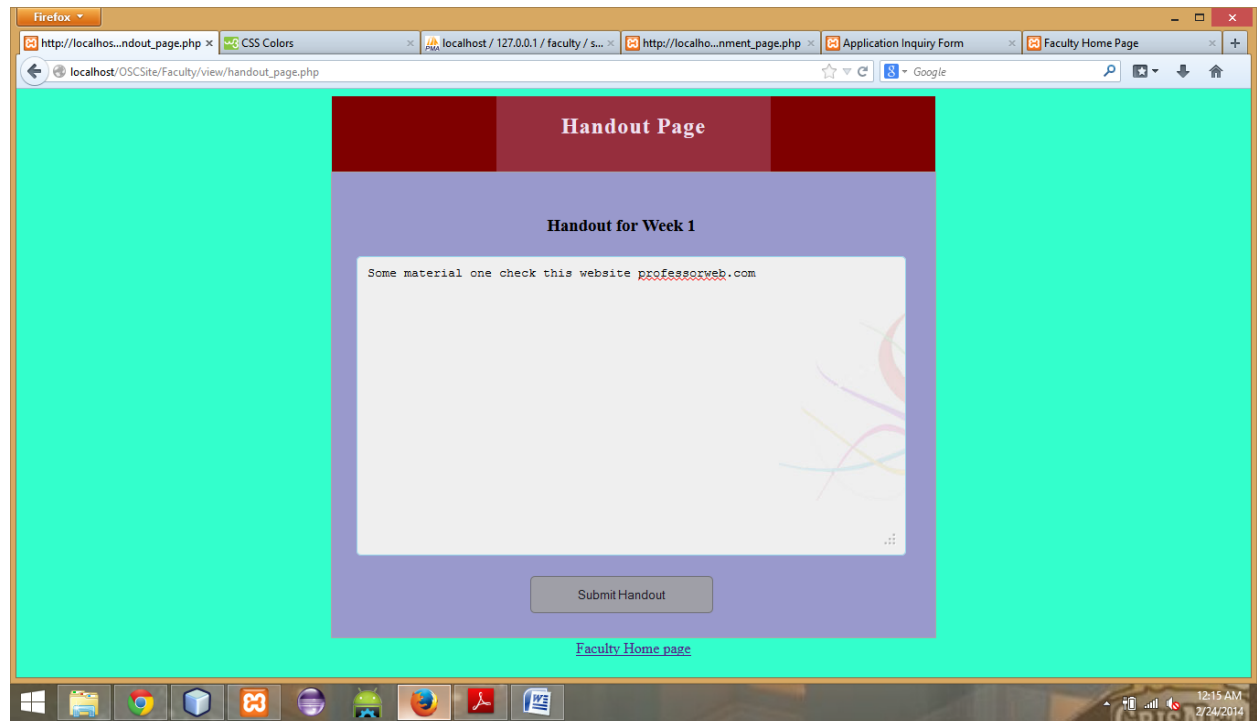
http://localhost/OSCSite/Faculty/view/assignment_page.php