

CSE416: Web Engineering Lab

Lab Report 5 Guidelines

Summer 2025

Lab Report 5:

PHP MVC Architecture with OOP

Guidelines:

1. Title Page

- Course name, experiment title, student name, ID, date, instructor name.

2. Objective

- To understand the MVC (Model-View-Controller) architecture in PHP and apply Object-Oriented Programming (OOP) principles to build a structured, maintainable PHP application.

3. Tools and Technologies Used

- XAMPP/WAMP/LAMP (for running PHP)
- Code Editor (e.g., VS Code, Sublime Text)
- Web Browser (e.g., Chrome, Firefox)

4. Explanation of:

- MVC architecture
- OOP concepts in PHP (Class, Object, Constructor, Encapsulation, Inheritance)

5. Code Implementation

- First, implement a basic MVC app folder structure
- Combine OOP concepts in Model, View and Controllers.

6. Output / Screenshots

- Screenshot(s)

7. Conclusion