

PHP Advanced By Building an MVC Based Project

Duration: 2 days

1. Introduction

- Welcome
- Introduction to PHP
- Setup a PHP Environment

2. PHP Language Concepts

- Syntax & Quotes
- Comments & Special Characters
- Variables & Constants
- Data Types
- Arrays
- Operators
- Conditionals and Loops

3. Functions

- User Defined vs Built-in Functions
- Declaring a Function
- Return values
- Function Parameters
- Declaring Optional Parameters
- Function Scope
- Lambdas & Closures

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4. Object Oriented Programming

- Intro to OOP
- What is a Class & Object
- Properties & Methods
- Constructors & Destructors
- Class Constants
- Visibility (PPP)
- Inheritance
- Overriding Methods
- Prevent Overriding
- Abstract Classes & Interfaces
- Traits & Cloning
- Static Context
- Late Static Binding
- Namespaces
- Exceptions

5. Object Oriented Database Basics

- Introduction to RDBMS
- Connecting PHP with MySQL
- PHP data objects (PDO) API
- Prepared statements
- PDO Database Class & Connection
- Fetching Data
- Inserting Data
- Updating & Deleting Data

6. PHP Project: Object Oriented MVC App

- Project Intro
- Folder Structure & Bootstrap Class
- Creating Controllers
- Creating Models
- Creating Views
- Adding Shares
- User Registration
- User Login & Sessions
- Message Class & Access Control

7. Conclusion

- QA
- Useful PHP Resources
- Feedback