

Course: Web Development with PHP, MYSQL

Instructor:

Ali Azam

Lead Developer and Project Manager

Ontik Technology

Total Duration: 32 Hours (16 Classes)

Weekly: 04 Hours (02 Days)

Platforms: HTML, CSS, PHP, MySQL, Javascript (Basic), Ajax, JQuery (Basic)

Summary

- HTML, CSS: 6 Hours (3 Classes)
- PHP: 10 Hours (6 Classes)
- MySQL: 6 Hours (4 Classes)
- Javascript: 6 Hours (3 Classes)

Project

- Course Participants will choose a project of their own choice which will include at least 05 CRUD, Ajax submission, at least 04 tables, at least one user registration system, at least 03 frontend page; Also Participants will design their own project architecture & maintain it with an agile method.
- Projects can't be traditional applications like blog, e-commerce etc. and must solve a unique problem in real life situations (like personal daily time tracker, traffic route planner etc.)

Details

- **Inauguration**
Introduction class, course description, HTML and CSS concept and History, Installation of software
- **Class-01**
 - HTML, CSS
 - Start Project Frontend Designing
- **Class-02**
 - HTML CSS
 - Online CSS resources and frameworks
- **Class-03**
 - Basic concept of PHP
 - Start Project Frontend Finalizing
- **Class-04**
 - Basic PHP Syntaxes
 - Start Project Backend Development

- **Class-05**
 - PHP Form Processing, CRUD
 - Mysql Basics
 - Start Project Database Design
- **Class-06**
 - PHP Form Processing, CRUD
 - Mysql Basics
 - Project UML Diagram, Concepts on Agile Methodology
- **Class-07**
 - PHP Form Processing, CRUD
 - Mysql Basics
 - Project UML Diagram
- **Class-08**
 - PHP OOP Concepts
 - Mysql Advanced Features (like foreign key, relationships, trigger etc.)
 - Project Development, Soft Launch
- **Class-09**
 - PHP OOP Concepts, Advanced Features
 - Mysql Advanced Features (like foreign key, relationships, trigger etc.)
 - Project Development
- **Class-10**
 - Javascript History, Introductions, Basic Syntaxes
 - Introduction to json, api architecture
 - Project Development & Javascript Implementations
- **Class-11**
 - Javascript Basics, Ajax & PHP integration
 - Project Development
- **Class-12**
 - More with javascript
 - Basic Concepts of deployment, cPanel Introductions
 - Project Deployment to server
- **Class-13**
 - JQuery Basics & Implementation
 - Implementation of OOP in large projects
 - Project Bug Fixings/ improvements
- **Class-14**
 - Reviewing Each Project
 - Future in Web Development
- **Class-15**
 - Exploring Software Development Industry
 - Real-Life Experiences from Professionals
- **Class-16**
 - Backup Day

