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PHP-MYSQL

Introduction to Web Development with PHP

- The architecture of a web application
- The Product Discount application
- How to edit and test a PHP application □ How to use NetBeans to develop a PHP application

How to code a PHP application

- Basic PHP skills
- How to get data from a request
- How to work with data
- The Product Discount application
- How to code control statements
- The Future Value application □ How to use the PHP documentation

Introduction to relational database with MySQL

- An introduction to relational database
- The SQL statements for data manipulation
- An introduction to MySQL □ How to use phpMyAdmin

How to use PHP with a MySQL database

- PHP for working with MySQL
- How to get data from a result set
- The Product Viewer application □ The Product Manager application

How to Use the MVC pattern to organize your code

- How to use the MVC pattern

- The Product Manager application □ The Product Catalog application

How to test and debug a PHP application

- An introduction to testing and debugging
- How to debug with xDebug and Netbeans

How to work with form data

- How to get data from a form □ How to display data on a web page

How to code control statements

- How to code conditional expressions
- How to code the selection structures □ How to code the iteration structures

How to work with strings and numbers

- How to work with strings
- How to work with numbers
- Other skills for working with strings and numbers

How to work with dates

- How to use timestamps to work with dates
- How to use objects to work with dates

How to create and use arrays

- How to create and use an array
- How to create and use an associative array
- How to use functions to work with arrays
- How to work with array of arrays □ The Task List Manager application

How to work with cookies and sessions

- How to work with cookies

- How to work with sessions □ The Shopping Cart application

How to create and use functions

- Basic skills for working with functions
- How to create and use namespaces
- Advanced skills for working with functions
- The Shopping Cart application

How to create and use objects

- How to create and use classes
- How to code class constants, properties, and methods
- The object-oriented Product Manager application
- Additional skills for working with objects □ How to work with inheritance

How to use regular expressions, handle exceptions, and validate data

- How to use regular expressions
- How to handle exceptions □ The Registration application

How to design a database

- How to design a data structure
- How to normalize a data structure □ A database design tool

How to use SQL to create a MySQL database

- How to work with databases
- How to work with tables
- How to work with indexes
- How to work with users and privileges □ Other skills for creating a databases

How to use SQL to work with a MySQL database

- How to select data from a single table
- How to select data from multiple tables
- How to code summary queries
- How to code sub-queries
- How to insert, update, and delete rows

Professional PHP for working with MySQL

Laravel

Course Contents:

- 1 Architecture Foundation
 - Service Providers
 - Service Containers
 - Facades
 - Request Life Cycle
 - Application Structure
- 2 Setup & Installation
 - Requirement
 - Installation
 - Web Server Configuration
 - Project Structure
- 3 Basic Routing
 - Basic Routing
 - Route Parameters
- 4 Responses
 - Views
 - Redirects
 - Custom Responses
- 5 Middleware
 - Introduction
 - Defining Middleware
 - Registering Middleware
- 6 Controllers
 - Introduction
 - Basic Controllers
 - Controller Middleware
 - Implicit Controllers
 - RESTful Resource Controllers

- 7 Blade Templates
 - Creating Templates
 - PHP Output
 - Control Structures
 - Templates

- Template Inheritance
- 8 6 Advance Routing □ Named Routes
 - Secure Routes
 - Parameter Constraints
 - Route Prefixing
 - Domain Routing
- 9 URL Generation
 - The Current URL
 - Generating Framework URLs
 - Asset URLs
 - Generation Shortcuts
- 10 Request Data
 - Retrieval
 - Old Input
 - Upload Files
 - Cookies
- 11 Forms
 - Forms
 - Fields
 - Buttons
 - Security
- 12 Validation
 - Validation
 - Controller Validation
 - Form Request Validation
 - Working with Error Messages
 - Error Messages and Views
 - Available Validation Rules
 - Custom Error Messages
 - Custom Validation Rules
- 13 Basic Database Usage
 - Configuration
 - Read/Write Connections
 - Running Queries
 - Database Transaction
 - Accessing Connections
- 14 Query Builder
 - Introduction

- Selects
- Join
- DML Queries

15 Schema Builder

- Creating Tables
- Column Types
- Special Column Types
- Column Modifiers
- Updating Tables □ Dropping Tables
- Schema Tricks
- 16 Migrations
 - Basic Concept
 - Creating Migration
 - Rolling Back
 - Migration Tricks

17 Eloquent ORM

- Creating new models
- Reading Existing Models
- Updating Existing Models
- Deleting Existing Models

18 Eloquent Queries

- Preparation
- Eloquent to string
- Query Structure
- Magic Queries
- Query Scopes

19 Eloquent Relationship

- Relationships
- Implementing Relationship
- Relating and Querying

20 Authentication

21 Authorization

- Three ways to use PHP to work with MySQL
- How to work with PDO

A database-driven web site

- How to work with large text columns

How to create secure web sites

- How to use a secure connection
- How to use authentication □ How to work with encrypted data

How to send email and access other web sites

- How to send email
- How to get data from other servers

LiveWare

Introduction To Livewire framework

It is a full-stack framework by creating an awesome support ticket system. The course is from very basics to advanced using Laravel Livewire, creating Single Page Application (SPA)

You will going to learn:

- Introduction
- QuickStart
- How it works
- Comments System (Wire click event)
- Properties and Actions
- Mount Event, fetch from DB
- Store Comment with Livewire
- Real-Time Validation
- Passing Data to component
- Using Flash Messages
- Pagination
- Custom Pagination Links
- Image Uploading
- Store Image using Intervention
- Comment of tickets
- SPA using Turbolinks
- Register Component/Page
- Register User
- Login and Logout
- Using Middleware