
PHP with LARAVEL

Duration – 4 Months

Introduction of Laravel

- What is MVC and Its Benefits
- Why Laravel?
- Advantages of Laravel
- Features of Laravel

Laravel Main Features

- Architecture
- MVC(Model , View, Control, Database)
- Composer
- Artisan

Creating the workflow and configuring environment

- Operating system
- Terminal
- Text editor
- Bootstrap as the HTML5/CSS3/JavaScript framework
- Apache–MySQL–PHP package
- Installing Composer
- Installing Laravel
- Laravel Configuration

Laravel Application Structure

- Laravel App Directory
- Laravel Root Directory
- Laravel Framework Files

Laravel Routing Parameter

- What is Laravel routing and How Laravel Routing Works?
- Types of Routing
- Basic routing
- Route parameters
- Named Routes

Laravel Middleware

- Define Middleware
- Register Middleware
- Middleware Parameters
- Terminable Middleware

Controllers

- Basic Controllers
- Controller Middleware
- Restful Resource Controllers
- Implicit Controllers
- Constructor Injection
- Method Injection

REQUEST

- Retrieving the Request URI
- Retrieving Input

COOKIE

- Creating Cookie
- Retrieving Cookie

RESPONSE

- Basic Response
- Attaching Headers
- Attaching Cookies
- JSON Response

VIEWS

- Understanding Views
- Passing Data to Views
- Sharing Data with all Views
- Blade Templates

REDIRECTIONS

- Redirecting to Named Routes
- Redirecting to Controller Actions

WORKING WITH DATABASE

- Query Builder
- Pagination
- Migrations
- Connecting to Database
- Insert Records
- Retrieve Records
- Update Records
- Delete Records

Eloquent ORM

- Relationships
- Collections

ERRORS AND LOGGING

- Errors
- Logging

Advance Topic

- FORMS
- LOCALIZATION
- SESSION
- Accessing Session Data
- Storing Session Data
- Deleting Session Data
- VALIDATION
- FILE UPLOADING
- SENDING EMAIL
- AJAX
- FACADES

Project Implementation