



PHP Laravel framework



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## Introduction:

PHP, as a scripting language has been very popular due to its simplicity, speed, and scalability. Many PHP frameworks help make this language easier to adopt and among the most popular of these is Laravel- widely adopted due to its simple and elegant syntax that eases the development process and simplifies routing, authentication, caching through built-in templates, libraries and MVC architecture.

## Course Content:

### Unit 1: Architecture:

- Container
- Facades
- Flexibility
- Robustness

### Unit 2: Setup & Installation:

- Requirement
- Installation
- Web Server Configuration
- Project Structure

### Unit 3: Basic Routing:

- Basic Routing
- Route Parameters

### Unit 4: Responses:

- Views
- View Data
- Redirects
- Custom Responses

### Unit 5: Filter :

- Basic Filters
- Multiple Filters
- Filter Classes
- Global Filters
- Pattern Filters

### Unit 6: Controllers :

- Creating Controllers
- Controller Routing
- RESTful Controllers

## **Unit 7: Blade Templates :**

- Creating Templates
- PHP Output
- Control Structures
- Templates
- Template Inheritance

## **Unit 8: Advance Routing :**

- Named Routes
- Secure Routes
- Parameter Constraints
- Route Prefixing
- Domain Routing

## **Unit 9: URL Generation :**

- The Current URL
- Generating Framework URLs
- Asset URLs
- Generation Shortcuts

## **Unit 10: Request Data :**

- Retrieval
- Old Input
- Upload Files
- Cookies

## **Unit 11: Forms :**

- Forms
- Fields
- Buttons
- Macros
- Security

## **Unit 12: Validation :**

- Validation
- Rules
- Error Messages
- Custom Rules
- Custom Message