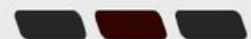# Metailearn

Laravel
best PHP Framework

American Certified Web Developer

PHP LARAVEL WEB DEVELOPMENT

SYLLABUS & CONTENTS

Certified and Approved by American Board of Education

Laravel

The Best PHP Framework ?

```
Route::get('/hello',function(){
    return 'Hello World!';
});
```

This course covers the principles and techniques of web development using PHP Laravel, a popular PHP framework for building dynamic web applications. Students will learn how to build database-driven web applications, understand the concepts of model-view-controller (MVC) architecture, and master various Laravel features such as routing, authentication, and caching.

- Understand the principles and practices of web development using PHP Laravel

- Develop skills in building database-driven web applications with Laravel

- Learn how to properly organize and structure code using MVC architecture

- Gain practical knowledge of Laravel features such as routing, authentication, and caching

1. Introduction to PHP Laravel

- Overview of Laravel Framework
- Setting Up Laravel Development Environment
- Basic Laravel Concepts

2. Laravel Routing and Controllers

- Creating Routes and Controllers
- Understanding HTTP Requests and Responses
- Organizing Code with Controllers

3. Laravel Models and Database Integration

- Understanding Models and ORM
- Creating and Querying Database Tables
- Understanding Relationships Between Models

4. Laravel Views and Templates

- Creating Views and Templates
- Understanding Blade Templating Engine
- Using Laravel Forms

5. Laravel Authentication and Authorization

- Introduction to Authentication and Authorization
- Creating Authentication System with Laravel
- Understanding User Roles and Permissions

6. Laravel Caching and Optimization

- Understanding Caching and its Benefits
- Using Caching in Laravel
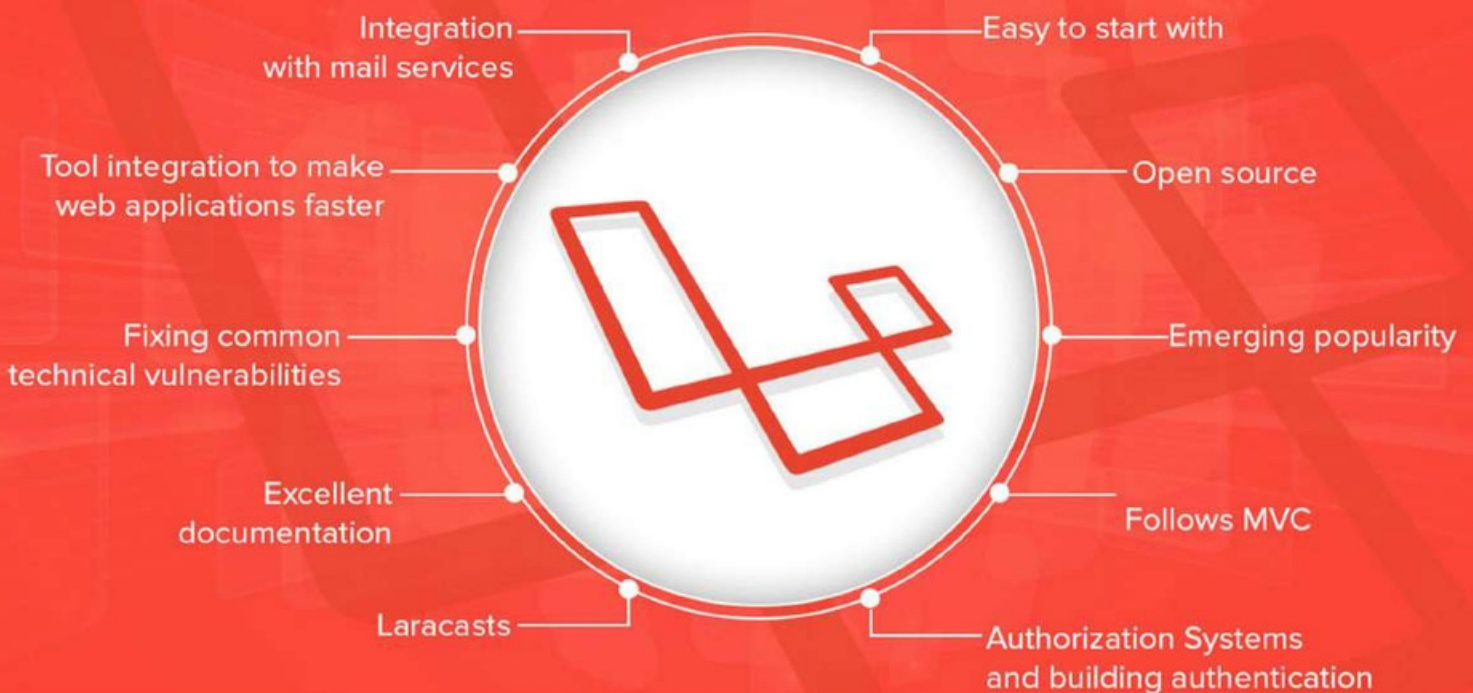- Optimization Techniques for Laravel Applications

7. Laravel APIs and Web Services

- Introduction to APIs and Web Services
- Creating RESTful APIs with Laravel
- Consuming Web Services with Laravel

8. Deploying and Maintaining a Laravel Application

- Deploying a Laravel Application to a Web Server
- Testing and Debugging
- Application Maintenance and Updates
- Performance Optimization

10+ Benefits To Develop
Your Web App In LARAVEL

Integration with mail services

Easy to start with

Tool integration to make web applications faster

Open source

Fixing common technical vulnerabilities

Emerging popularity

Excellent documentation

Follows MVC

Laracasts

Authorization Systems and building authentication

Laravel

Most popular PHP framework

Assessment and Evaluation:

- Quizzes and exams
- Class participation and discussion
- Assignments and Projects
- Final Project (Full Stack Web Application)

100% Placement Support and Interview Grooming

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