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Training Mode: Half-day Theory + Half-day Practical (Real-time Project Implementation)

Duration: 6 Days

Tech Stack: PHP, Laravel 11.x, MySQL, REST APIs, Blade Templates

DAY	PRODUCT DESCRIPTION	Practical / Real-Time Implementation
Day 1	<ul style="list-style-type: none"> • Introduction to Laravel & MVC • Laravel Installation & Environment Setup • Laravel Directory Structure • Artisan CLI Basics 	<ul style="list-style-type: none"> • Install Laravel Project • Run php artisan commands • Configure .env for DB connection
DAY 2	<ul style="list-style-type: none"> • Routing (Basic & Named) • Route Parameters • Controllers • Blade Templating • Layouts, Sections, Includes 	<ul style="list-style-type: none"> • Create routes and controllers for Home, About, and Contact pages • Create Blade templates and master layout
DAY 3	<ul style="list-style-type: none"> • Database Configuration • Migrations & Seeding • Eloquent ORM: CRUD Operations • Model Relationships (One to One, One to Many) 	<ul style="list-style-type: none"> • Create users and posts tables • Seed data for users and posts • Perform CRUD using Eloquent

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DAY	PRODUCT DESCRIPTION	Practical / Real-Time Implementation
DAY 4	<ul style="list-style-type: none"> • Routing (Basic & Named) • Route Parameters • Controllers • Blade Templating • Layouts, Sections, Includes 	<ul style="list-style-type: none"> • Create routes and controllers for Home, About, and Contact pages • Create Blade templates and master layout
DAY 5	RESTful API Concepts API Routes & Controllers API Resources & Collections API Authentication (Passport / Sanctum)	<ul style="list-style-type: none"> • Build a Todo List API with CRUD operations • Test API using Postman • Implement Token-based API authentication
DAY 6	<ul style="list-style-type: none"> • Real-time Project: Blog / Todo Manager • User Registration & Login (if time permits) • Post Create, List, Update, Delete • Image Upload & Display • API for Posts • Pagination, Search (if time permits) • Deployment Basics • Laravel Debugging & Security Tips 	<ul style="list-style-type: none"> • Develop full project • Test with Postman and browser • Deploy project on cPanel / or local Docker • Push project to GitHub • Project Q&A & Code Review