

Web Development Training Supporting Document

A client-ready course outline covering frontend development, PHP, MySQL, and Laravel.

Format: Online guided training **Duration:** 6 weeks **Generated:** July 21, 2026

Program Summary

This training is designed for learners who want practical web development skills. Students progress from HTML, CSS, and JavaScript foundations into PHP, database-driven CRUD workflows, authentication basics, and Laravel project delivery.

What Learners Will Cover

Frontend Development

Build responsive, modern interfaces with production-ready practices.

- HTML5 and semantic structure
- CSS3 layouts and component styling
- JavaScript fundamentals and DOM logic
- Responsive design with Bootstrap 5

PHP and MySQL

Understand backend architecture and data handling fundamentals.

- PHP syntax and control flow
- Database design and SQL basics
- CRUD operations and form handling
- Authentication and validation patterns

Laravel Framework

Develop scalable applications using modern Laravel conventions.

- MVC architecture and routing
- Eloquent ORM and migrations
- Blade templating and components
- REST APIs and deployment basics

6-Week Curriculum

Week	Learning Activities
------	---------------------

Week 1: Frontend Foundations	• Development environment setup and workflow basics • Semantic HTML and page structure best practices • CSS fundamentals and responsive layouts • Component-based styling patterns
Week 2: JavaScript Essentials	• JavaScript syntax, variables, and functions • DOM manipulation and event handling • Validation, interactivity, and debugging fundamentals • Practical mini-project exercises
Week 3: PHP and Databases	• PHP basics, control structures, and reusable logic • MySQL schema design and relational principles • CRUD operations and server-side form handling • Intro to authentication and session management
Week 4: Advanced PHP Workflows	• Code organization, reusable functions, and clean architecture • Form validation and error handling strategies • Security basics for web applications • Backend feature implementation practice
Week 5: Laravel Fundamentals	• Laravel project setup and routing • Controllers, models, and migrations • Blade templates and reusable views • Authentication and authorization patterns
Week 6: Capstone Laravel Project	• Plan and build a complete web application • Apply full-stack best practices from the course • Testing, refinement, and deployment preparation • Project presentation and review feedback

Ideal Learners

- Beginners who want structured guidance from the ground up.
- Students building portfolio-ready technical skills.
- Job seekers preparing for practical web development roles.
- Entrepreneurs who want to understand and manage digital products.

Contact

Email: muki@zama.co.ke

Phone: +254725345345