ZAMA WEB EXPERTS

# 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:** November 29, 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 |
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| **Week 1: Frontend Foundations** | • Development environment setup and workflow basics<br>• Semantic HTML and page structure best practices<br>• CSS fundamentals and responsive layouts<br>• Component-based styling patterns |
| **Week 2: JavaScript Essentials** | • JavaScript syntax, variables, and functions<br>• DOM manipulation and event handling<br>• Validation, interactivity, and debugging fundamentals<br>• Practical mini-project exercises |
| **Week 3: PHP and Databases** | • PHP basics, control structures, and reusable logic<br>• MySQL schema design and relational principles<br>• CRUD operations and server-side form handling<br>• Intro to authentication and session management |
| **Week 4: Advanced PHP Workflows** | • Code organization, reusable functions, and clean architecture<br>• Form validation and error handling strategies<br>• Security basics for web applications<br>• Backend feature implementation practice |
| **Week 5: Laravel Fundamentals** | • Laravel project setup and routing<br>• Controllers, models, and migrations<br>• Blade templates and reusable views<br>• Authentication and authorization patterns |
| **Week 6: Capstone Laravel Project** | • Plan and build a complete web application<br>• Apply full-stack best practices from the course<br>• Testing, refinement, and deployment preparation<br>• 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

This document was generated from the public training content on the Zama Web Experts website.