Proposal for Website Redevelopment with Custom CMS

Project Overview

We propose the redevelopment of the existing WordPress website into a high-performance, scalable web platform using a custom-built CMS developed in PHP Laravel Framework with PostgreSQL database support, fully optimized for deployment on the client’s Linux server infrastructure.

The objective of this redevelopment is to provide:

* Better performance and scalability
* Enhanced security architecture
* Full control over content management workflows
* Optimized server resource utilization
* Future-ready modular architecture
* Compliance with accessibility and disability standards

Proposed Technology Stack

Frontend

* HTML5
* CSS3
* Bootstrap / Tailwind (as required)
* JavaScript / jQuery

Backend

* PHP Laravel Framework (Latest Stable Version)

Database

* PostgreSQL

CMS

* Fully Custom Backend CMS
* Role-based Admin Access
* Dynamic Content Management
* SEO Management Features
* Media & File Management

Accessibility & Disability Compliance

The website will be developed in alignment with accessibility standards and disability guidelines referenced by:

https://www.sebi.gov.in/accessibility-features.html

The implementation will include:

* Keyboard Navigation Support
* Screen Reader Compatibility
* Proper Color Contrast Ratios
* Accessible Forms & Labels
* Alt Text for Images

* Semantic HTML Structure
* Responsive & Adaptive Layouts
* Focus Indicators & Navigation Aids
* Font Scalability Support

Scope of Work

1. Website Redevelopment

* Migration from WordPress architecture to Laravel-based system
* Clean and optimized codebase
* Responsive UI implementation

2. Custom CMS Development

* Dynamic page management
* Content publishing system
* Banner and media management
* SEO metadata management
* User and role management

3. Database Architecture

* PostgreSQL schema planning
* Optimized database structure
* Secure data handling mechanisms

Deliverables

* Fully Functional Website
* Custom Admin CMS
* PostgreSQL Database Setup
* Source Code Handover
* Basic Technical Documentation