

E-Commerce Website Development Roadmap

Project Overview

Tech Stack:

Frontend: HTML, CSS, JavaScript, jQuery

Backend: Core PHP with Laravel Framework

Database: MySQL

Hosting: Hostinger Premium

Project Features:

- Product catalog with variants
- Blog section
- Admin panel with full CMS features
- Shipping & tax management
- Payment gateway integration
- Customer dashboard
- SEO setup

Phase 1: Project Setup

- Install Laravel & configure environment (.env)
- Setup MySQL and initial database
- Create Git repository
- Setup basic Laravel packages (image, SEO, auth)
- Integrate frontend template using Blade

Phase 2: Core Modules Development

Product Management:

- Add/Edit/Delete products
- Category & Subcategory management
- Upload images, add batch, expiry, ingredients

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Blog System:

- Blog CRUD in admin panel
- Blog listing on frontend with SEO-friendly URLs

Order System:

- Cart & checkout
- Apply coupon/discount
- State-wise tax calculation

Phase 3: Advanced Functionalities

- Shipping zone setup & pincode check
- Show delivery timeline on product page
- Payment gateway (Razorpay/Stripe)
- Optional: SMS & Shipping APIs

Phase 4: Customer Dashboard

- Login/registration
- Order history
- Saved addresses
- Wishlist
- Profile edit

Phase 5: Admin Panel Features

- User management
- Product & blog management
- Order overview & status update
- Shipping zone & tax configuration
- SEO meta info per page

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Phase 6: SEO Optimization

- Meta title & description for all pages
- SEO-friendly slugs
- Schema.org markup
- OG tags for social media
- Image alt tags
- Sitemap.xml, robots.txt, canonical tags

Phase 7: Deployment

- Deploy on Hostinger
- Setup SSL
- Configure SMTP for email
- Create database backups
- Final QA & testing