

E-Commerce Website Project Document

Project Overview

This document outlines the full project scope, client requirements, and technical specifications for developing a complete **E-Commerce Website**. The purpose is to guide both the client and development team in understanding objectives, functionalities, and deliverables.

Client Details

Client Name: *[Enter Client Name]*

Business Name: *[Enter Business/Brand]*

Industry: Retail / Online Shopping / Multi-Vendor / Custom

Email: *[Client Email]*

Phone: *[Client Contact]*

Address: *[Client Business Address]*

Project Start Date: *[DD/MM/YYYY]*

Expected Completion: *[DD/MM/YYYY]*

Project Goals

- Build a modern, user-friendly e-commerce platform.
 - Provide seamless shopping and checkout experience.
 - Optimize for desktop, tablet, and mobile devices.
 - Enable easy inventory, product, and order management.
 - Integrate secure payments.
-

Target Audience

- Online buyers looking for reliable shopping experience.
- Repeat customers with loyalty features.
- New users browsing products.
- Admin users managing products, orders, and analytics.

Core Features

Customer Features

- User Registration & Login (Email/Password)
- Product Browsing & Filtering
- Product Detail Page
- Add to Cart / Remove from Cart
- Checkout & Order Placement
- Payment Gateway Integration
- Order History Tracking
- Profile Management

Admin Features

- Admin Login
 - Add / Edit / Delete Products
 - Manage Categories
 - Manage Inventory (Stock Control)
 - View Orders & Update Status
 - Manage Users
 - Dashboard Reports
-

Technical Stack

Frontend

- React (Vite)
- Tailwind CSS
- React Router DOM
- Axios

Backend

- Node.js + Express
- MongoDB + Mongoose
- JWT Authentication
- Stripe Payment Gateway (or Razorpay / PayPal)

Hosting

- Frontend: Netlify / Vercel / AWS S3
- Backend: Render / AWS EC2 / DigitalOcean
- Database: MongoDB Atlas

Deliverables

- Fully functional e-commerce web application.
 - Admin Dashboard.
 - Database schema & deployment.
 - Documentation (User guide + Admin guide).
 - API documentation.
 - 30-day support & maintenance.
-

Timeline & Milestones

| Phase | Description | Duration |
|---------|-----------------------|----------|
| Phase 1 | Requirement Analysis | 3 days |
| Phase 2 | UI/UX Design | 5 days |
| Phase 3 | Frontend Development | 10 days |
| Phase 4 | Backend Development | 10 days |
| Phase 5 | Integration & Testing | 7 days |
| Phase 6 | Deployment | 2 days |
| Total | | 37 days |

Cost Estimate

Development Cost: [Enter Amount]

Hosting Cost: [Enter Amount]

Maintenance Cost: [Enter Amount]

Payment Terms: 50% advance, 30% mid-phase, 20% after delivery.

Acceptance Criteria

- All features implemented as required.
- Website responsive on all devices.
- Payment gateway working without errors.
- Admin panel fully functional.
- No major bugs or crashes.