Book E-commerce Website Proposal

1. Project Overview

The Book E-commerce Website aims to create a digital platform for buying, selling, and reviewing books online. The system will support features such as user authentication, book catalog management, a shopping cart, secure payment processing, and order tracking.

2. Project Objectives

- - Provide a user-friendly and responsive online bookstore.
- - Enable secure and efficient purchase transactions.
- - Allow sellers to manage their inventory and track sales.
- - Offer personalized recommendations to improve user engagement.

3. Scope

- - User authentication (login, register, profile management)
- - Book browsing, search, filtering, and categorization
- - Shopping cart and checkout system
- - Order tracking and delivery management
- - Admin dashboard for analytics, book management, and sales reports
- - Customer reviews and ratings

4. Project Deliverables

Deliverable	Description
Requirements Document	Defines features, scope, and user stories
UI/UX Design	Wireframes and interactive prototypes
Frontend Application	Responsive UI (React, Tailwind CSS)
Backend API	RESTful API for managing books, orders, users
Database Schema	Structured data model for users, books, and orders
Deployment & Documentation	Hosting setup and technical documentation

5. Timeline (Estimated Project Schedule)

Phase	Duration	Activities
Initiation & Planning	1 week	Define scope, stakeholders, resources
Requirement Analysis	2 weeks	Gather requirements, write user stories
Design Phase	2 weeks	UI/UX design, prototype approval
Development Phase	6 weeks	Frontend + Backend development
Deployment & Launch	1 week	Hosting setup, go-live, documentation
Maintenance & Updates	Ongoing	Monitor performance, fix bugs, add features

Total Duration: ~12 weeks (3 months)