

Synopsis: Online Bookshop System

1. Introduction

The **Online Bookshop System** is a web-based platform that allows users to browse, search, and purchase books online. Built using **React.js**, the system provides a seamless user experience, enabling book enthusiasts to explore various categories, add books to their cart, and securely place orders. The project also includes an admin panel for managing books, orders, and users.

2. Objectives

- Develop an intuitive, user-friendly online bookstore.
- Provide an efficient book search and filtering system.
- Implement a secure and seamless checkout process.
- Enable real-time order tracking and notifications.
- Offer an admin dashboard for inventory and order management.

3. Scope

The project will cover the following functionalities:

- **User Management:** Sign-up, login, and profile management.
- **Book Catalog:** Display book details (title, author, price, description, etc.).
- **Search & Filter:** Users can search books by title, author, or category.
- **Shopping Cart & Checkout:** Add books to the cart and proceed with secure payment.
- **Order Management:** View past orders and track delivery status.
- **Admin Panel:** Add, update, and delete books; manage user orders.

4. Technologies Used

- **Frontend:** React.js, Ant Design CSS / Bootstrap
- **Backend:** Node.js with Express.js
- **Database:** MongoDB / MySQL
- **Payment Integration:** Stripe, Razorpay, or PayPal
- **Authentication:** Firebase Auth / JWT-based authentication

5. Features

- **User Authentication:** Sign-up, login, logout, and profile management.
- **Book Listings:** Display books with images, descriptions, and pricing.
- **Search & Filter:** Find books by title, author, or category.
- **Cart & Checkout:** Add books to the cart and make payments.
- **Order History & Tracking:** View past purchases and track orders.
- **Admin Dashboard:** Manage books, users, and orders.