

Team ID : LTVIP2025TMID59537
Project Name : Booknest where stories nestle

Backend Development

Setup express server

Create index.js file in the server (backend folder).

Create a .env file and define port number to access it globally.

Configure the server by adding cors, body-parser.

User Authentication:

Create routes and middleware for user registration, login, and logout.

Set up authentication middleware to protect routes that require user authentication.

Define API Routes:

Create separate route files for different API functionalities such as users orders, and authentication.

Define the necessary routes for listing products, handling user registration and login, managing orders, etc.

Implement route handlers using Express.js to handle requests and interact with the database.

Implement Data Models:

Define Mongoose schemas for the different data entities like products, users, and orders.

Create corresponding Mongoose models to interact with the MongoDB database.

Implement CRUD operations (Create, Read, Update, Delete) for each model to perform database operations.

User Authentication:

Create routes and middleware for user registration, login, and logout.

Set up authentication middleware to protect routes that require user authentication.

Error Handling:

- Implement error handling middleware to catch and handle any errors that occur during the API requests.
- Return appropriate error responses with relevant error messages and HTTP status codes.

Reference Link:-

https://drive.google.com/file/d/1QwDswQXZ8e22PxYTb4HEmvJFQ9AzQR3F/view?usp=drive_link