Book Review Board — MERN Fullstack Application

Overview

Book Review Board is a MERN (MongoDB, Express, React, Node.js) full-stack application that allows users to:
- Register and log in using secure JWT-based authentication.
- Add, edit, and delete books they own
- Write reviews for books.
- Search for books by title.
- View only the books they've added in a My Books section.
- See book details along with reviews from all users.

Features

- Authentication
- User Registration with name, email, and password.
- User Login with JWT authentication.
- - asswords hashed securely with `bcryptjs`.

Books
- Add New Book — title, author, description, and cover image.
- View All Books — newest first.
- Search Books by Title — instant filtering using a search bar.
- Edit/Delete Reviews
- Add a review to any book (rating + comment).
- View all reviews for a book with reviewer names.

Access Control
- Only the book owner can edit or delete it.
- Other users can view but not modify someone else's books.
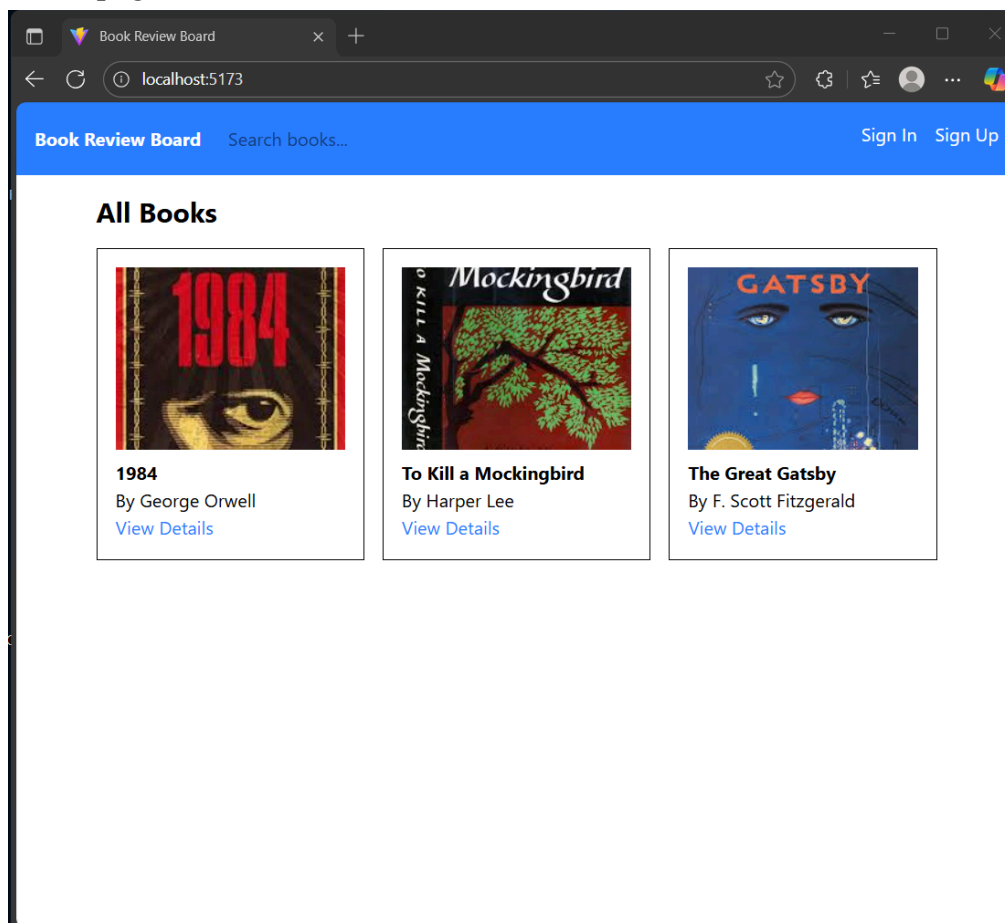

Tech Stack
Frontend:
- - React + Vite
- - Axios for API calls

- - React Router for navigation
- - Tailwind CSS for styling

Backend:
- - Node.js + Express.js
- - MongoDB + Mongoose
- - JWT for authentication
- - bcryptjs for password hashing
- - express-validator for input validation

Home page:

Login

Login

anjana@gmail.com

•••••••••

Login

Sign-up

Register

Name

anjana@gmail.com

•••••••••

Register

After login :
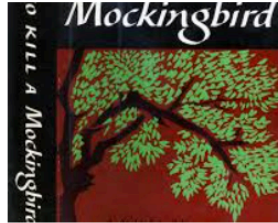
All Books

1984
By George Orwell
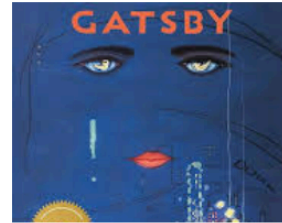View Details

To Kill a Mockingbird
By Harper Lee
View Details

The Great Gatsby
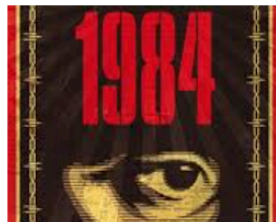By F. Scott Fitzgerald
View Details

Add a new book

Add New Book

Title

Author

Description

Cover Image URL

Add Book

Add New Book

Ram C/O Anandi

Anoop Chandran

A touching tale exploring the bond between Ram and Anandi, set in a traditional Kerala village with themes of love, loss, and resilience.

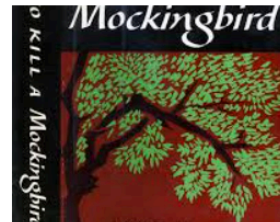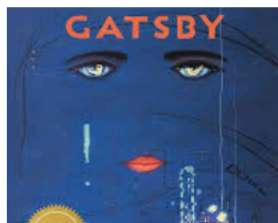data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQABAAD/

Add Book

All Books

Ram C/O Anandi
By Anoop Chandran
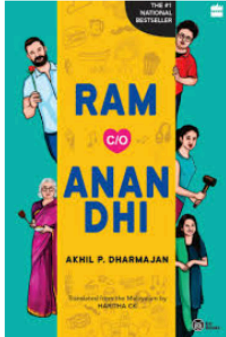View Details

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A touching tale exploring the bond between Ram and Anandi, set in a traditional Kerala village with themes of love, loss, and resilience.

Reviews

Add Review

Rating (1-5)

Comment

Add Review

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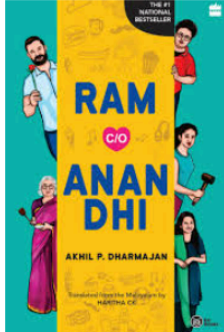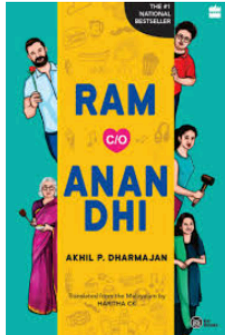
Reviews

Rating: 3/5
super story
By You

Add Review

Rating (1-5)

Comment

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By Anjana A R