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BOOK SELLING PLATFORM DOCUMENTATION

TECHNOLOGY STACK
Backend: Laravel 12
Roles & Permissions: Spatie Laravel Permission
Media Management: Spatie Media Library
Slugs: Spatie Laravel Sluggable
Database: MySQL
Frontend: Blade Templates with Bootstrap (AdminLTE)

Ubuntu linux in used as development environment inside virtual machine
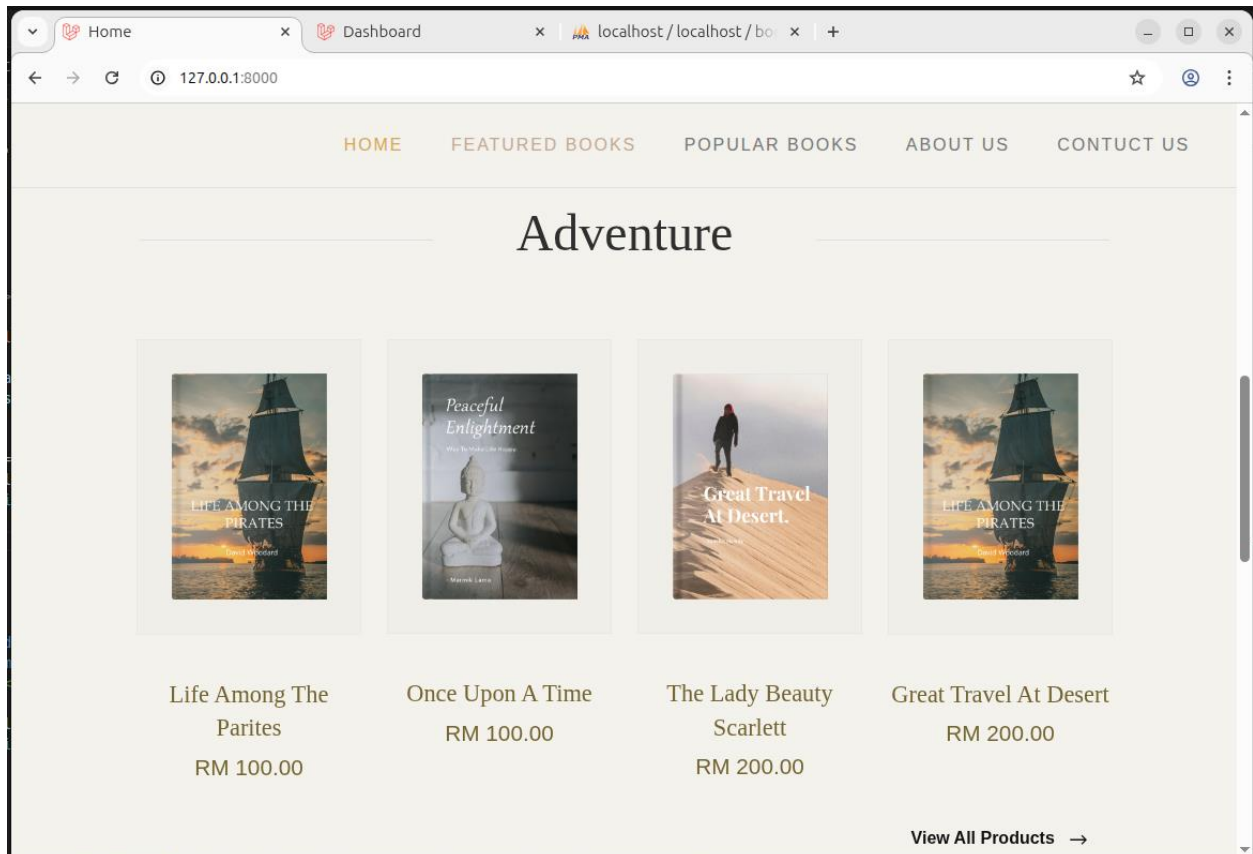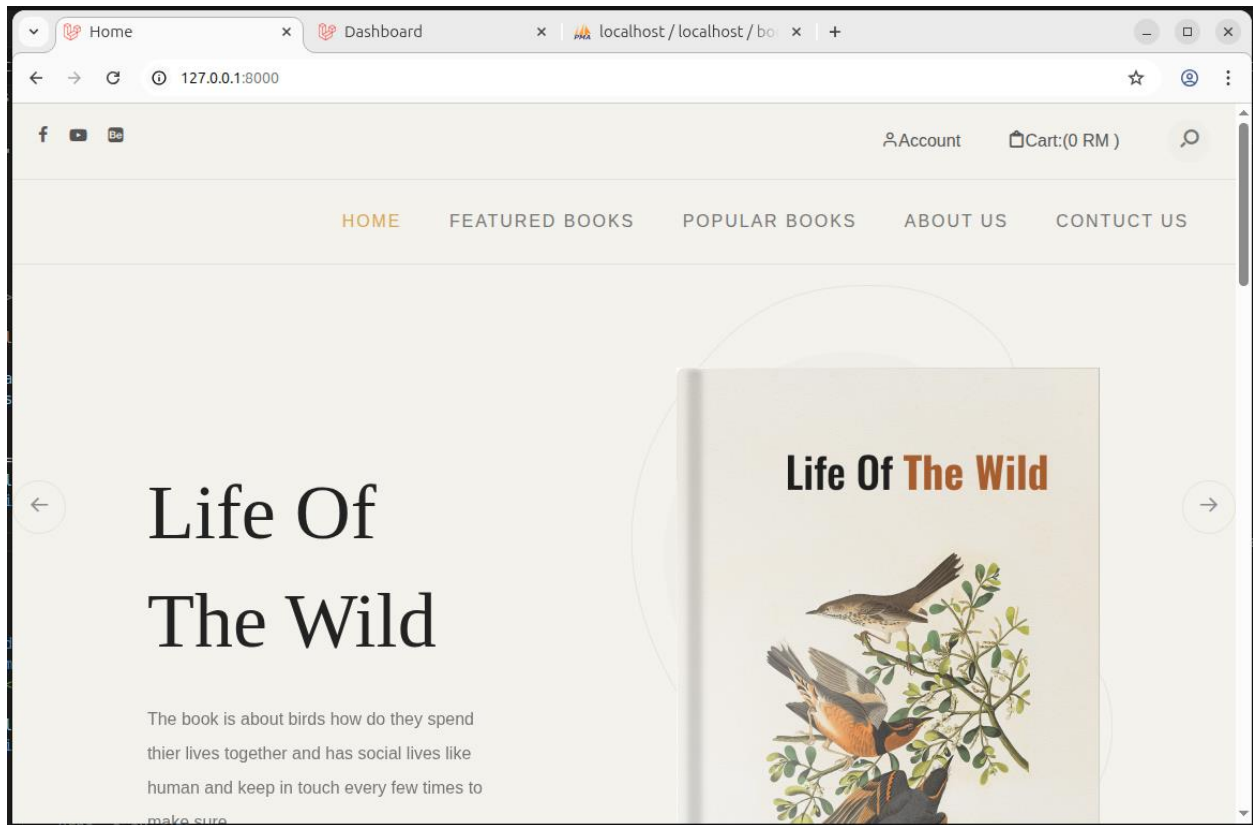
1. PLATFORM OVERVIEW
   The Book Selling Platform is designed to allow Admins to manage the system and Sellers to upload and sell books. The platform focuses on security, simplicity, and a smooth user experience.
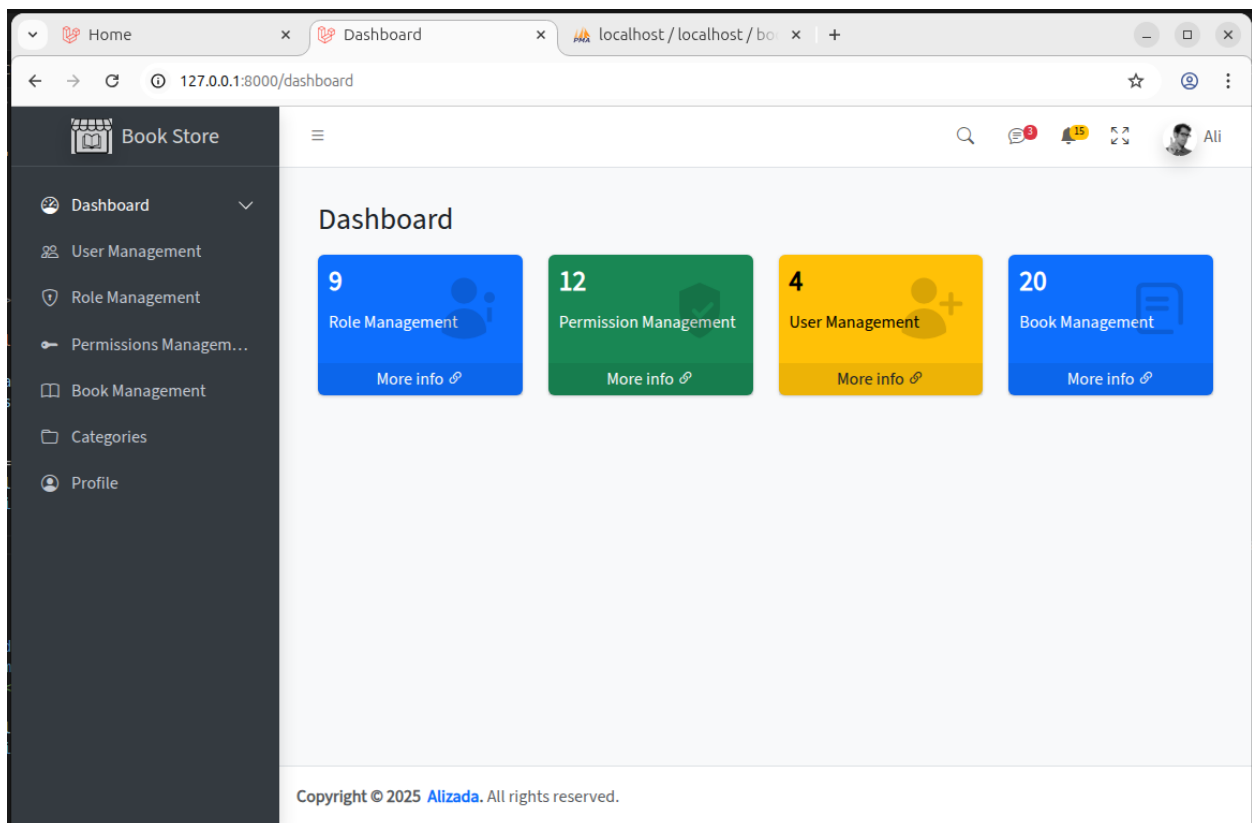
Name: Ali Alizada
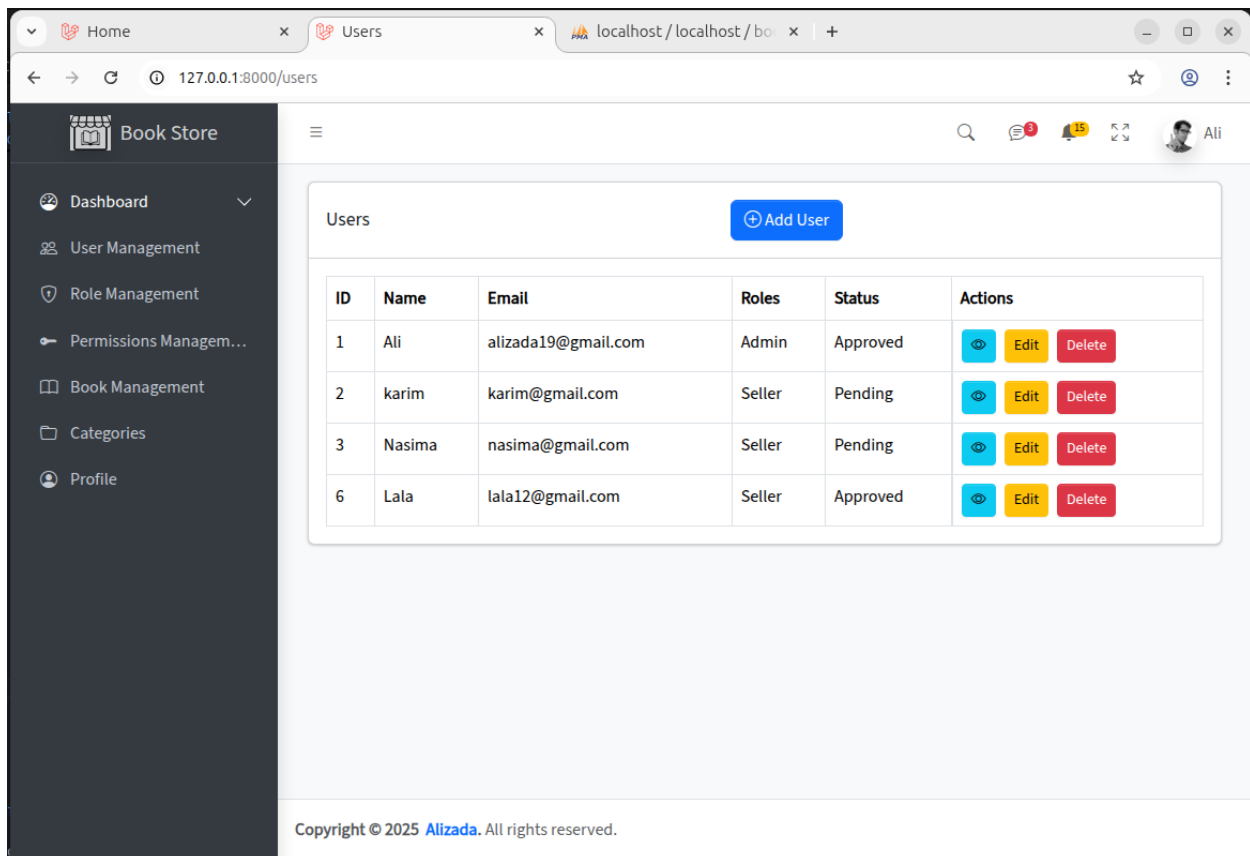E-Mail: alizada19@gmail.com
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2. USER ROLES AND PERMISSIONS

ADMIN ROLE
Admins have full control over the platform and can:

- Manage users (Admin and Seller)
- Approve seller registrations
- Create, update, and delete book categories
- Monitor books uploaded by sellers

SELLER ROLE
Sellers can manage their own store by:

- Registering as a seller
- Updating personal profile information
- Uploading and managing their own books

Note: Sellers can upload books only after Admin approval.

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Seller Dashboard

127.0.0.1:8000/books

Book Store

- Dashboard
- User Management
- Role Management
- Permissions Managem...
- Book Management
- Categories
- Profile

Book List ⊕ Add Book

ID	Title	Description	Price	Seller	Category	Actions
40	Life among the parites	Life among the parites and tough situation, How to pass and change the condition to you side	100.00	Nasima	Adventure	👁 ✏ 🗑
39	Tips of simple lifestyle	Tips of simple lifestyle	300.00	Nasima	Romance	👁 ✏ 🗑
38	Portrait photography	Portrait photography	120.00	Nasima	Romance	👁 ✏ 🗑
37	Once upon a time	Once upon a time	100.00	Nasima	Adventure	👁 ✏ 🗑
36	The lady beauty Scarlett	The lady beauty Scarlett	200.00	Nasima	Adventure	👁 ✏ 🗑
35	Great travel at desert	Great travel at desert	200.00	Nasima	Adventure	👁 ✏ 🗑
34	Simple way of piece life	Simple way of piece life	100.00	Nasima	Adventure	👁 ✏ 🗑

Book Details

127.0.0.1:8000/books/life

Book Store

- Dashboard
- User Management
- Role Management
- Permissions Managem...
- Book Management
- Categories
- Profile

Nasima
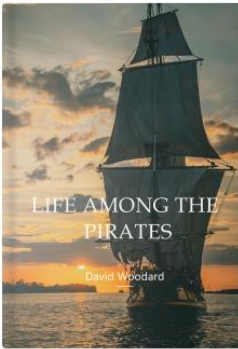
Book Details

LIFE AMONG THE PIRATES
David Woodard

Title	Life among the parites
Description	Life among the parites and tough situation, How to pass and change the condition to you side
Category	Adventure
Price	RM 100.00
Added On	14 Dec 2025

✏ Edit

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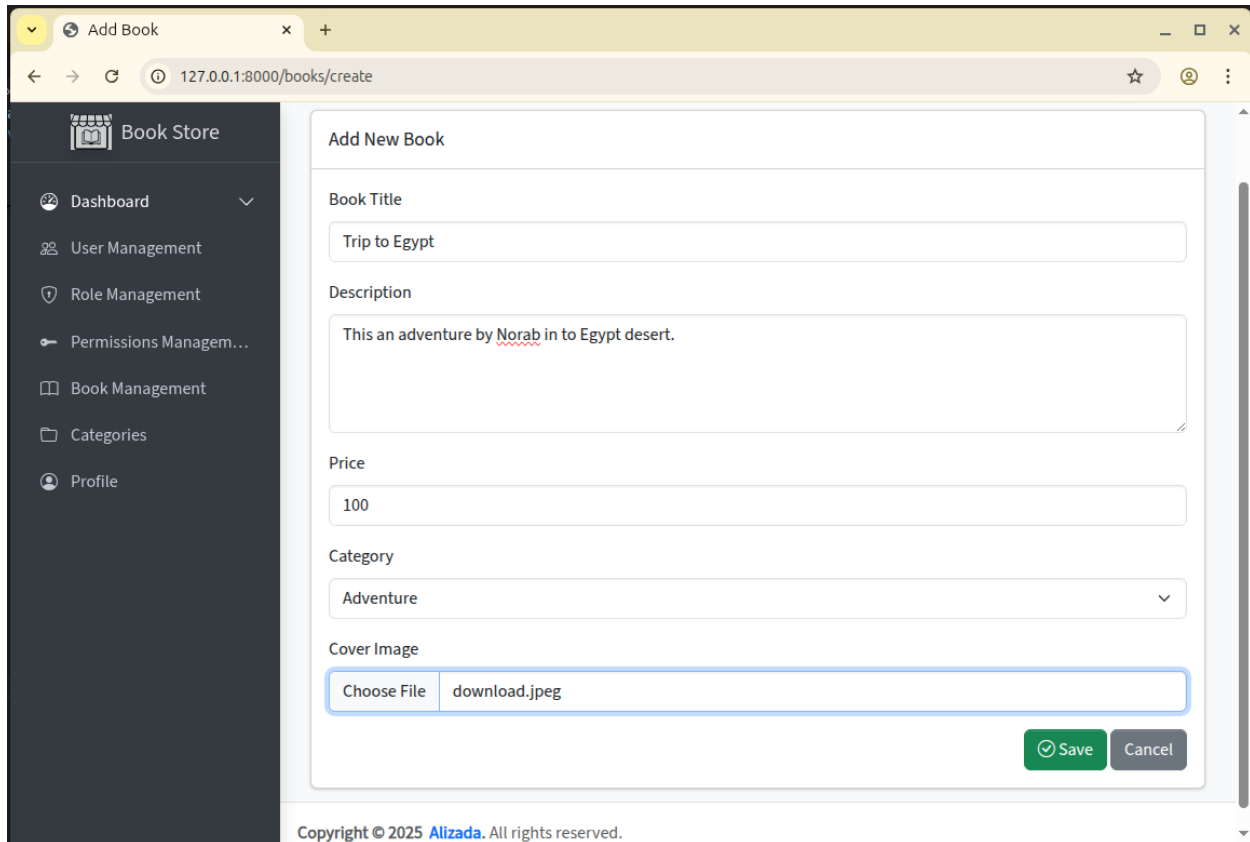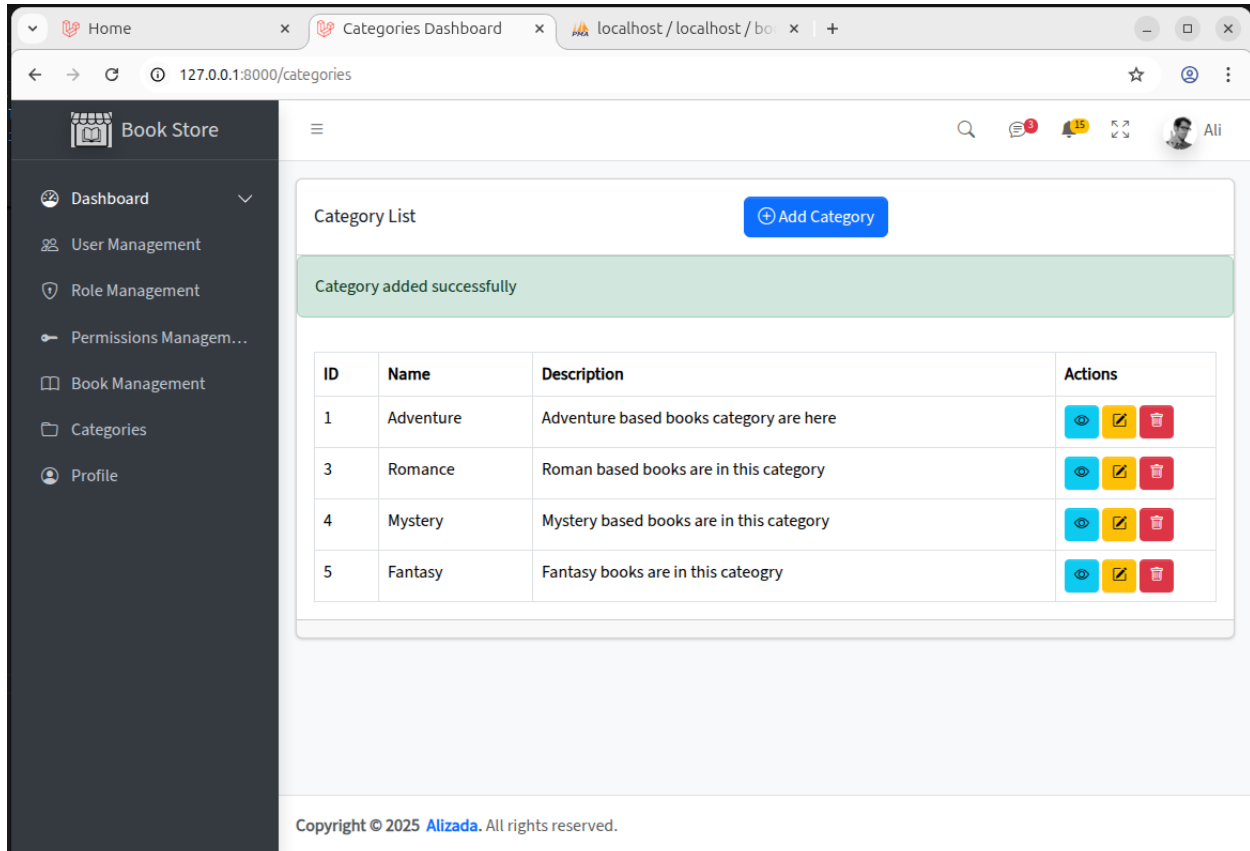E-Mail: alizada19@gmail.com
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3. BOOK MANAGEMENT

BOOK UPLOAD
Approved sellers can upload books with the following details:

- Book title
- Description
- Price
- Category
- Cover image

Book images are handled using Spatie Media Library for secure and optimized file storage.

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SEO-FRIENDLY URLS
Each book uses a slug-based URL instead of an ID.

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4. BOOK CATEGORIES

- Categories are created and managed by Admin
- Categories help organize books efficiently

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5. SECURITY AND DATA PROTECTION

- Secure authentication using Laravel built-in authentication
- Role-based access control using permissions
- Protected routes using middleware
- Password hashing and encrypted sensitive data

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6. USER INTERFACE AND USER EXPERIENCE

DESIGN PRINCIPLES

- Simple and clean interface
- Easy-to-use forms with validation messages
- Responsive layout for better usability

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7. SEARCH AND PERFORMANCE OPTIMIZATION

- Optimized database queries
- Pagination implemented for faster page loading

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8. CONCLUSION
The Book Selling Platform is built with scalability, security, and simplicity in mind. By using Laravel and Spatie packages, the system provides a clean architecture, strong access control, and an efficient workflow for both Admins and Sellers.

Note: The source code is uploaded on my githup repository

https://github.com/Alizada19/Book-Store.git