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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

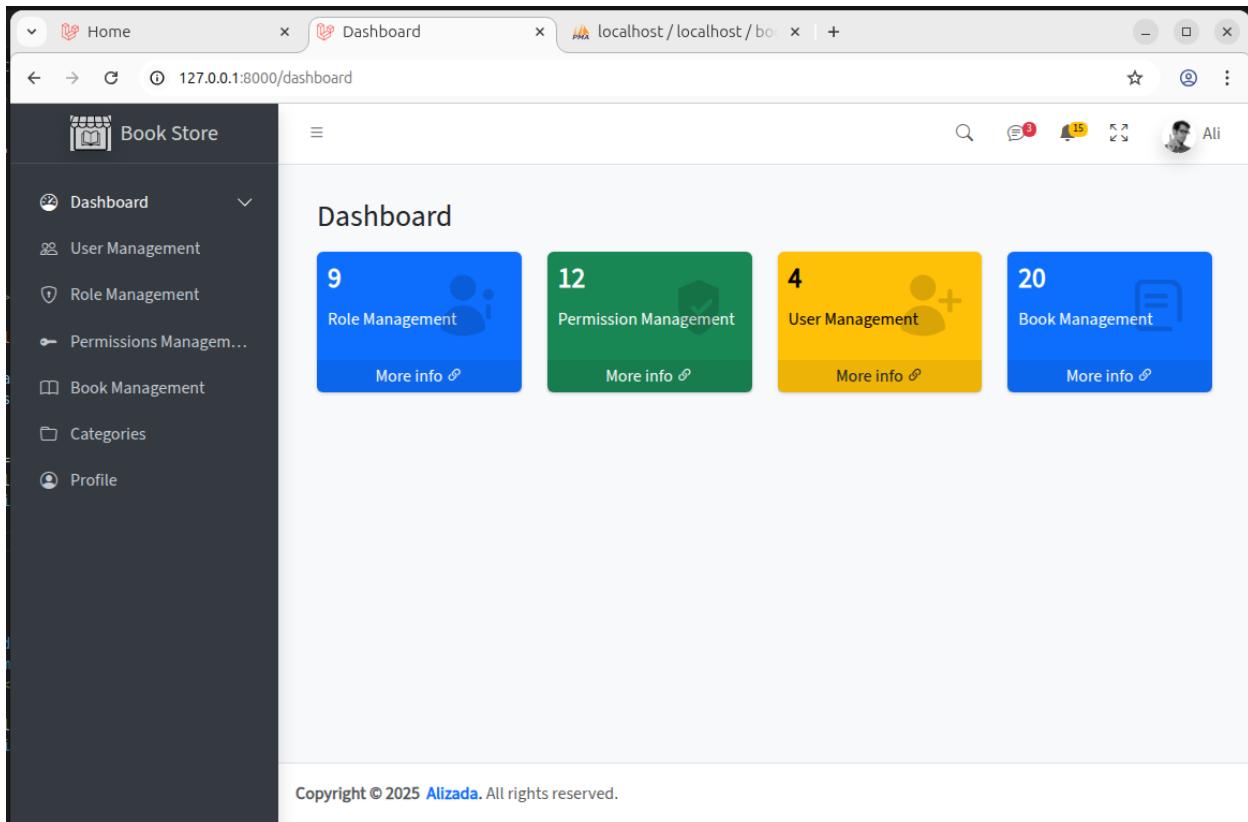
Database: MySQL

Frontend: Blade Templates with Bootstrap (AdminLTE)

Ubuntu linux is 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.



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The book is about birds how do they spend thier lives together and has social lives like human and keep in touch every few times to make sure.

Book Title	Author	Price
Life Among The Parites	David Woodard	RM 100.00
Once Upon A Time	Marmik Lala	RM 100.00
The Lady Beauty	Scarlett	RM 200.00
Great Travel At Desert	David Woodard	RM 200.00

[View All Products →](#)

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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

ID	Name	Email	Roles	Status	Actions
1	Ali	alizada19@gmail.com	Admin	Approved	Edit Delete
2	karim	karim@gmail.com	Seller	Pending	Edit Delete
3	Nasima	nasima@gmail.com	Seller	Pending	Edit Delete
6	Lala	lala12@gmail.com	Seller	Approved	Edit Delete

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 List

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 Details

	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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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.

The screenshot shows a web browser window with the URL `127.0.0.1:8000/books/create`. The page title is "Add Book". On the left, there is a sidebar menu with the following items: Dashboard, User Management, Role Management, Permissions Management, Book Management, Categories, and Profile. The "Book Management" item is currently selected. The main content area is titled "Add New Book" and contains the following fields:

- Book Title: Trip to Egypt
- Description: This an adventure by Norab in to Egypt desert.
- Price: 100
- Category: Adventure
- Cover Image: A file input field showing "download.jpeg".

At the bottom right of the form are two buttons: a green "Save" button with a checkmark icon and a grey "Cancel" button.

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SEO-FRIENDLY URLs

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

The screenshot shows a web application interface for a book store. The left sidebar has a dark theme with white icons and text, listing 'Dashboard', 'User Management', 'Role Management', 'Permissions Management...', 'Book Management', 'Categories', and 'Profile'. The main content area has a light background. At the top, it says 'Book Details' and shows the URL '127.0.0.1:8000/books/tips-of-simple-lifestyle'. Below this is a header bar with a search icon, a notification bell with 3 notifications, and a user profile for 'Nasima'. The central part of the page displays a book cover for 'ONCE UPON A TIME' by 'Kiran Roy', featuring a woman in a white dress with her arms raised in a field. To the right of the cover is a table with the following data:

Title	Tips of simple lifestyle
Description	Tips of simple lifestyle
Category	Romance
Price	RM 300.00
Added On	14 Dec 2025

At the bottom right of the table is a yellow button with a checkmark and the word 'Edit'. At the very bottom of the page, there is a copyright notice: 'Copyright © 2025 Alizada. All rights reserved.'

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4. BOOK CATEGORIES

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

The screenshot shows a web browser window for the 'Categories Dashboard' at localhost:8000/categories. The left sidebar has a dark theme with icons and labels: Dashboard, User Management, Role Management, Permissions Management, Book Management, Categories (which is selected and highlighted in blue), and Profile. The main content area has a light gray background. At the top right, there are user icons for Ali and notifications (3 messages, 15 notifications). A search bar is also present. Below the header, a message box says 'Category added successfully'. A table titled 'Category List' displays five categories:

ID	Name	Description	Actions
1	Adventure	Adventure based books category are here	
3	Romance	Roman based books are in this category	
4	Mystery	Mystery based books are in this category	
5	Fantasy	Fantasy books are in this category	

At the bottom of the page, a footer bar contains the text 'Copyright © 2025 Alizada. All rights reserved.'

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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

The screenshot shows the 'Roles' management page of a Laravel application. The URL is `localhost/localhost/roles`. The page has a sidebar with navigation links: Dashboard, User Management, Role Management, Permissions Management, Book Management, Categories, and Profile. The main content area is titled 'Roles' and contains a table with two rows:

ID	Name	Permissions	Actions
1	Admin	manage users, manage categories, approve sellers, manage books, view orders, update profile	Edit Delete
2	Seller	view orders, update profile	Edit Delete

At the bottom of the page, there is a copyright notice: Copyright © 2025 Alizada. All rights reserved.

The screenshot shows the 'Edit Role' page of the application. The URL is `localhost/localhost/roles/2/edit`. The sidebar is identical to the previous screenshot. The main content area is titled 'Edit Role' and contains a form for editing the 'Seller' role. The 'Role Name' field is pre-filled with 'Seller'. The 'Permissions' section lists several checkboxes, some of which are checked:

- manage users
- manage categories
- approve sellers
- manage books
- view orders
- update profile

A yellow 'Update Role' button is at the bottom of the form.

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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
-

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>