


Book Management Application – Frontend Screenshots:

The frontend of the Book Management Application is built using Angular. This document contains screenshots of all major components and pages for UI demonstration, API integration views, and user flow representation.

The UI is responsive and includes user authentication, CRUD operations on books, dynamic data loading from REST APIs, and interactive UI components. Angular routing and services handle navigation and API communication.

 ng serve

```
Microsoft Windows [Version 10.0.19045.5965]
(c) Microsoft Corporation. All rights reserved.

C:\Users\LENOVO\Desktop\Angular\book-management>npm install
npm WARN deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not u
ore comprehensive and powerful.
npm WARN deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm WARN deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported

added 575 packages, and audited 576 packages in 36s

107 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Users\LENOVO\Desktop\Angular\book-management>code .

C:\Users\LENOVO\Desktop\Angular\book-management>code .

C:\Users\LENOVO\Desktop\Angular\book-management>ng serve
Initial chunk files | Names          | Raw size
main.js            | main           | 55.65 kB |
styles.css         | styles         | 364 bytes |
polyfills.js       | polyfills      | 95 bytes  |
                  | Initial total | 56.10 kB


Application bundle generation complete. [6.163 seconds]

Watch mode enabled. Watching for file changes...
NOTE: Raw file sizes do not reflect development server per-request transformations.
  Local:  http://localhost:4200/
  press h + enter to show help
```

Registration Page:

localhost:4200/register

BookShelf Management Register Login Books Logout



Create Account

Name
Shraddha Gavhare

Email
shraddha@gmail.com

Password
.....


Register

Already have an account? [Login here](#)

localhost:4200/register

BookShelf Management Register Login Books Logout

localhost:4200 says
Registration successful!
OK



Create Account

Name
Shraddha Gavhare

Email
shraddha@gmail.com

Password
.....

Register

Already have an account? [Login here](#)


7 • `select * from user;`

id	email	password	role
1	admin@example.com	\$2a\$10\$.JCXl7RSLpqP2BXVdrRmSevsknriIFEGz/...	ADMIN
2	testuser@example.com	\$2a\$10\$6lEhsItAp5EEJj4uqQLMTuwplNeOMlgS...	USER
3	rahul@gmail.com	\$2a\$10\$pd2iZvGzapRZi2OBhE0TeeYga8gYXmW...	USER
4	swami@gmail.com	\$2a\$10\$uYdPxKjR8CVyFGM.vkUUEptZKq9qz7D...	USER
5	swamis@example.com	\$2a\$10\$82G8afYVWl/9swc.mqHHbt.l9D8iFFIx.w...	USER
6	akshay@gmail.com	\$2a\$10\$6ayJhpMSB/VbGE9Tsm/fvOIC/.2XniUsP...	USER
7	shraddhagavkare13@gmail.com	\$2a\$10\$RCipgyRFT0KT/J2ZnujNge0ELD8cVIAY...	USER
8	shraddha@gmail.com	\$2a\$10\$RKNcO46PR9VrpBMNyTjBguMk6v805Yi...	USER
* NULL	NULL	NULL	NULL

Login Page:

localhost:4200/login

BookShelf Management Register Login Books Logout



Welcome Back

Email
shraddha@example.com

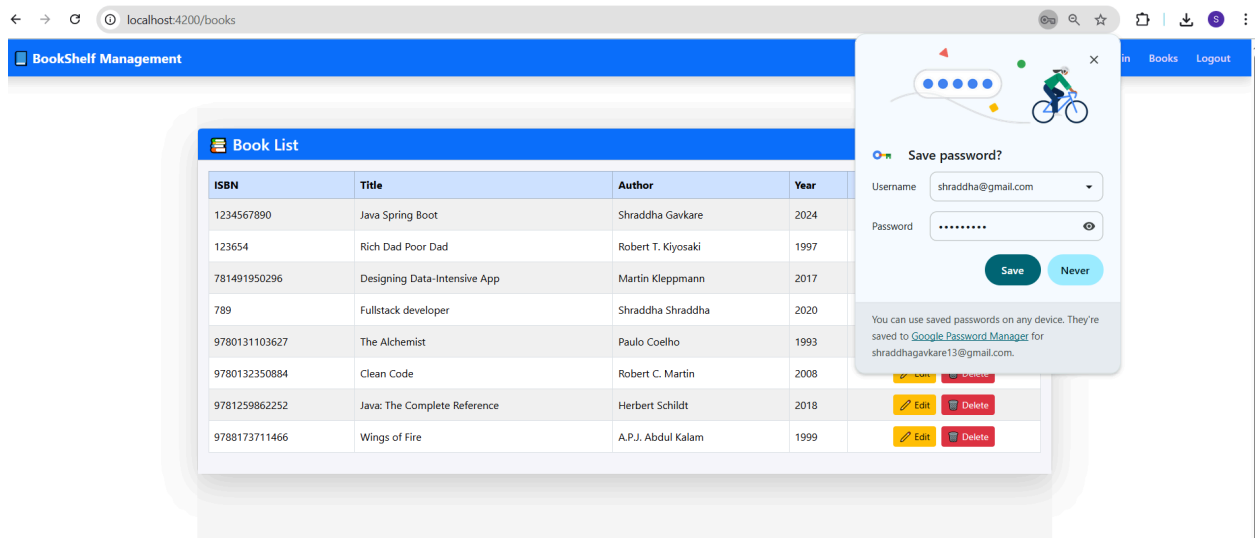
Password
.....

Login

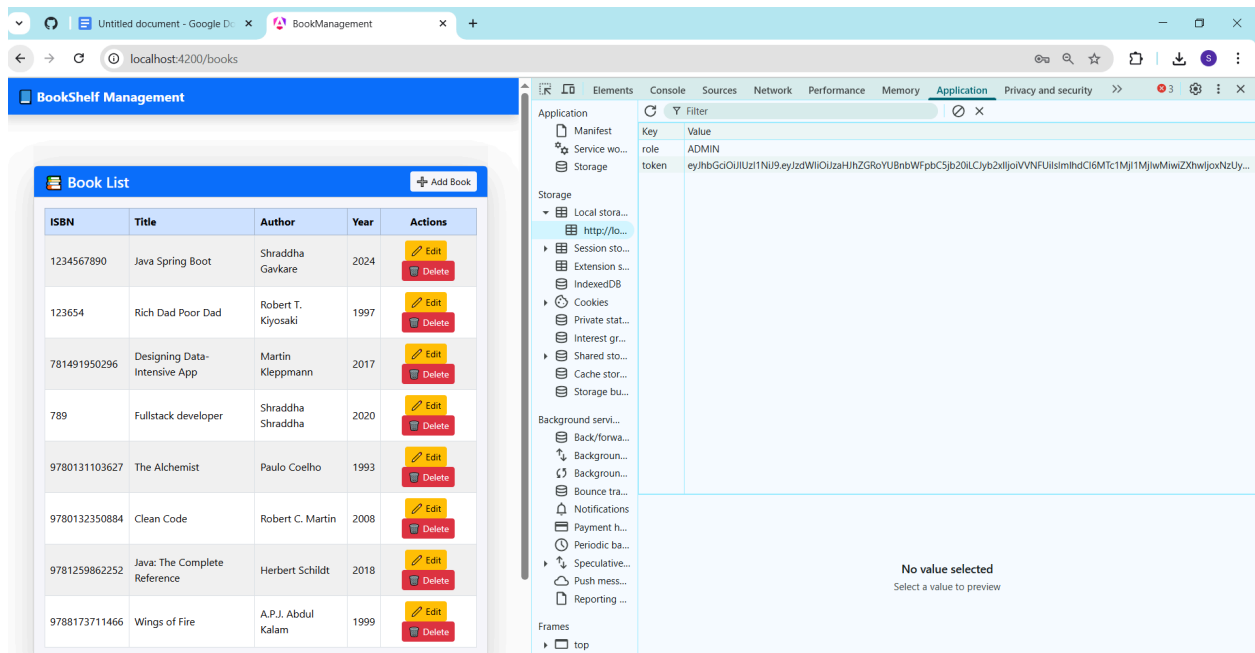
Don't have an account? [Register here](#)

Dashboard:

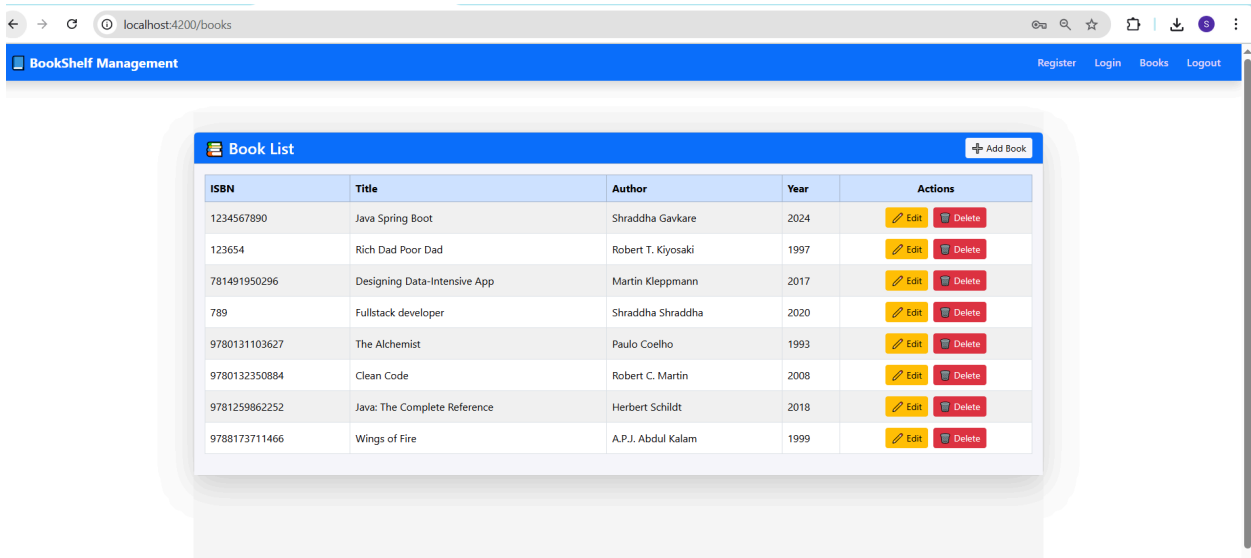
- Description: Landing page after login with user greeting and navigation.



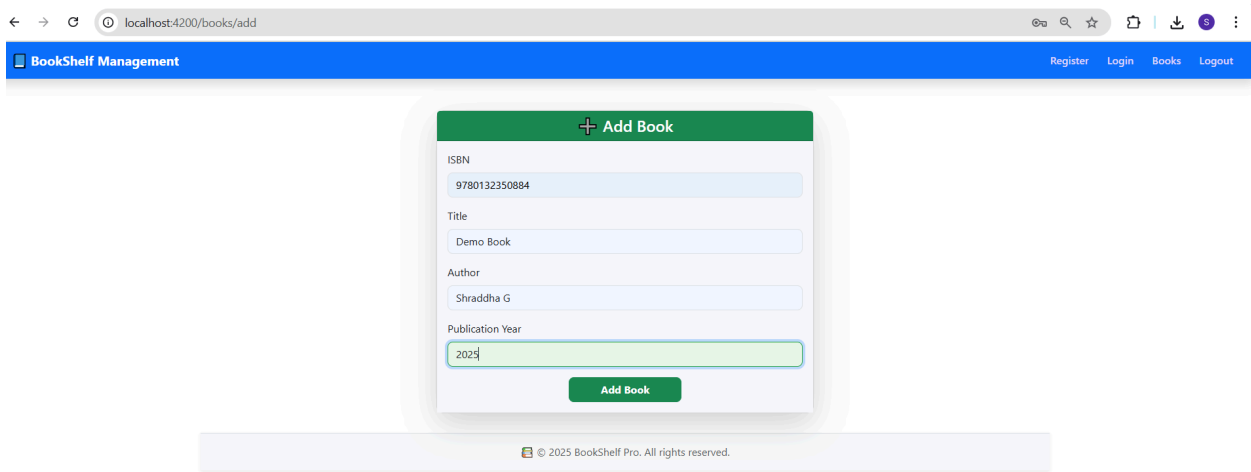
Token Authentication:

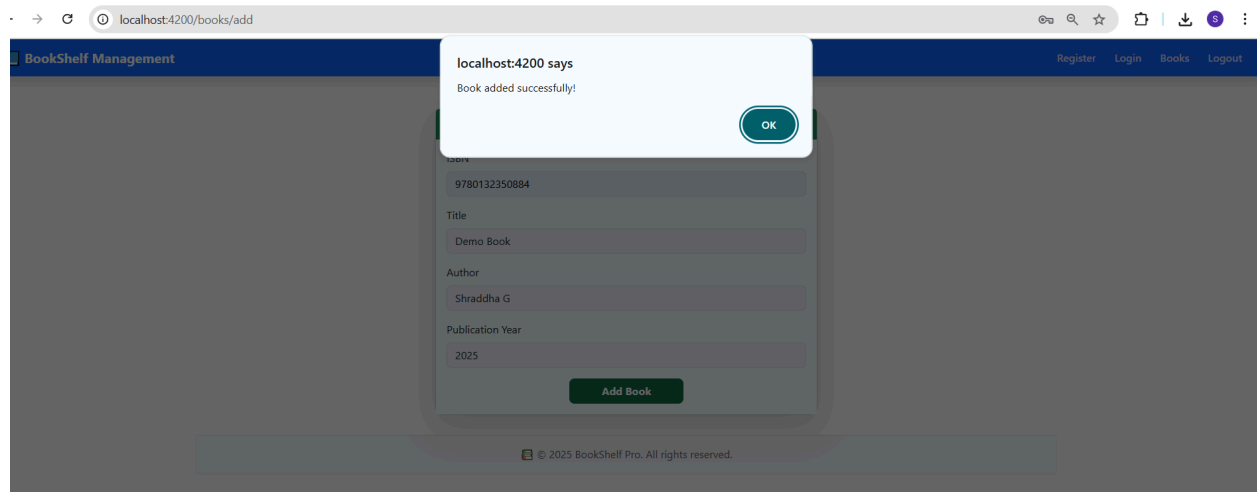


Book Listing:



Add/Edit Book Page:



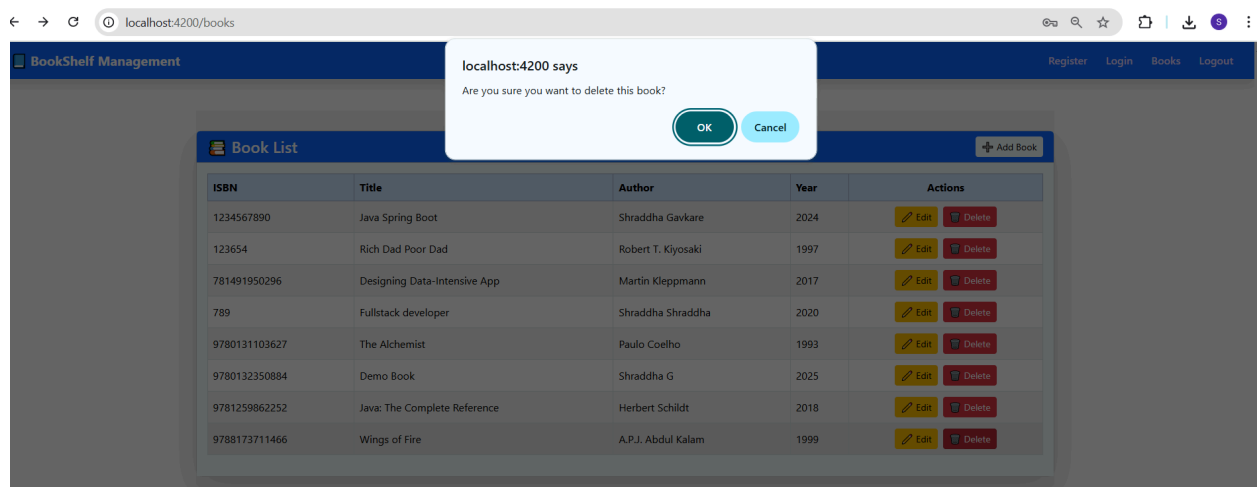


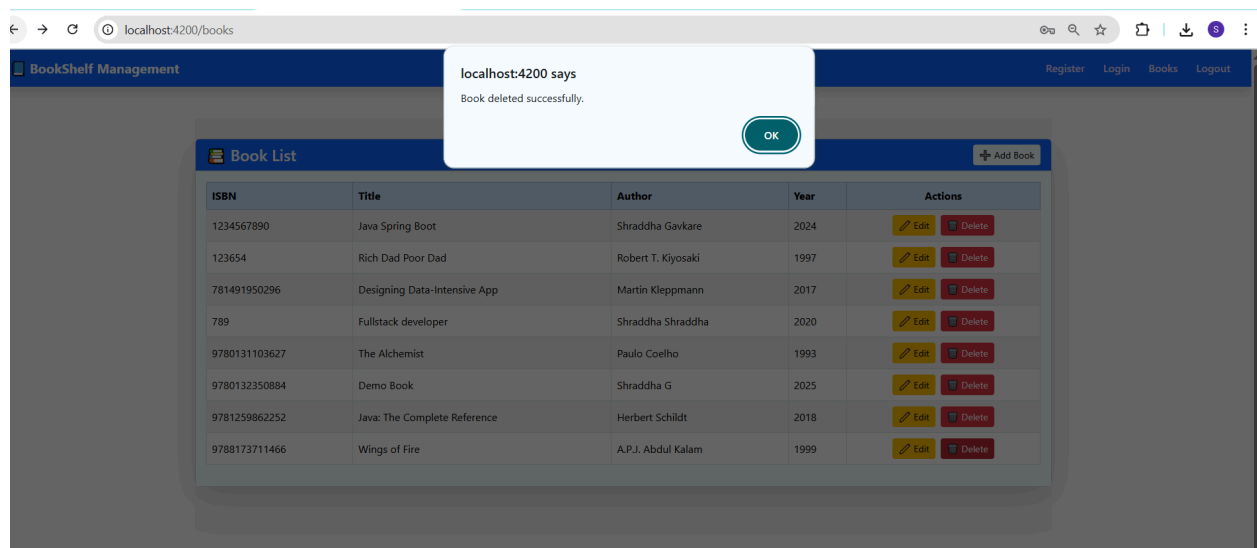
```
6 • select * from book;  
7 • select * from user;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

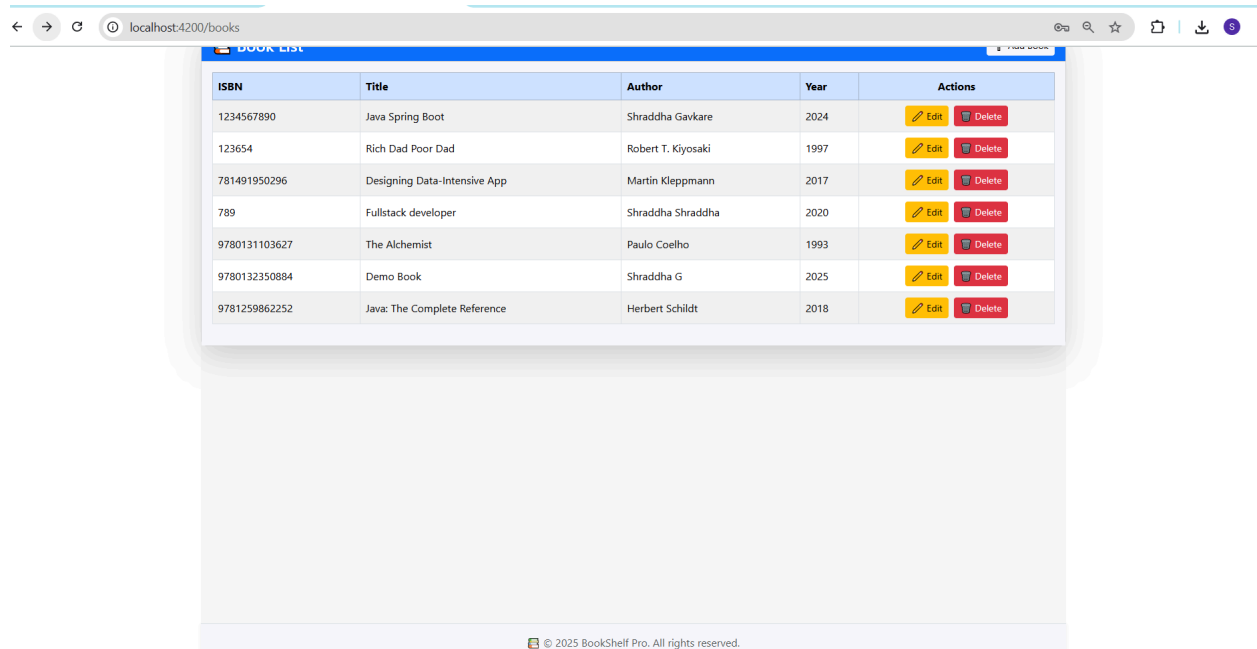
isbn	author	publication_year	title
1234567890	Shraddha Gavkare	2024	Java Spring Boot
123654	Robert T. Kiyosaki	1997	Rich Dad Poor Dad
781491950296	Martin Kleppmann	2017	Designing Data-Intensive App
789	Shraddha Shraddha	2020	Fullstack developer
9780131103627	Paulo Coelho	1993	The Alchemist
9780132350884	Shraddha G	2025	Demo Book
9781259862252	Herbert Schildt	2018	Java: The Complete Reference
9788173711466	A.P.J. Abdul Kalam	1999	Wings of Fire
NULL	NULL	NULL	NULL

Delete particular Book:





Footer:



Conclusion:

The frontend UI of the Book Management Application is clean, user-friendly, and fully integrated with backend REST APIs. It supports CRUD operations and provides feedback through alerts/messages, creating a seamless user experience.