

Team:LibTech

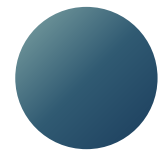
LIBRARY MANAGAEEMENT SYSTEM

Rifah Balquees
Shreya Rangappagari
Sharanya Sandeep
Nityashree
Chahat
Varshitha
Aditi

Introduction

This project is an efficient Library Management System designed to simplify the management of books. Built using Python Flask for the front end and SQLite for the back end, it provides a clean, user-friendly interface for performing library operations.

Key Features



Add Books

Easily add new books to the library database.

Inputs include key details such as:

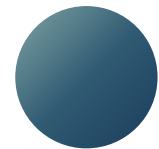
Title

Author

ISBN

Genre

Publication Year



Delete Books

Remove books from the library system using a unique identifier (e.g., Book ID or ISBN).

Ensures seamless removal without affecting database integrity.



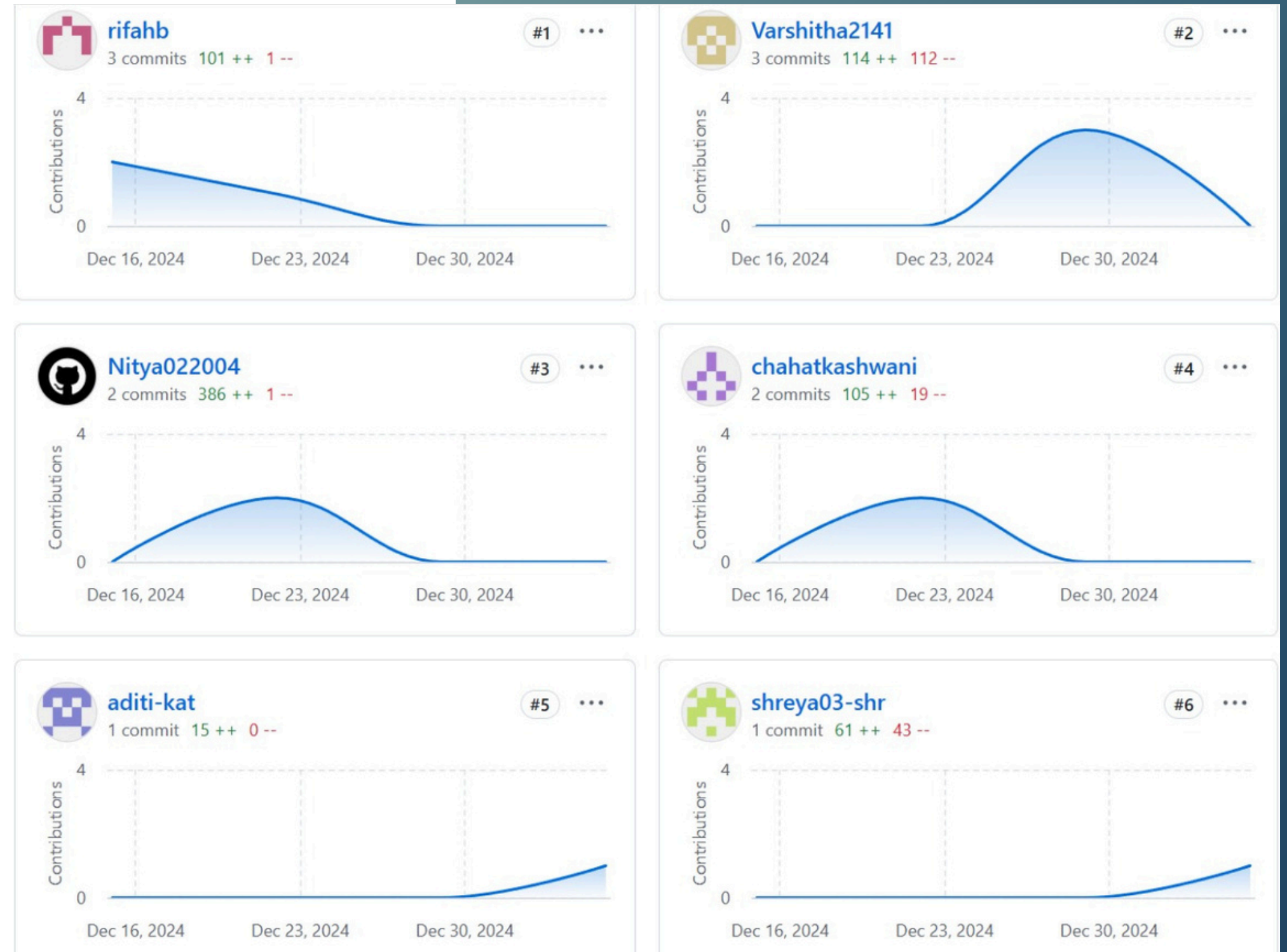
View Books

View a complete list of all books available in the library.

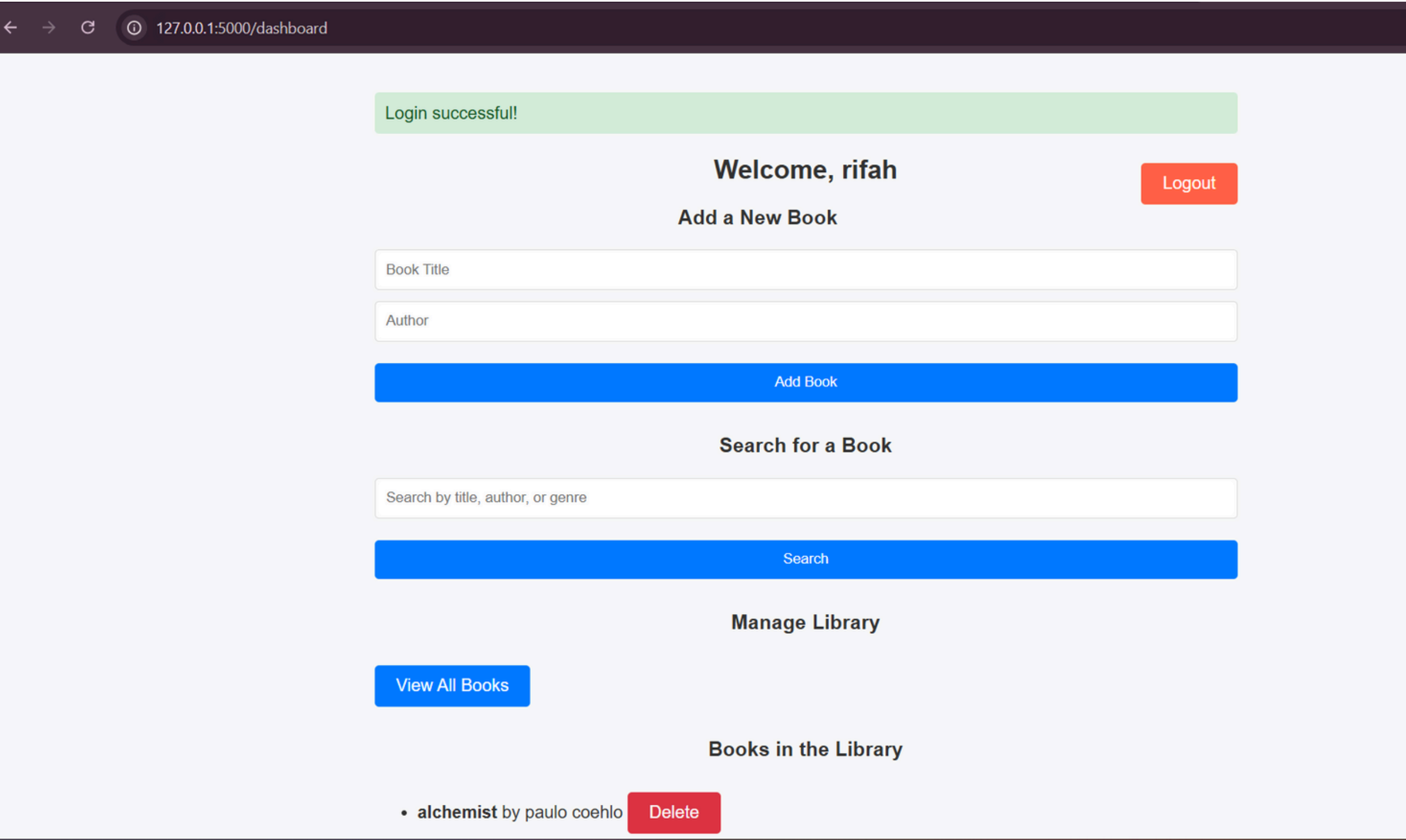
Search and Filters: Locate specific books effortlessly using filters based on title, author, genre, or other attributes.

Roles

- Rifah Balquees-Team Lead
- Nityashree-Developer
- Aditi-Developer
- Chahat-Documentation
- Varshitha-Documentation
- Shreya Rangappagari-Code Reviewer
- Sharanya Sandeep-Code Reviewer



Project Demo



Main Repo

The screenshot shows the GitHub interface for the 'LibraryManagement' repository. The browser address bar displays 'github.com/rifahb/LibraryManagement'. The repository is public and has 1 watch, 2 forks, and 0 stars. The main branch is 'main', with 8 branches and 0 tags. A recent commit by 'rifahb' is highlighted, showing a merge of pull request #17. The commit message is 'Merge pull request #17 from shreya03-shr/main'. The commit hash is '4351da9' and it was made 1 minute ago. The commit includes 22 commits. The file list shows the following changes:

File	Commit Message	Time
static	Update style.css	16 hours ago
templates	Update base.html	last week
.gitignore	Create .gitignore	3 weeks ago
README.md	Update README.md	2 weeks ago
app.py	Updated app.py	2 minutes ago
library.db	Added my files	2 weeks ago
requirements.txt	Create requirements.txt	2 weeks ago

The README section is visible, titled 'Library Management System'. The right sidebar contains the 'About' section, which states 'No description, website, or topics provided.' and lists the repository's activity, including 0 stars, 1 watching, and 2 forks. The 'Releases' section shows 'No releases published' and a link to 'Create a new release'. The 'Packages' section shows 'No packages published' and a link to 'Publish your first package'. The 'Contributors' section shows 6 contributors.

Issues

←

→

↺

github.com/rifahb/LibraryManagement/issues?q=is%3Aissue+is%3Aclosed

📄

☆

🔖

S

⋮

Filters ▾

🔍 is:issue is:closed

🏷️ Labels 9

📌 Milestones 0

New issue

✕ Clear current search query, filters, and sorts

☐

🕒 0 Open

✓ 6 Closed

Author ▾

Label ▾

Projects ▾

Milestones ▾

Assignee ▾

Sort ▾

☐

✓

create ppt

#15 by rifahb was closed 16 hours ago

💬 1

☐

✓

Review Code

#14 by rifahb was closed 17 hours ago

💬 1

☐

✓

add comments

#13 by rifahb was closed 16 hours ago

💬 1

☐

✓

implement backend functionality

#12 by rifahb was closed 17 hours ago

💬 1

☐

✓

Improve dashboard layout and design

#11 by rifahb was closed 16 hours ago

💬 1

☐

✓

Improve README file

#10 by rifahb was closed 17 hours ago

💬 1

💡 ProTip! Updated in the last three days: [updated:>2025-01-04](#).

THANK YOU