

Treat Your Shelf

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Description

Currently there are no apps which allows lending/borrowing books among users free of cost. This app is a Trading app for book lovers.

It allows the users to read their heart's content without spending money and to lend read books for other book lovers!



Features

- Anybody can register with an email address to access the books
- Users can add books they have read and willing to lend to others
- Users can search through the books catalog and request to borrow
- Users can view and update their profile



Planning - User Stories

- Users can register with an email address
- Users can book details- name, author, genre
- Logged-in users can add books they have read and willing to lend to others
- Logged-in users can search through the books catalog and request to borrow
- Logged-in users can view and update their profile



Planning - Database

Model Classes / tables

- Author
- Title
- Genre
- User
- Location
- Communication



Technology Stack

- Java
- MySQL
- Spring Boot
- Hibernate
- Thymeleaf templates



Demo



What I Learned

- Creating repositories and linking
- Using Bcrypt password encoder
- CRUD operations
- Using Thymeleaf templates



What's Next

- Working on the UI
- Search based on the radius of user's location
- Alerting users about new addition to the list if that's in their wait-list

