

Reading Tracker

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Description

- An alternative book tracking tool for those readers that would prefer a simple UI without many unnecessary features



Features

- Searching and tracking books by reading status
- Book reviews



Planning - User Stories

- Users can search all books and view each book's details
- Users can log in to access their MyBooks folder
- Users can add reviews to books and read other readers' reviews
- Users can add books to their MyBooks folder by the reading status, change the reading status of the books in MyBooks and remove books from MyBooks



Planning - Database

- Book table - all available books
- MyBooks table - the books that a user is tracking
- Author - all authors' names
- Genre - all genres
 - Book and MyBooks → one-to-one relationship
 - Book and Author & Book and Genre → many-to-many relationship



Technology Stack

- Java
- Spring Boot
- Thymeleaf
- MySQL
- Bootstrap



Demo



What I Learned

- Database seeding
- ORM
- Git for team collaboration



What's Next

- Provide books through an API instead of database seeding
- Improve design
- Build front end separately with React instead of using thymeleaf template engine

