

# Book Logger

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# Description

- Web application to organize books in the form of a reading log to help keep track of which books you want to read, which ones you have finished, and which ones you are currently reading.
- Option to add book in the list by title, author, year published, category etc.
- Ability to edit, delete and rate books so users can look at them for future references according to their interest.



# Features

- Anyone who has an account they can log in
- Users can create list of books by adding new book
- Allow users to edit into existing books
- Allow users to delete books from list
- Once users done with reading they are able to rate books as per their interest.



# Planning - User Stories

- I came up with the idea for book logger after I realized how much my daughter was struggling to organize books which she wants to read , done with reading, which one likes most
- I knew there were other students who also struggling to keep organized their interested books that would benefit from an application that helped them to keep track of book list exactly how they want to



# Planning - Database

- A user table that stores usernames, emails and hashed passwords
- A book table that stores title, author name, category, rating and published year with a foreign key of the user



# Technology Stack

- Java
- Spring Boot
- Thymeleaf
- MySQL
- HTML
- CSS
- JavaScript
- Bootstrap



# Demo



# What I Learned

- Bootstrap
- JavaScript
- Better understanding of:
  - Java programming
  - Spring Boot
  - Thymeleaf
  - Model View Controller (MVC) practises
  - How to effectively use other resources like stack overflow





# What's Next

- Add “search” functionality so that user can find book from list.
- Time format
- Improve the UI
- Eventually deploy the application

