

# Books management system

The company "ABC Books" wants to have an application. The business need is, that the users want to be able to enter books into system, along with comments.

You are requested to develop an application that will have 3 views, which enable:

1. Listing all books along with count of comments for each
  - From here, deleting a book from the list, or choosing it for editing
2. Adding books in separate view
3. Updating a book and adding comments to it, in third view
  - in this same view, also listing the existing comments for the book

## You have several options for the scope of your solution

Don't worry if you are unable to complete the whole application - you may also present a partial, working solution, which already creates business value for the end users.

In example - as MVP, your solution may only have the Listing part and Adding part for books, without the comments. That is very fine - you are already helping the business by automating the books management!

On the other hand, if you are enthusiastic and decide to go for the full solution - the more points to you! And - any extra value for UI design & useability is always very welcome, as well.

## Deliverable

Your solution that you will send us, should be executable on its own

- github link for the source code of your application
- this source code is compilable and builds successfully, as a single JAR-file, which is runnable and contains everything needed to use the application

## Back-end technologies

1. Java 8 (mandatory)
2. Spring boot (mandatory)
3. H2 in memory database (mandatory)
4. Thymeleaf (optional - alternatively you may freely choose another technology, such as a Javascript front-end framework in example)
5. Git (github) - for version control

## Extra points

- Unit tests
- Front end and back-end is separated - you have used a separate front-end Javascript application for the whole UI (eg Angular, Vue.js, React...)
- Liquibase for database versioning (changesets)
- Deploy the solution to cloud environment (eg Heroku) as working application and provide a link for us to use it

# Books

#	Title	Author	ISBN-13	Comments	
1	Effective Java	Joshua Bloch	978-0134685991	2	 
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