

Practical Quiz 2 - Spring Boot framework

Create a library management System :

- Book Class :

ID , name , number_of_pages , price , category , isAvailable

1. all should not be empty
2. category is novel OR academic

- User Class :

ID , name , age , balance , role

1. all should not be empty
2. balance should be a valid number
3. role is customer OR libraian

- Use service layer for the logic business
- Use project lombok
- Use Validation

End points :

1. Get all Users
2. Add new User
3. update User
4. delete User
5. Get all Books
6. Add new Book
7. update Book
8. delete Book

9. Create an endpoint that takes a balance then returns all users have this balance or above .
10. Create an endpoint that takes an age then return all User who have this age or above .
11. Create an endpoint that takes a Book name then returns one Book .
12. Create an endpoint that takes a category then return all books have this category.
13. Create an endpoint that takes a number of pages and returns all Books who have this number of pages or above .
14. Create an endpoint that change a book status to unavailable (Only the librarian can change the status of the book)