# 설계데이터

Domain, Controller, Method, URL, Parameter, Body (json), Comment, Role

Book,BookController,POST,/books,,"id, isbn, title, author, introduce, tags",도서 추가,ROLE\_MANAGER

Book,BookController,GET,/books,,,전체 도서 조회,ROLE\_USER

Book,BookController,GET,/books/search,searchKeyword,,도서 검색,ROLE\_USER

Book,BookController,GET,/books/{bookId},,,도서 조회,ROLE\_USER

Book,BookController,PUT,/books/{bookId},,"isbn, title, author, introduce, tags",도서 수정,ROLE\_MANAGER

Book,BookController,DELETE,/books/{bookId},,,도서 삭제,ROLE\_MANAGER

BookCategory,BookCategoryController,POST,/categories,,"id, categoryName",카테고리 추가,ROLE\_MANAGER

BookCategory,BookCategoryController,GET,/categories,,,전체 카테고리 조회,ROLE\_USER

BookCategory,BookCategoryController,GET,/categories/{categoryId},,,카테고리 조회,ROLE\_USER

BookCategory,BookCategoryController,PUT,/categories/{categoryId},,,카테고리 수정,ROLE\_MANAGER

BookCategory,BookCategoryController,DELETE,/categories/{categoryId},,,카테고리 삭제,ROLE\_MANAGER

BookCategory,BookCategoryController,POST,/categories/{categoryId}/books,,bookId,카테고리에 책 추가,ROLE\_MANAGER

BookCategory,BookCategoryController,GET,/categories/{categoryId}/books,,,카테고리의 책 조회,ROLE\_USER

BookCategory,BookCategoryController,DELETE,/categories/{categoryId}/books/{bookId},,,카테고리의 책 제외,ROLE\_MANAGER

#### 데이터로 질문 시작

I am trying to create a book management service with Java and Spring Boot. Design a domain based on the information below. 위 설계데이터를 csv로 변형하여 붙여 넣기(shift enter 키 로 줄바꿈)

### entity 코드 작성

Q: "I use Spring Data JPA with lombok. Please write the Book Entity code." 생성된 entity에 book category many to one 관계로 추가되어 있지 않으면 추가해 달라고 추가 요청 (Q: add book category to book entity)

Q: "I use Spring Data JPA. Please write the BookCategory Entity code." Repository Service Controller

### 코드 작성

Q: "Please write the BookRepository code."

Q: "Please write the BookCategoryRepository code."

Q: "Please write the BookService code."

Q: "Please write the BookCategoryService code."

Q: "Please write the BookController code."

Q: "Please write the BookCategoryController code."

## 실제 프로젝트 실행

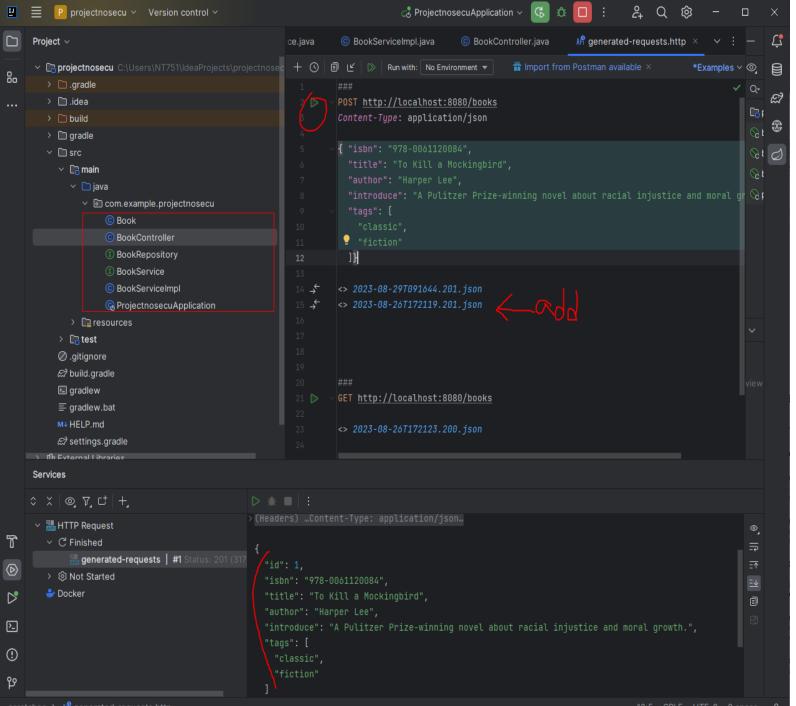
Security "Please write spring security configuration code."

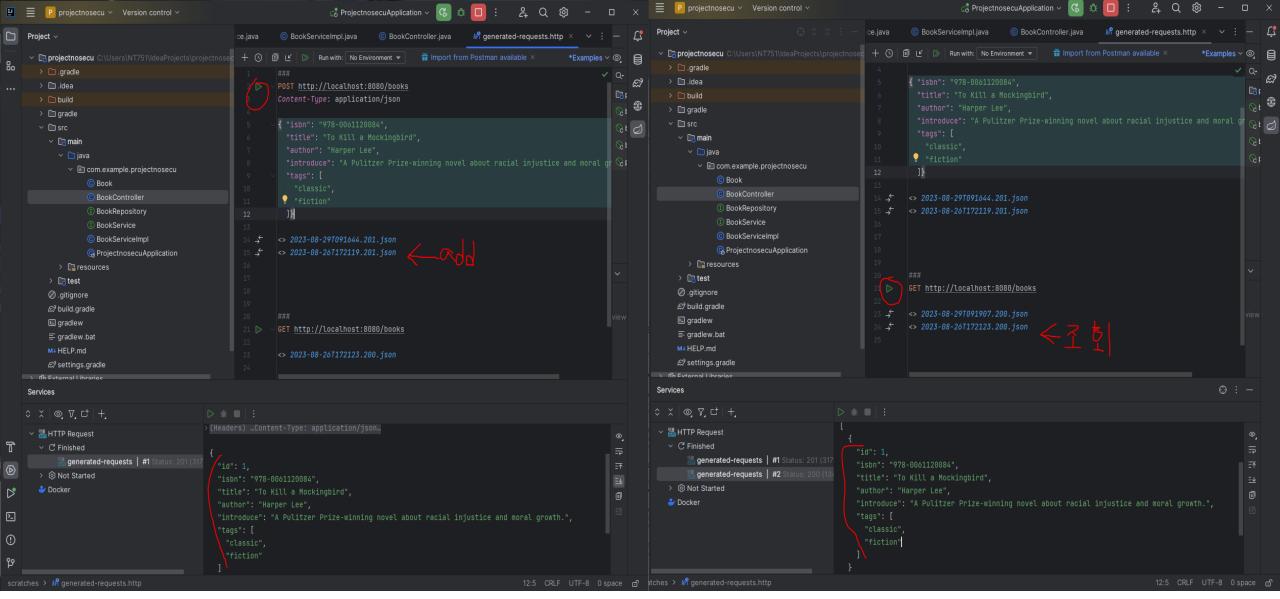
#### 테스트 코드

Q: Please write the test code with mokito

readme

Q: Please make the Readme.md file













[{"id":1,"isbn":"978-0061120084","title":"To Kill a Mockingbird","author":"Harper Lee","introduce":"A Pulitzer Prize-winning novel about racial injustice and moral growth.","tags": ["classic","fiction"]}]