Daily task – 13/10/2025

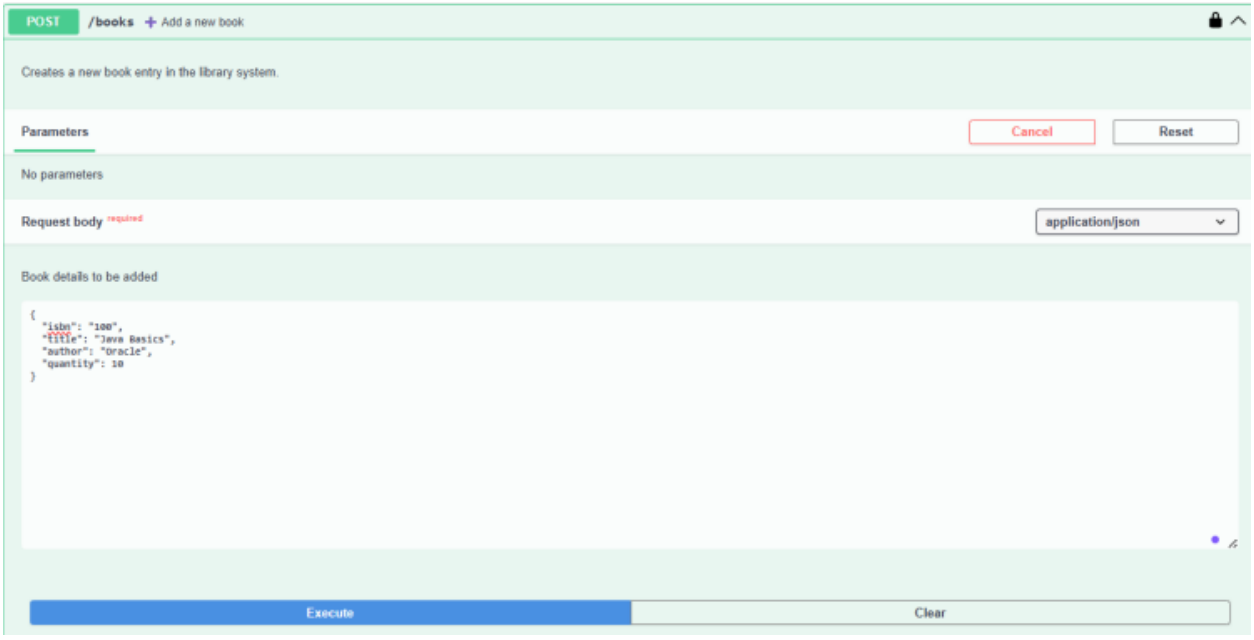
Pom.xml

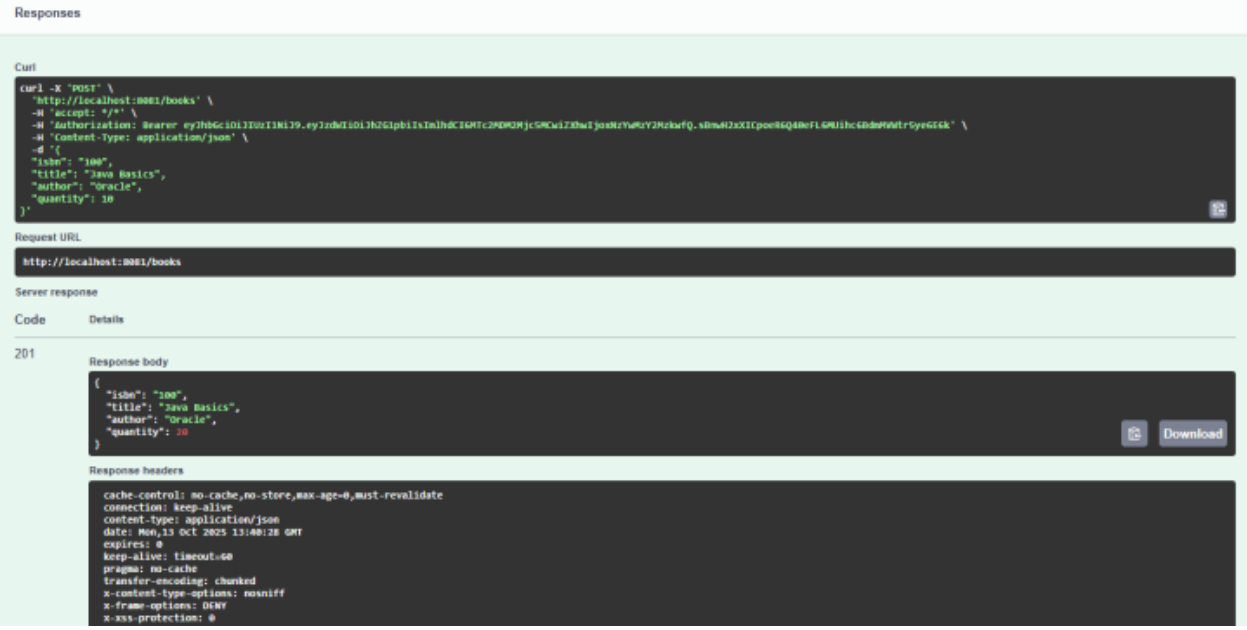
```
    <dependencies>
    <dependency>
    <groupId>org.springdoc</groupId>
    <artifactId>springdoc-openapi-starter-webmvc-ui</artifactId>
    <version>2.6.0</version>
</dependency>

```

Security config:

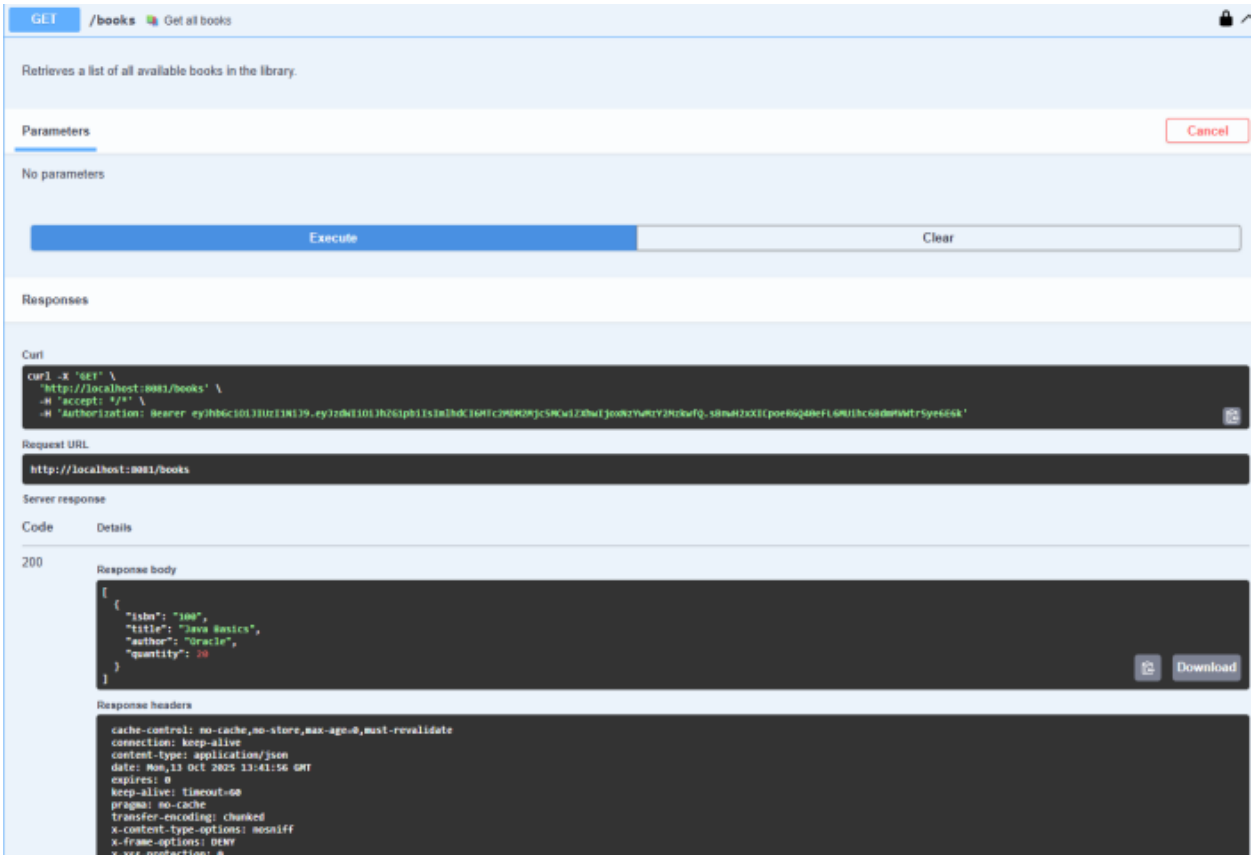
```
@Configuration
public class SecurityConfig {
    @Bean
    public OpenAPI customOpenAPI() {
        final String securitySchemeName = "bearerAuth";
        return new OpenAPI()
                .info(new Info().title("📚 Library Management System - Book Service API")
                        .description("This API manages books within the Library Management System.\n\n"
                                + "🔐 Use the `/auth/login` endpoint to generate a JWT token.\n"
                                + "Then click the **Authorize** button (🔒) and paste your token as:\n\n"
                                + "`Bearer eyJhbGciOiJIUzI1NiJ9...`")
                        .version("1.0.0").license(new License().name("Apache 2.0").url("http://springdoc.org")))
                .addSecurityItem(new SecurityRequirement().addList(securitySchemeName))
                .components(new io.swagger.v3.oas.models.Components().addSecuritySchemes(securitySchemeName,
                        new SecurityScheme().name(securitySchemeName).type(SecurityScheme.Type.HTTP).scheme("bearer")
                                .bearerFormat("JWT")));
    }
}
```

Post books




Responses
Curl
curl -X 'POST' \
'http://localhost:8081/books' \
-H 'accept: */*' \
-H 'Authorization: Bearer ey3hbGciOiJIUzI1NiJ9.ey3zdWIiOiJhZGlpbiIsImlhdCI6MTc2MDM3MjcSMCwiZXhwIjoxNzYwMzY2MzkwfQ.sBnwH2xXICpoeRGQ40eFL6MUihc6BdmMWWtrSye66k' \
-H 'Content-Type: application/json' \
-d '{
"isbn": "100",
"title": "Java Basics",
"author": "Oracle",
"quantity": 10
}'
Request URL
http://localhost:8081/books
Server response
Code
Details
201
Response body
{
"isbn": "100",
"title": "Java Basics",
"author": "Oracle",
"quantity": 20
}
Download
Response headers
cache-control: no-cache,no-store,max-age=0,must-revalidate
connection: keep-alive
content-type: application/json
date: Mon,13 Oct 2025 13:40:28 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
x-content-type-options: nosniff
x-frame-options: DENY
x-xss-protection: 0

Get books


GET
/books
Get all books
Retrieves a list of all available books in the library.
Parameters
Cancel
No parameters
Execute
Clear
Responses
Curl
curl -X 'GET' \
'http://localhost:8081/books' \
-H 'accept: */*' \
-H 'Authorization: Bearer ey3hbGciOiJIUzI1NiJ9.ey3zdWIiOiJhZGlpbiIsImlhdCI6MTc2MDM2MjcSMCwiZXhwIjoxNzYwMzY2MzkwfQ.sBnwH2xXICpoeRGQ40eFL6MUihc6BdmMWWtrSye66k'
Request URL
http://localhost:8081/books
Server response
Code
Details
200
Response body
[
{
"isbn": "100",
"title": "Java Basics",
"author": "Oracle",
"quantity": 20
}
]
Download
Response headers
cache-control: no-cache,no-store,max-age=0,must-revalidate
connection: keep-alive
content-type: application/json
date: Mon,13 Oct 2025 13:41:56 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
x-content-type-options: nosniff
x-frame-options: DENY