LIBRARY PROJECT DOCUMENTATION

Tools Used

IntelliJ IDEA 2022.1.3 MySQL Server 8 Java 18

Downloading and Configuring The Source Code

The project code can be downloaded by using the following command; git clone https://github.com/isikozsoy/library

The configuration will be done automatically.

Setting Up The Database

Make sure that the MySQL Server is running on your machine, it can be downloaded from the link below;

https://dev.mysgl.com/downloads/windows/installer/8.0.html

Create MySQL Connection and write the necessary information (hostname, port, username and password) into application.property file, which is under the resource folder.

Then, create a new schema called libraryapp into the MySQL connection that is created. Provide the name of the schema into application properties file as shown below.

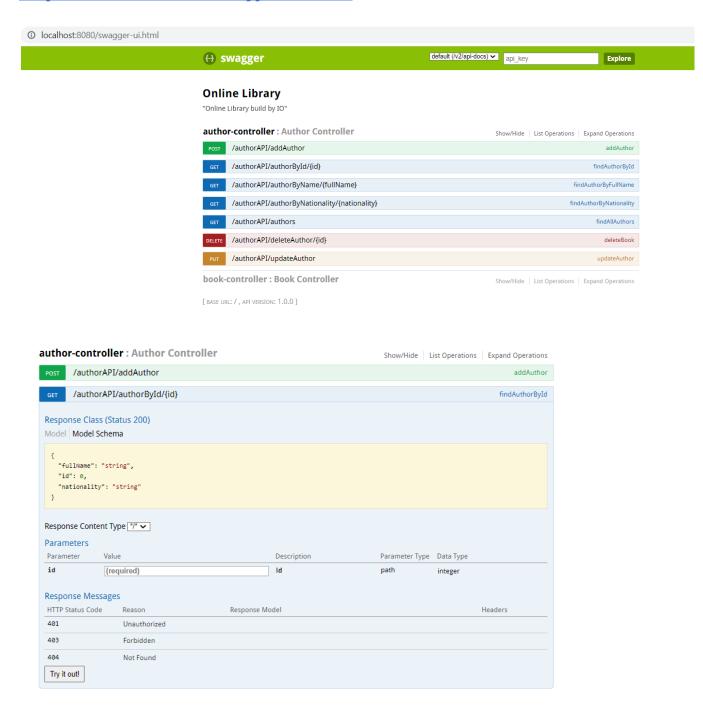
```
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.datasource.url=jdbc:mysql://127.0.0.1:3306/libraryapp
spring.datasource.username=root
spring.datasource.password=root
spring.jpa.show-sql=true
spring.jpa.hibernate.ddl-auto=update
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQL5Dialect
```

Development Set Up

Using Swagger for Testing

Swagger framework allows developers to create interactive, machine and human-readable API documentation. The documentation can be accessed by the following url after building and running the project;

http://localhost:8080/swagger-ui.html



As can be seen in the screenshots above, the user can select the controller and a request, the details are shown such as parameters, response type.