**Instructions**

**Prerequisites:**

Java Development Kit (JDK) 17 or later installed on your system.

Maven build tool installed on your system.

MySQL 8 Server or later installed and running.

**Instructions:**

Clone or download the Java REST API project from [the repository](https://github.com/mananiev/crud-task).

Open a terminal or command prompt and navigate to the project's root directory.

Open the application.properties file in the project's resources folder and make sure it contains the following configurations:

spring.flyway.url=jdbc:mysql://localhost:3306/user\_management\_crud?createDatabaseIfNotExist=true

spring.flyway.user=your\_username\_here

spring.flyway.password=your\_password\_here

spring.flyway.enabled=false

spring.datasource.url=jdbc:mysql://localhost:3306/user\_management\_crud?createDatabaseIfNotExist=true

spring.datasource.username= your\_username\_here

spring.datasource.password= your\_password\_here

*NB: Make sure the schema name is not conflicting with another one of your schemas, if so, please change it. As it is in the V1 of flyway migration scripts it will also have to be changed there.*

**Run the database migration using Flyway:**

$ mvn flyway:migrate

Flyway will execute the database migration scripts located in the project's resources/db/migration directory and set up the necessary database schema.

**Build the application using Maven:**

$ mvn clean install

**Start the application using Maven:**

$ mvn spring-boot:run

Spring Boot will start the application, and you should see log messages indicating that the server is running.

Access the REST API endpoints using a tool like Postman, or a web browser.

Swagger can be accessed at (your local host and port)/webjars/swagger-ui/index.html

A similar but not interactive version is available in the directory too under api-documentation.pdf