**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:

Make sure the schema name is not conflicting with another one of your schemas, if so, please change it.

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

**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