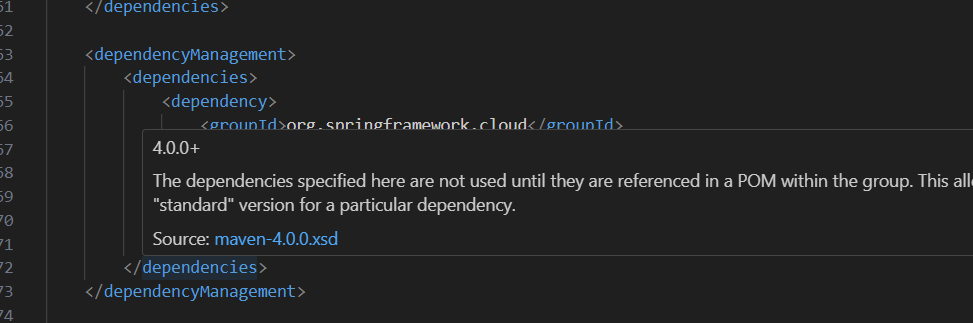
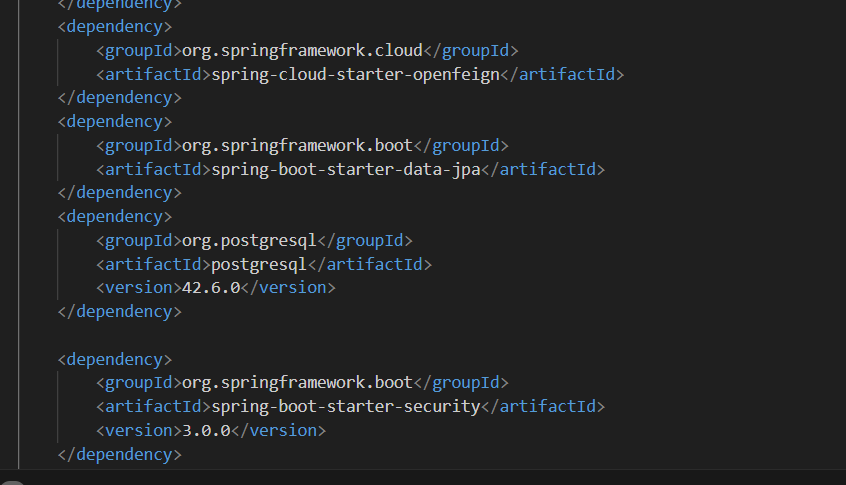
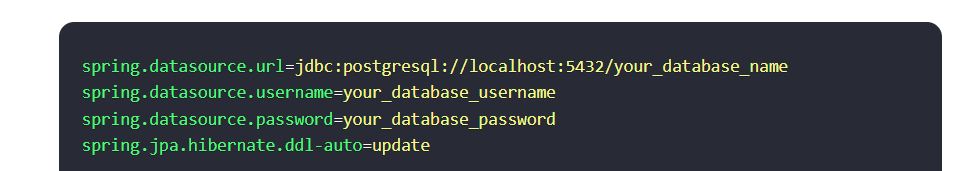
Step 1: Set Up Your Spring Boot Project

1. Generate a Spring Boot Project: Use Spring Initializr (<https://start.spring.io/>) to generate a new project. Choose the following options:
   * Project: Maven Project
   * Language: Java
   * Spring Boot: Latest version
   * Group: com.example
   * Artifact: springbootrest
   * Name: springbootrest
   * Description: A REST API with Spring Boot
   * Package Name: com.example.springbootrest
   * Packaging: Jar
   * Java: 11 or newer
   * Dependencies: Spring Web, Spring Data JPA, PostgreSQL Driver
2. Import the Project: Import the generated project into your IDE.
3. Or you just update your existing dependencyA black background with blue text

   Description automatically generated

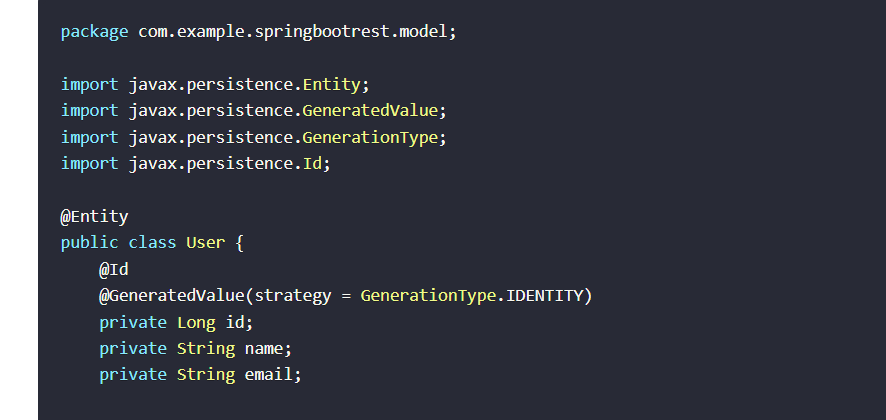
Step 2: Configure Database Connection

1. Runn your local instance of Postgres using docker you can run it by using the below command
2. Add PostgreSQL Driver: Ensure the PostgreSQL JDBC driver is included in your pom.xml. It should be automatically added by Spring Initializr if you selected PostgreSQL Driver during project generation.
3. Configure application.properties: Open the src/main/resources/application.properties file and add your PostgreSQL database connection details:

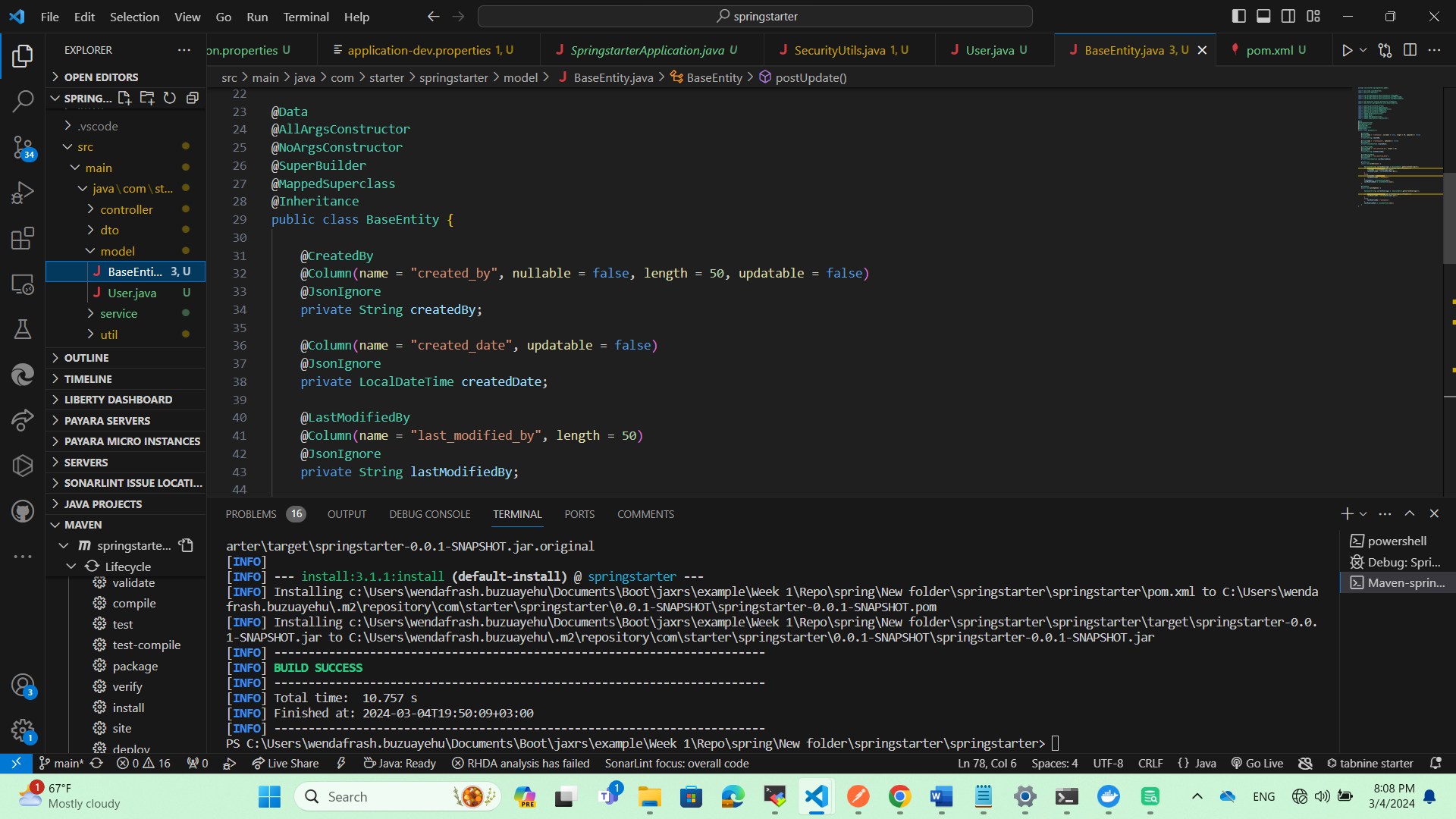


Step 3: Create the User Entity

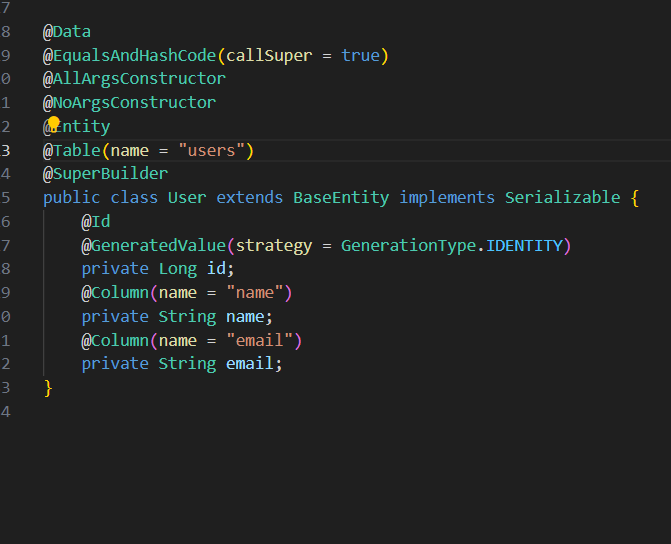
1. Create the User Entity Class: Create a User entity class in the com.starter.springstarter.model package.



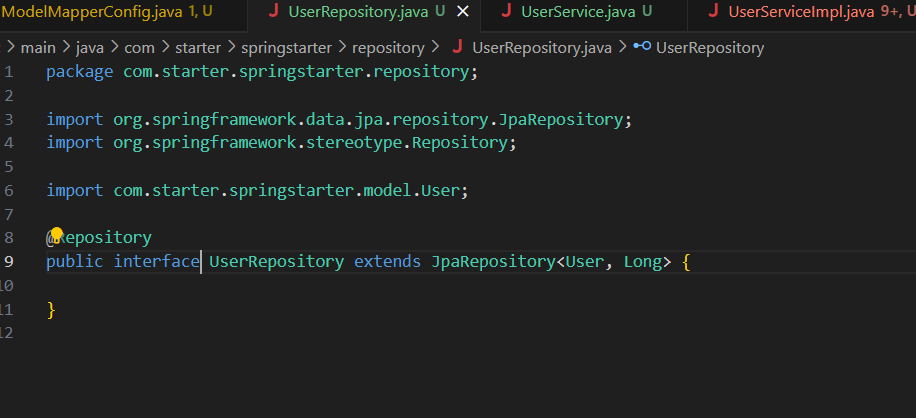
Add base entity.



Update User class.

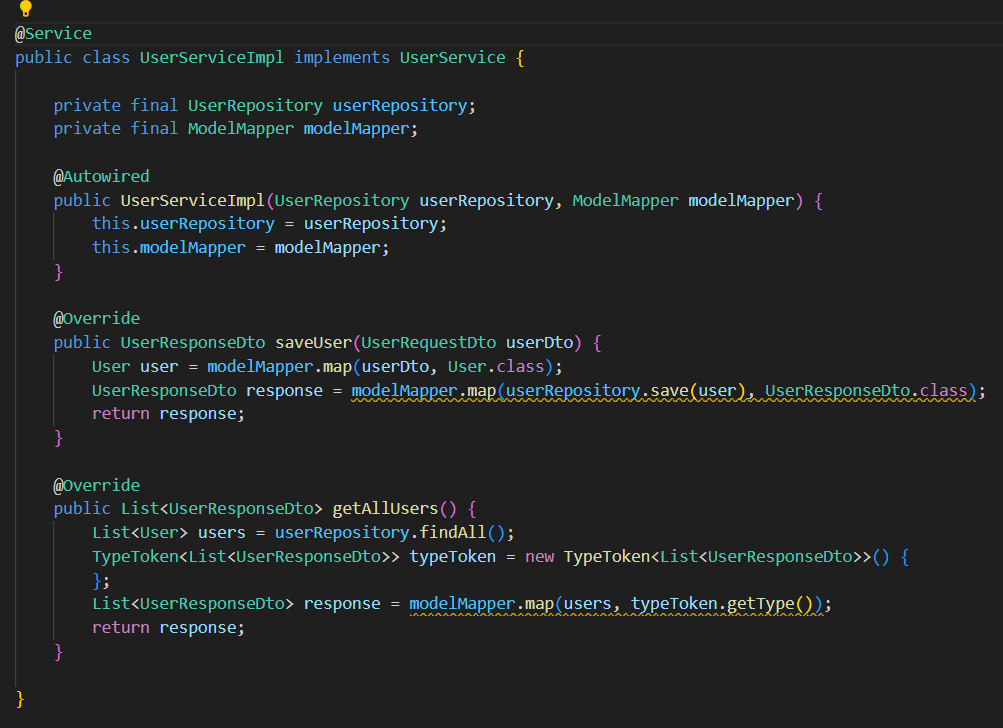


Create a repository folder.

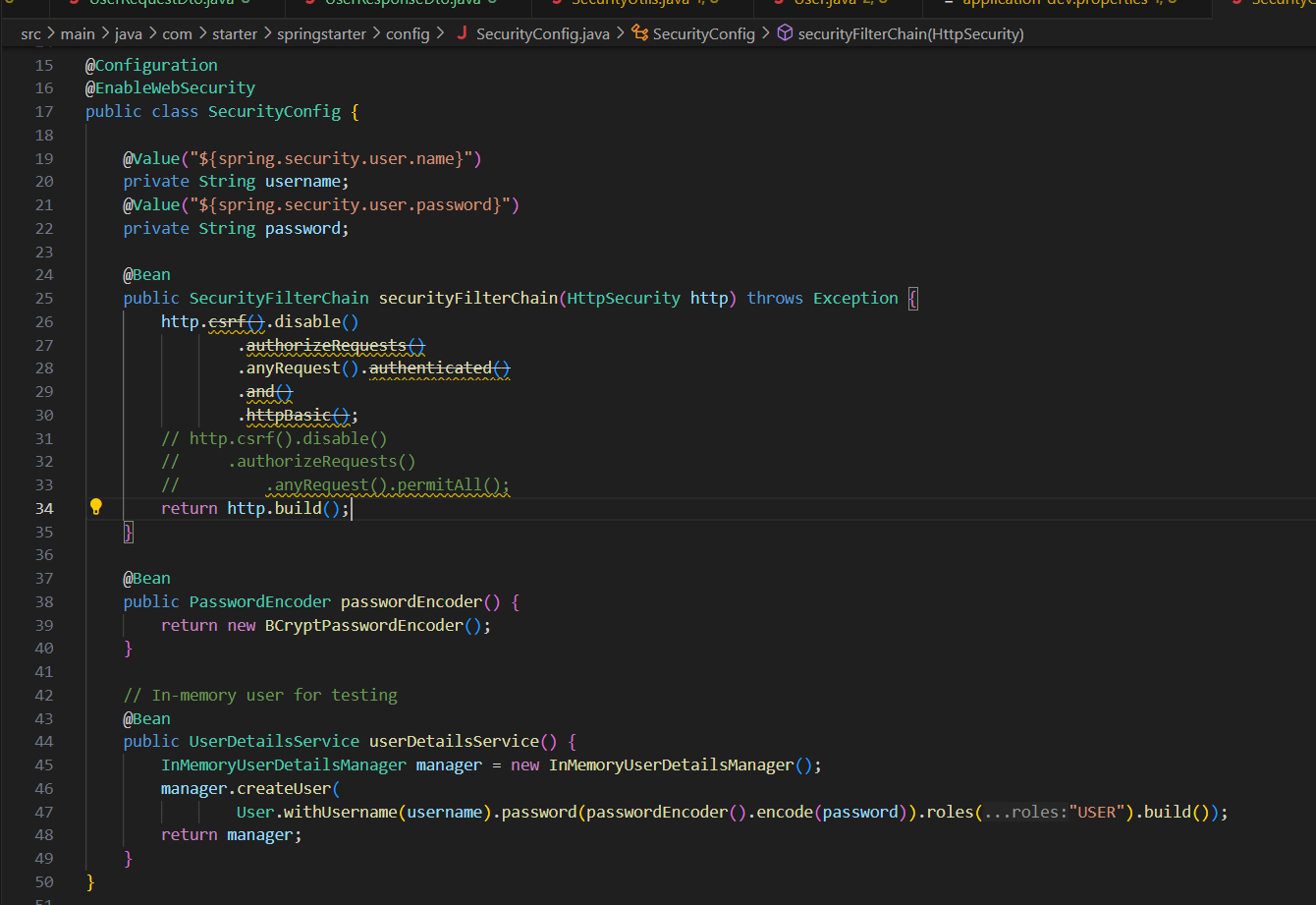


Create a service.

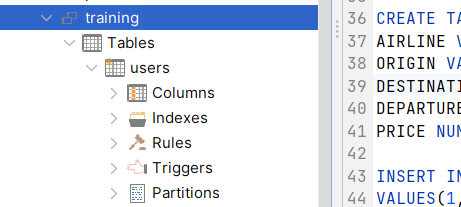




Adding spring security



When it runs it should create the database table



Since we are using create for ddl-auto

A computer screen with text

Description automatically generated

Tutorials

<https://www.geeksforgeeks.org/spring-boot/?ref=lbp>

<https://spring.io/guides/tutorials/rest>

<https://www.tutorialspoint.com/spring_boot/spring_boot_quick_start.htm>

<https://medium.com/@abhinavv.singh/building-restful-apis-with-spring-boot-a-step-by-step-tutorial-with-detailed-code-e7e3372ae756>

<https://medium.com/java-content-hub/creating-a-rest-api-in-spring-boot-68ce785f652f>

<https://www.javatpoint.com/spring-boot-rest-example>

<https://www.baeldung.com/spring-boot>