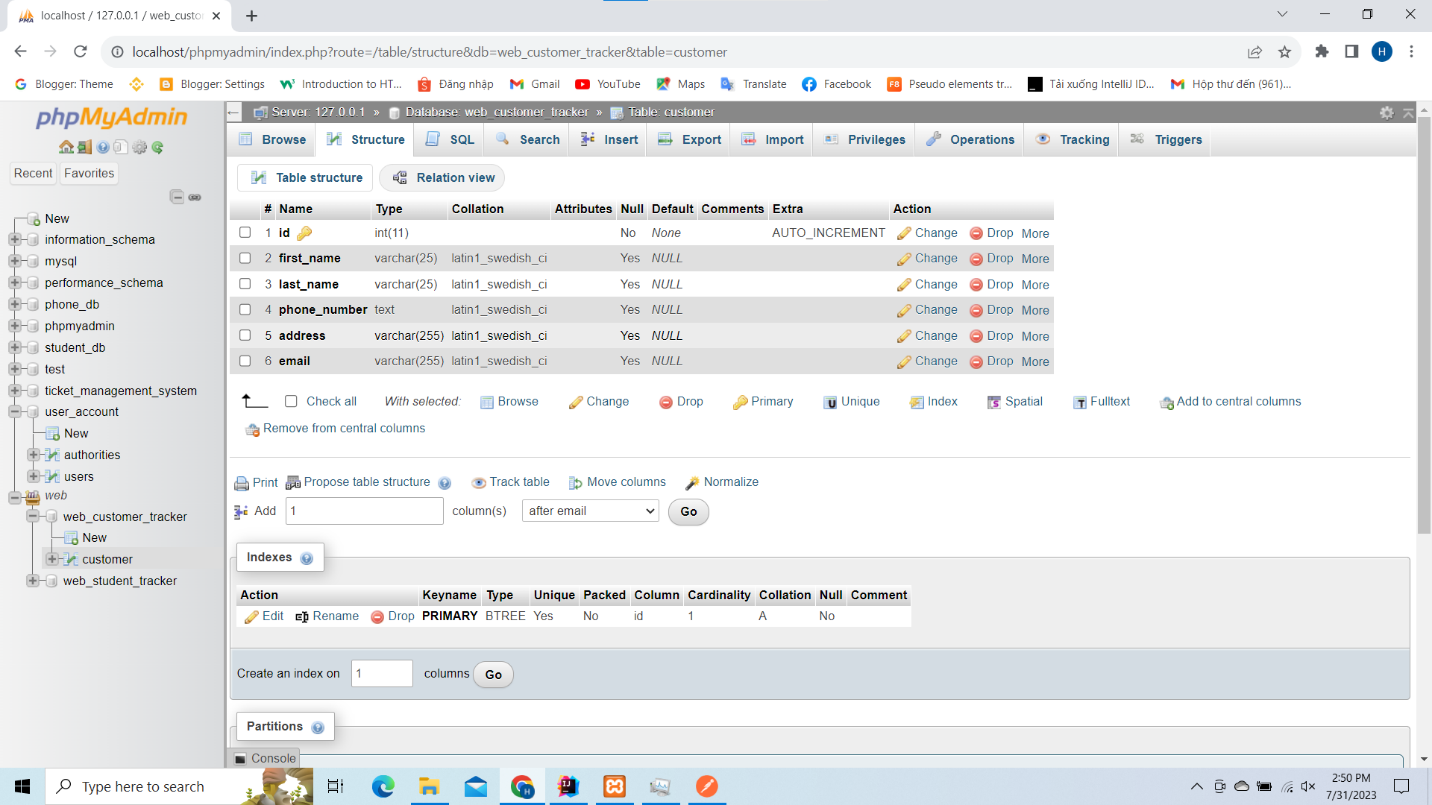
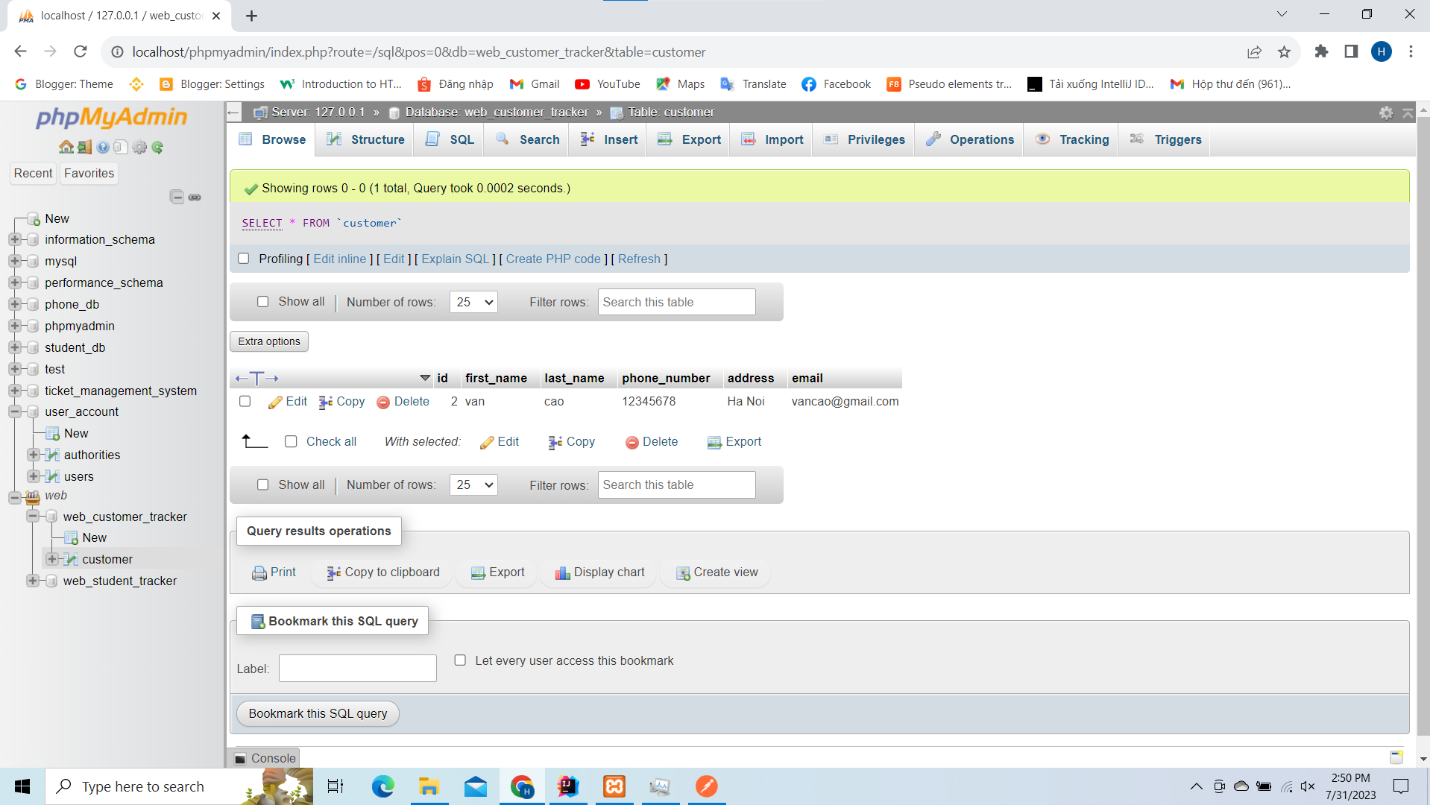
**ASM Customer API**

**I.Báo Cáo:**

- Tạo bảng db customer:



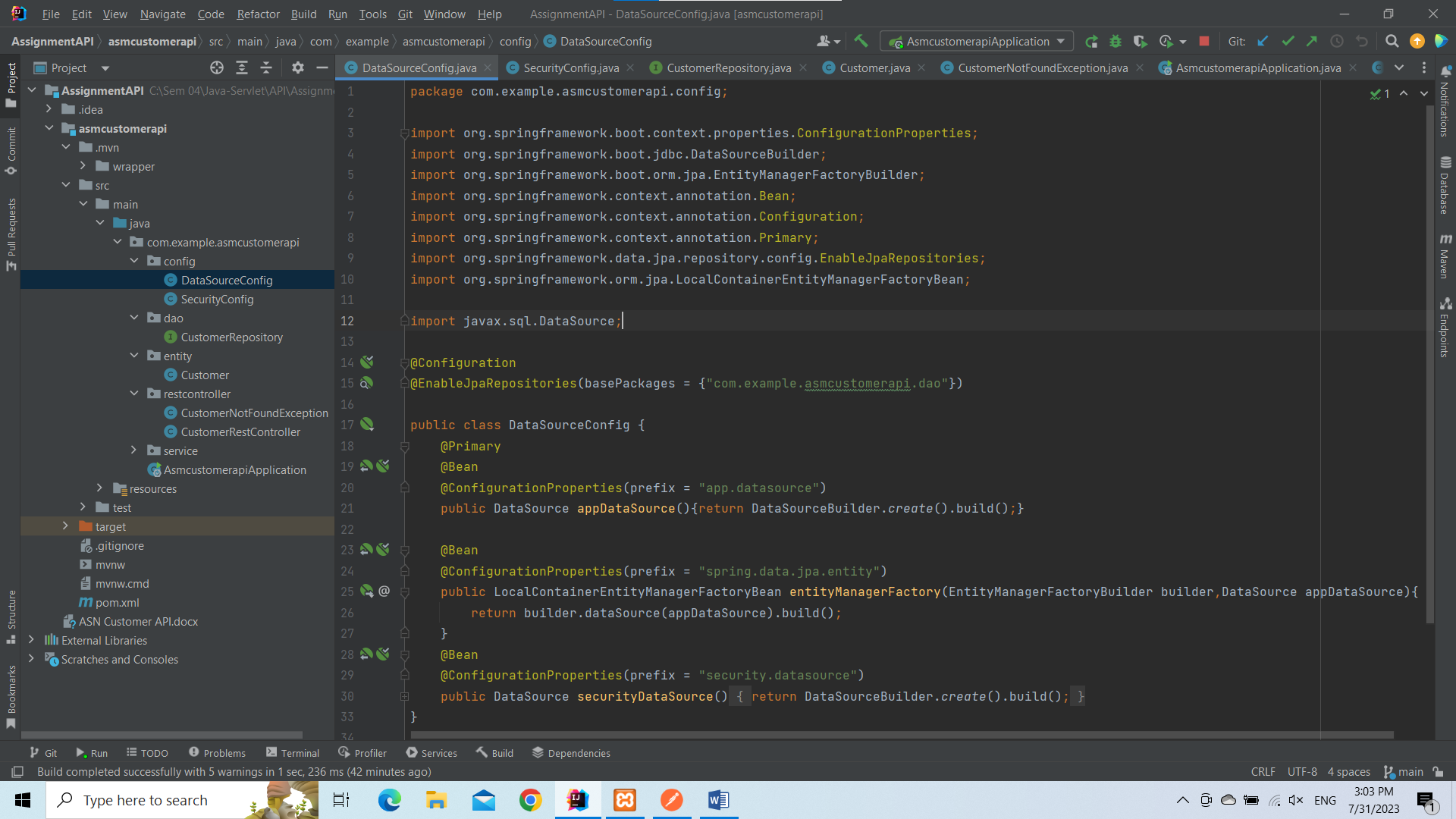
+ Dữ liệu bảng customer:



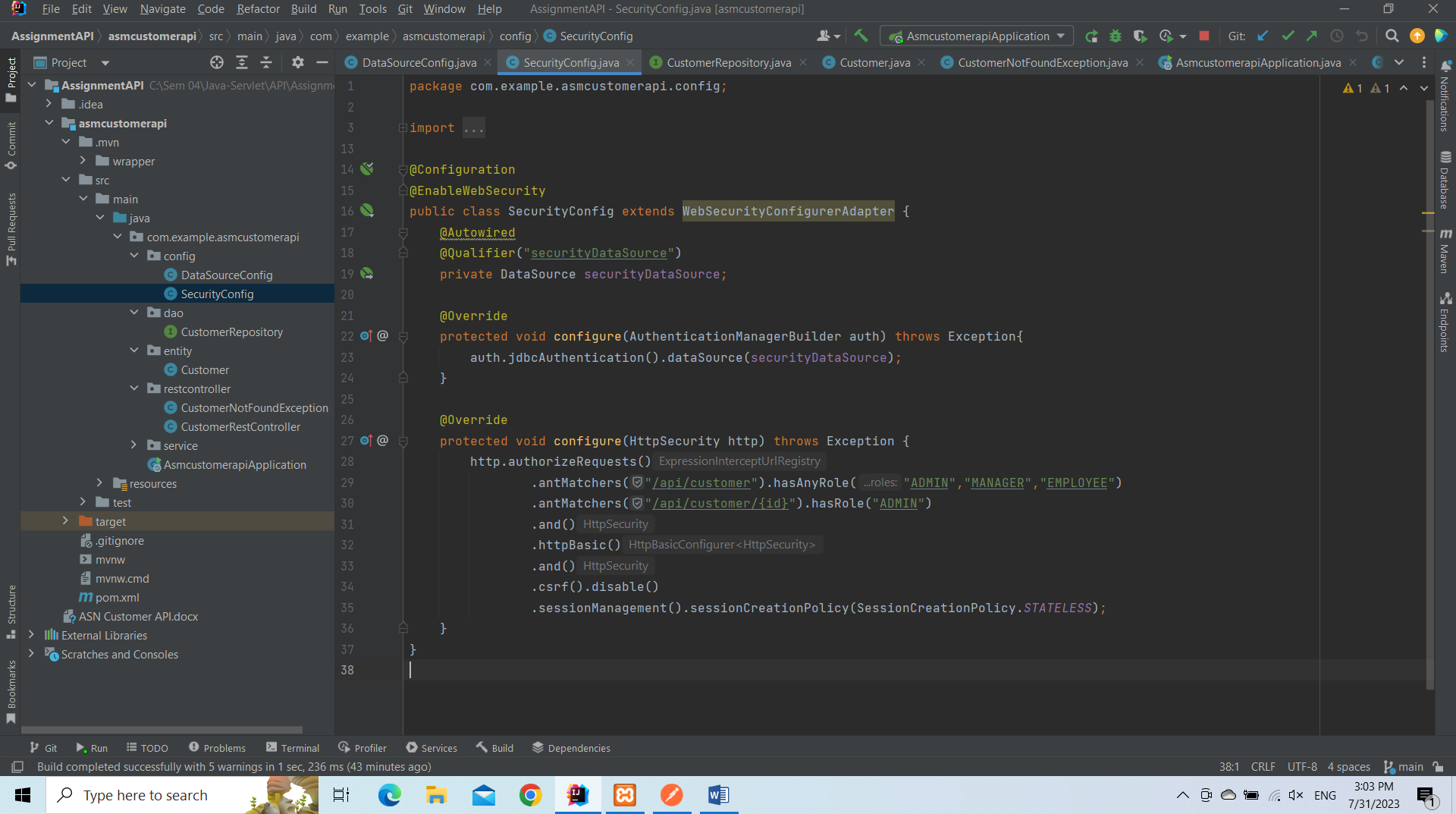
-Kết nối db :

Viết application.properties tạo đường dẫn url(JDBC ,Security JDBC) đến db và đường dẫn Spring Data JPA đến packages

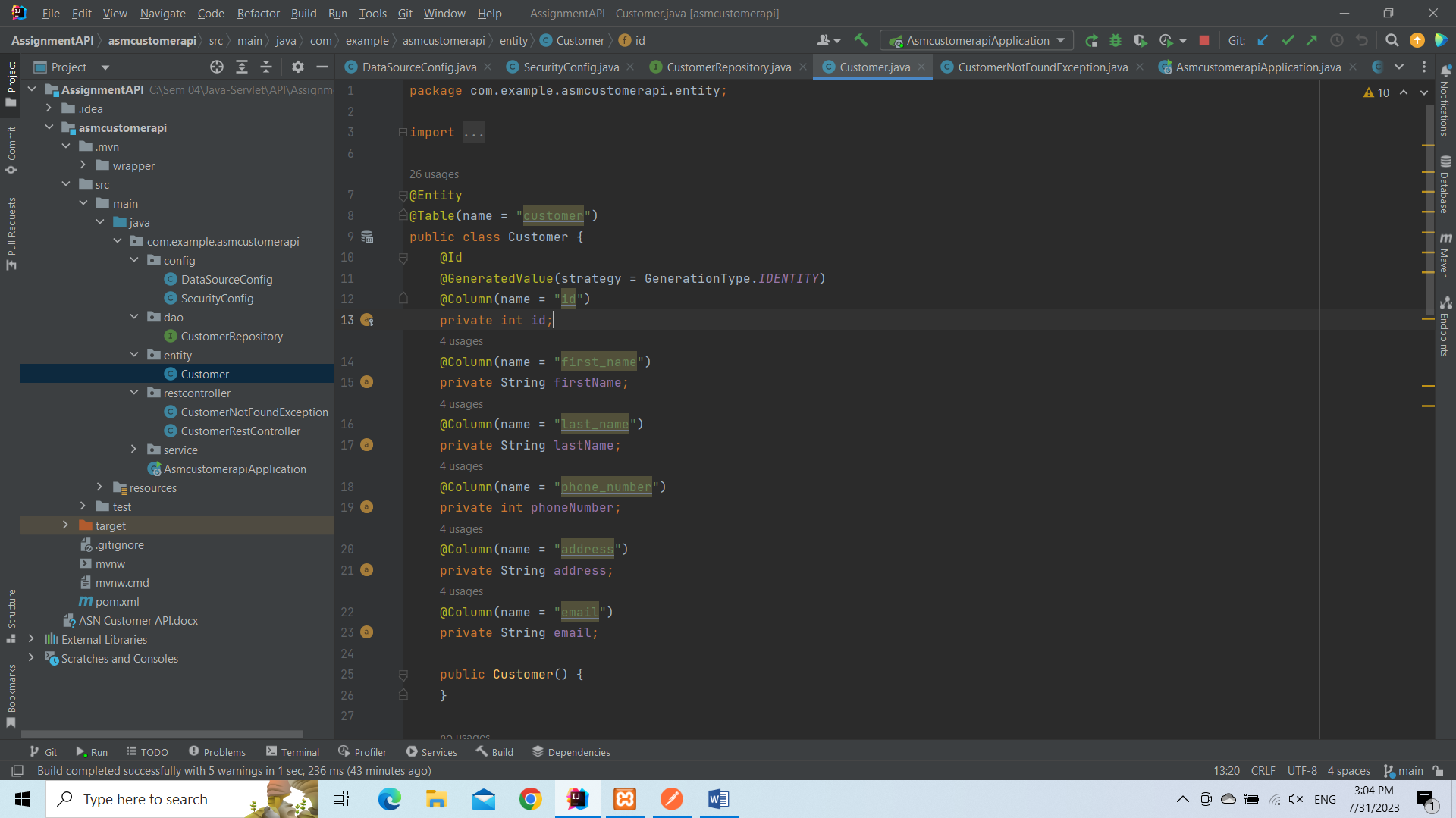
Tạo class DataSourceConfig khớp với application.properties đã cấu hình:



Tạo class SecurityConfig cấu hình authentication và authorize :

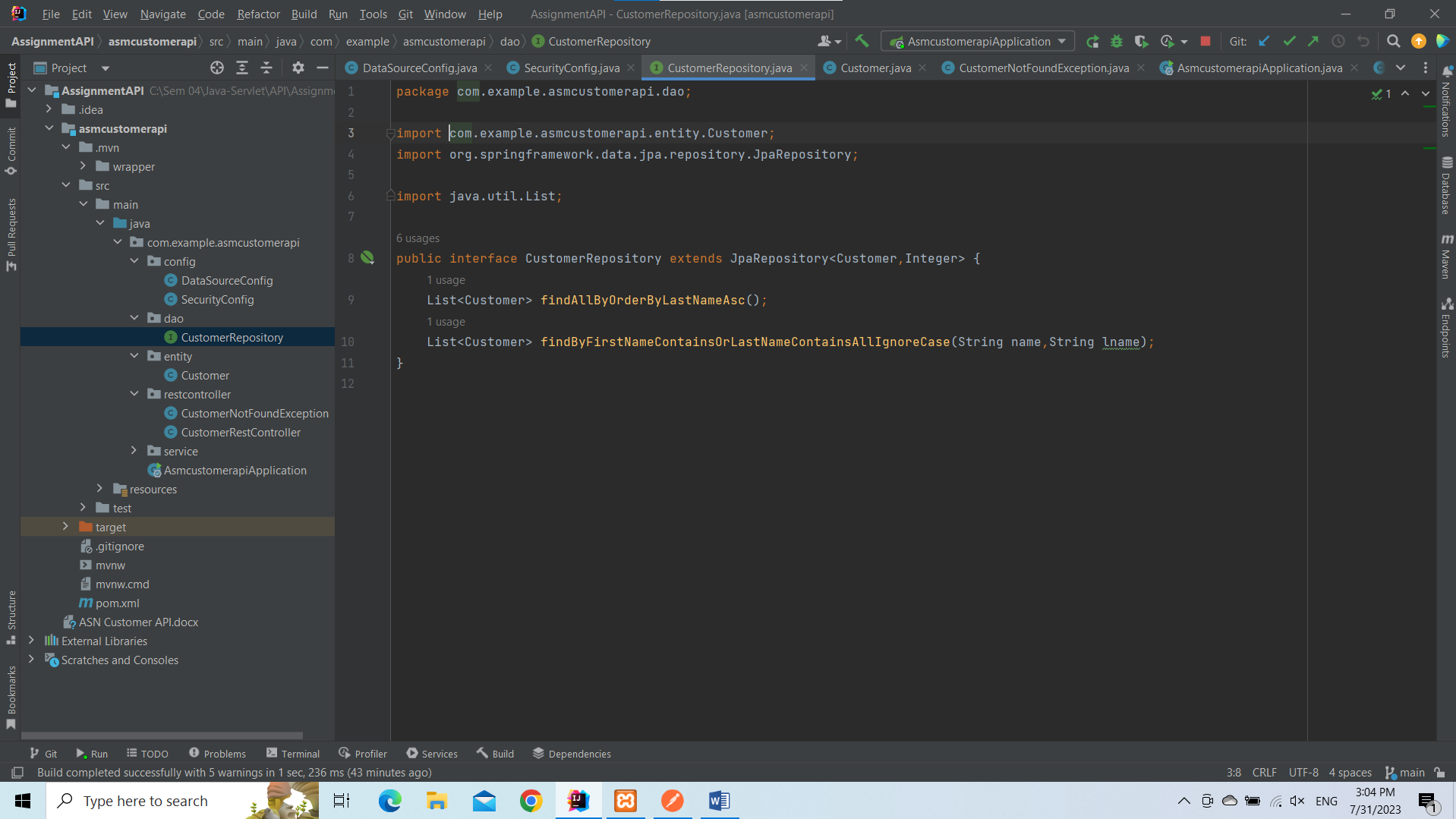


-Entity:

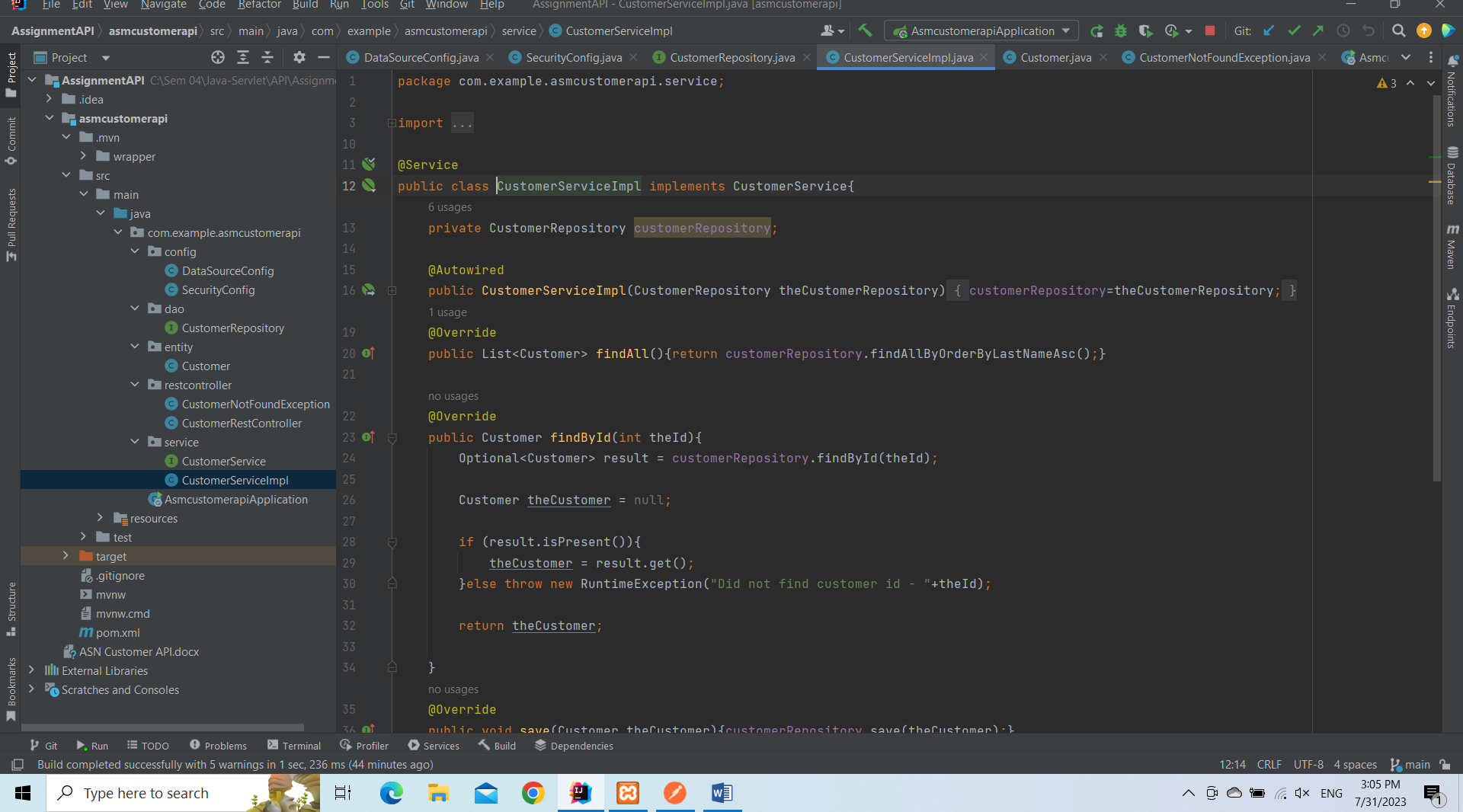
Tạo class Customer với các field nối tới các cột trong bảng Customer: 

-Repository:

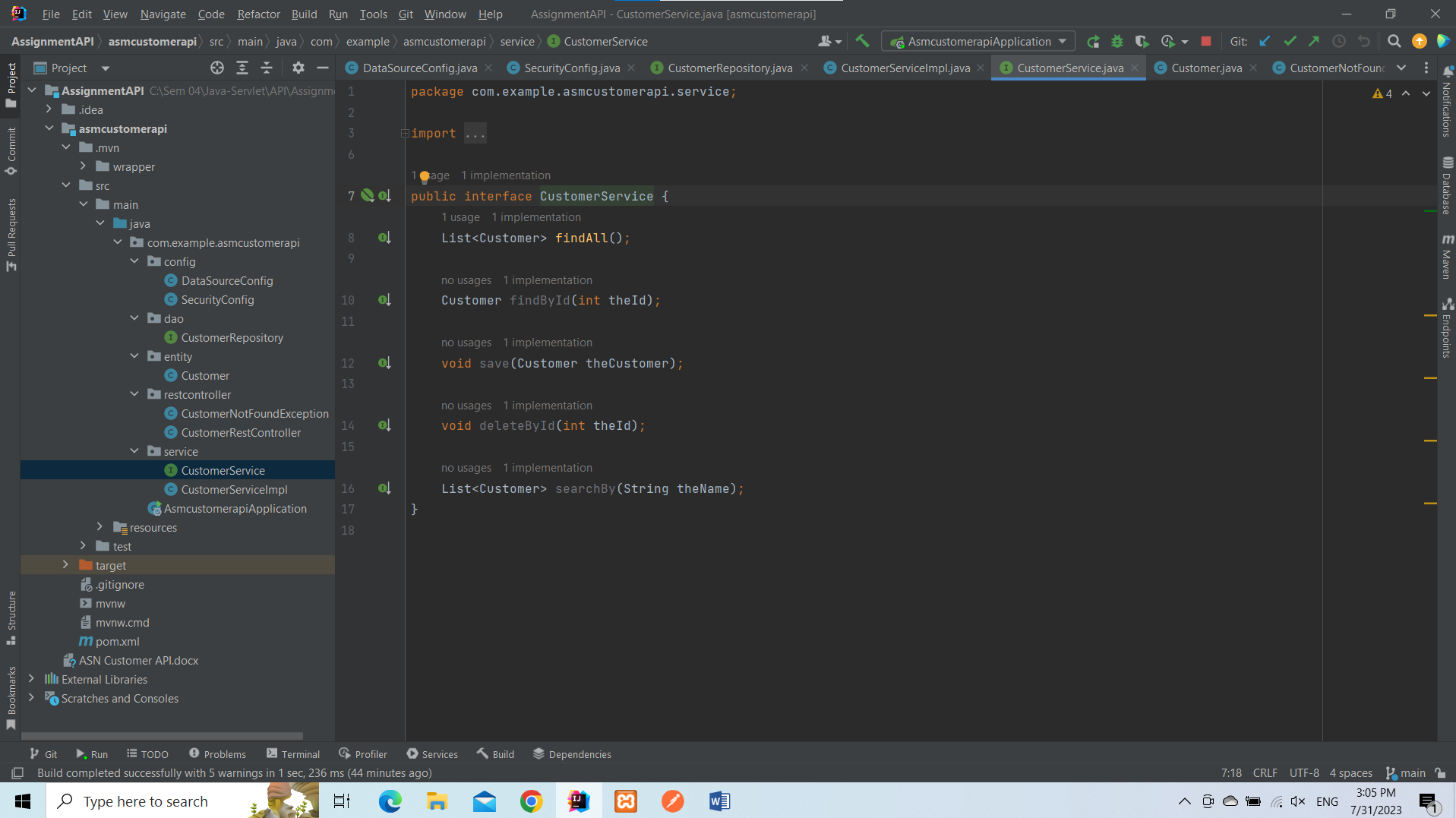
Tạo interface CustomerRepository extends JpaRepository lấy dữ liệu từ db :



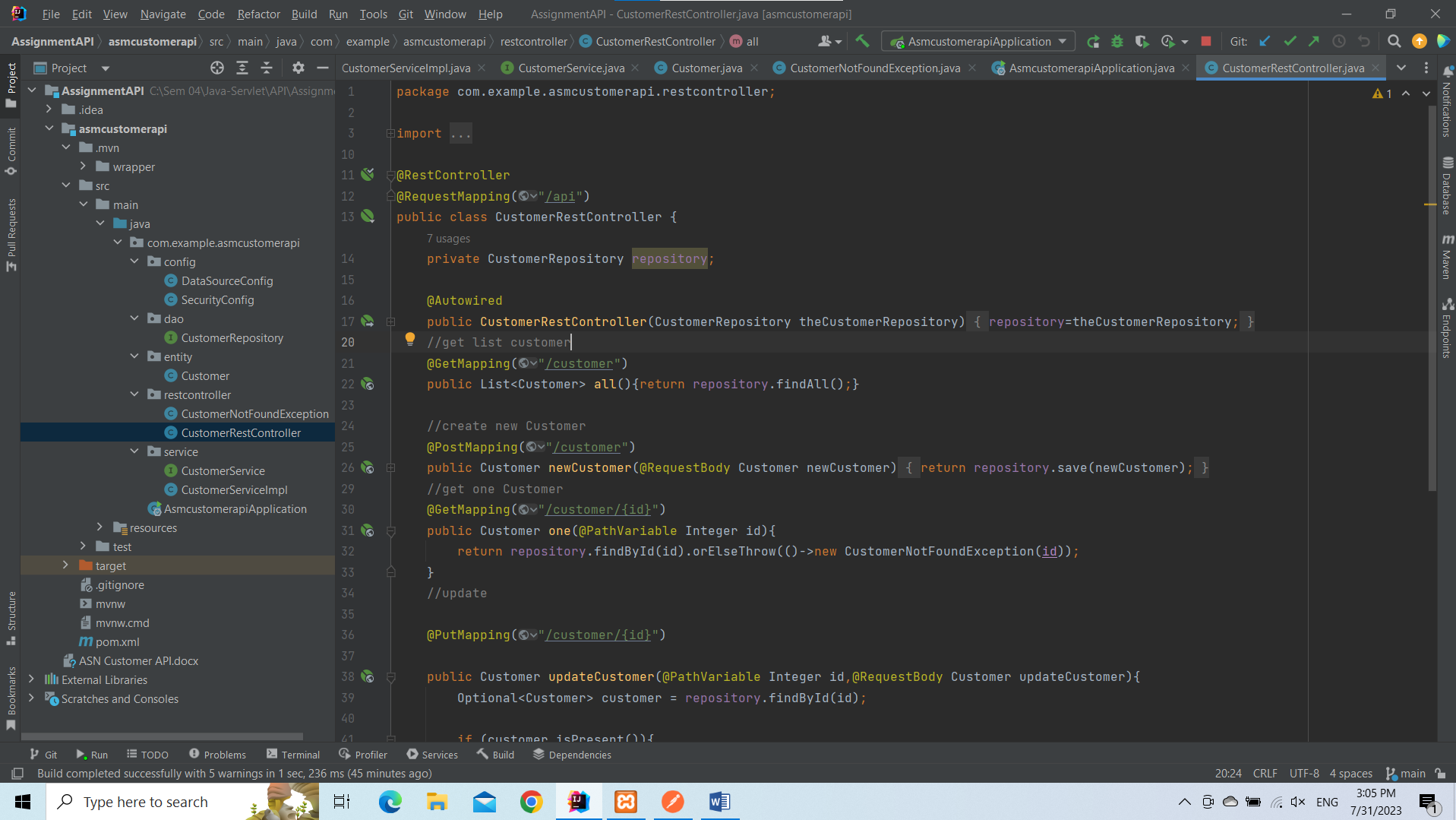
-Service:

Tạo class CustomerServiceImpl 

để triển khai các phương thức trong interface CustomerService dành cho controller (sử dụng dữ liệu từ Repository):

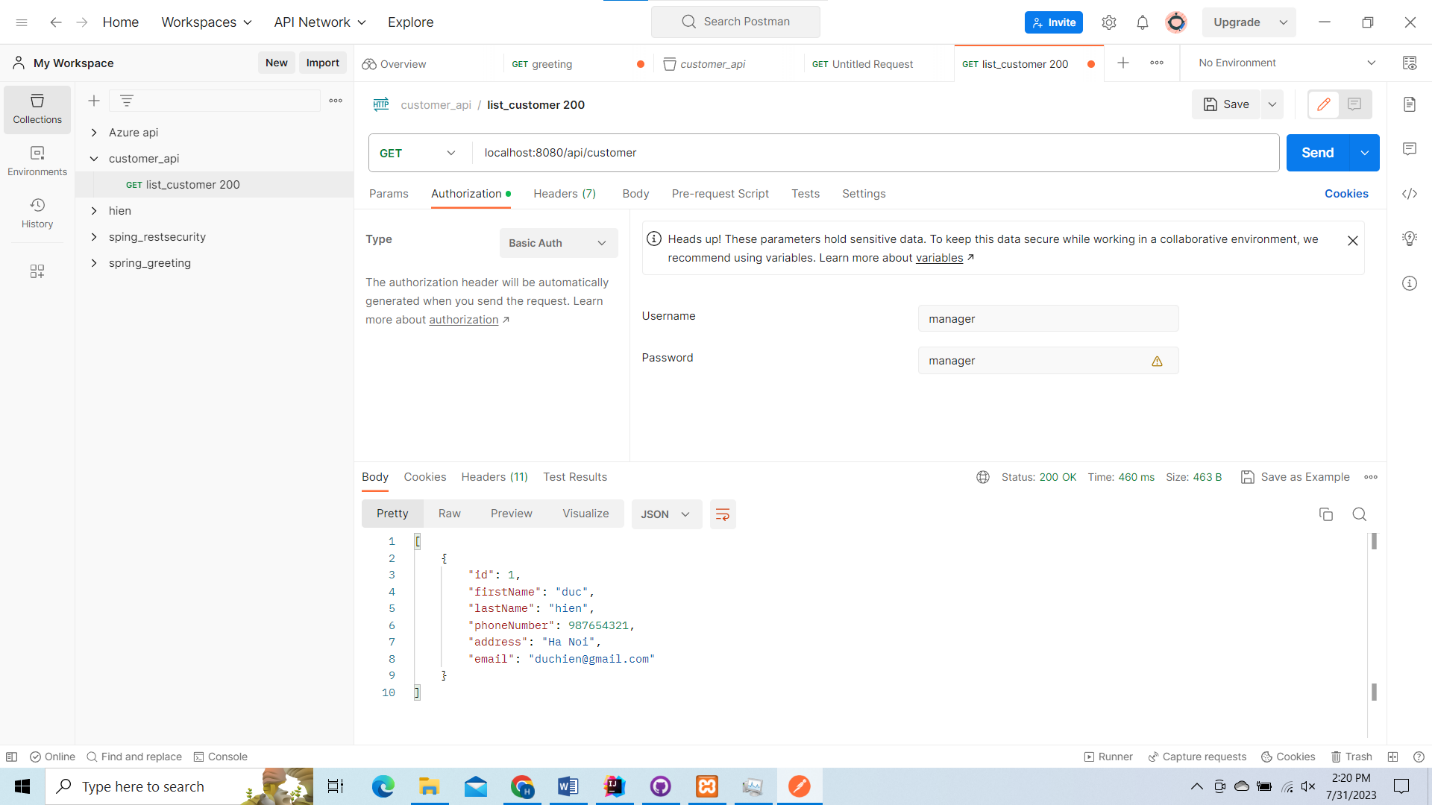


-Rest:

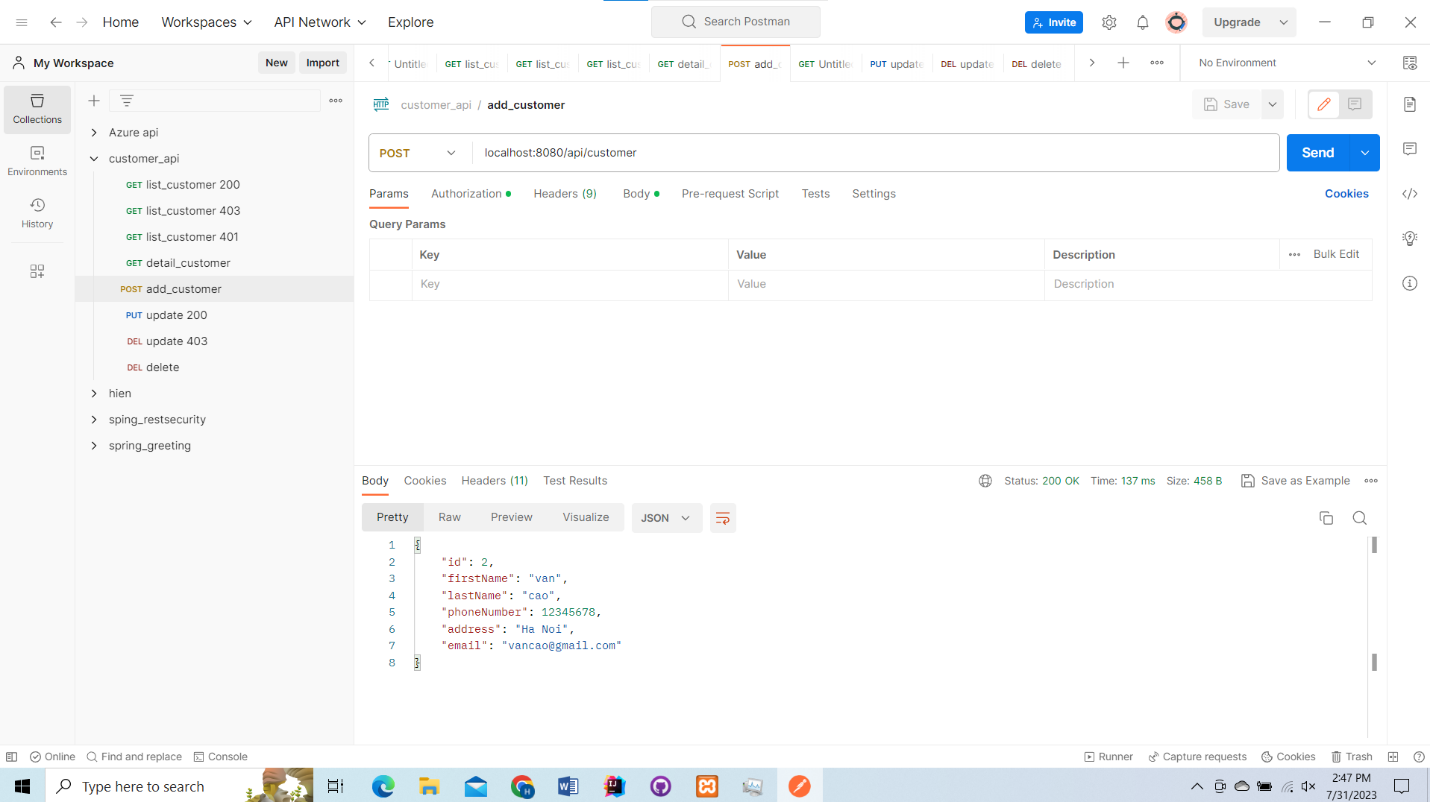
Tạo class CustomerRestController cấu hình các requestMapping và viết api tương ứng: 

**II.Test PostMan:**

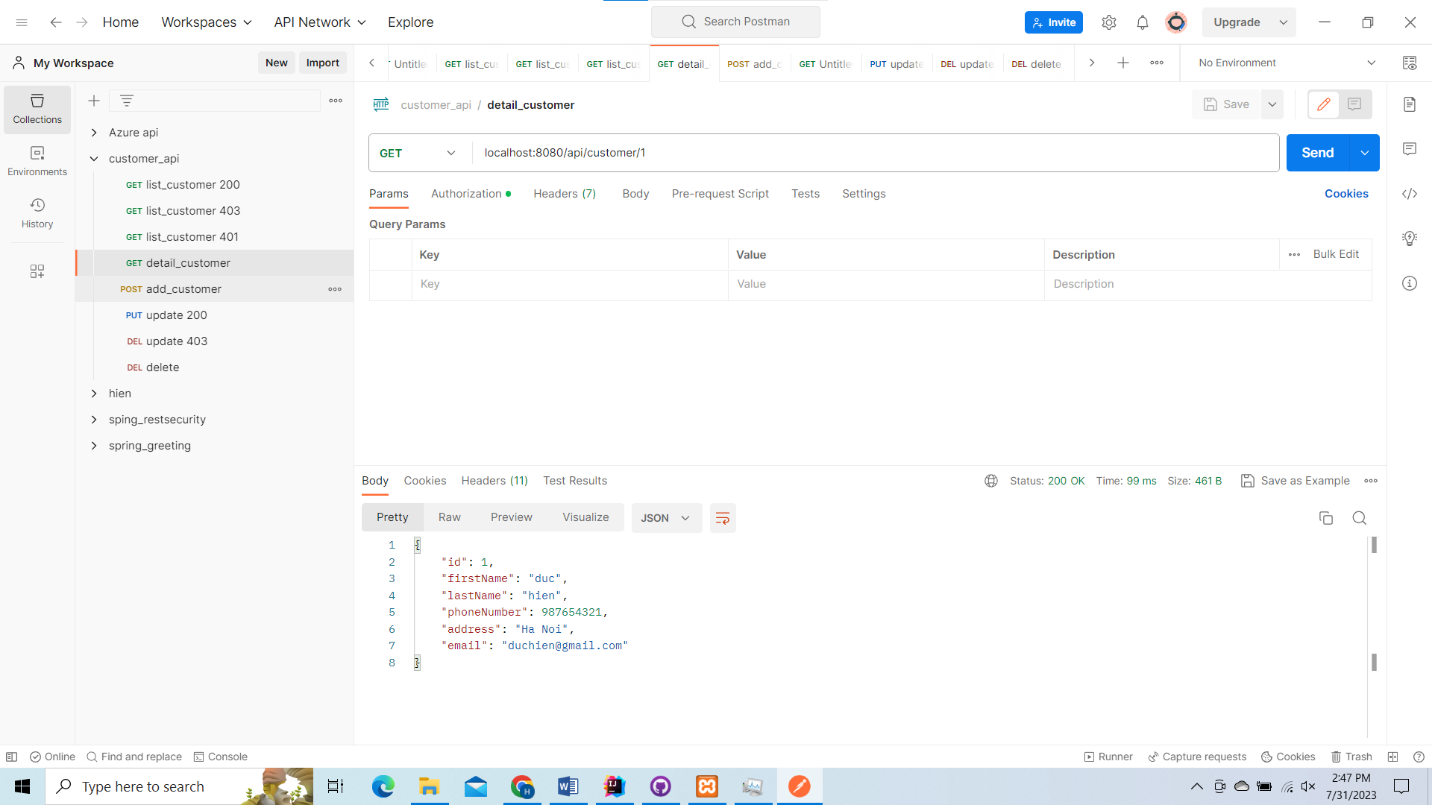
**-**Get List:



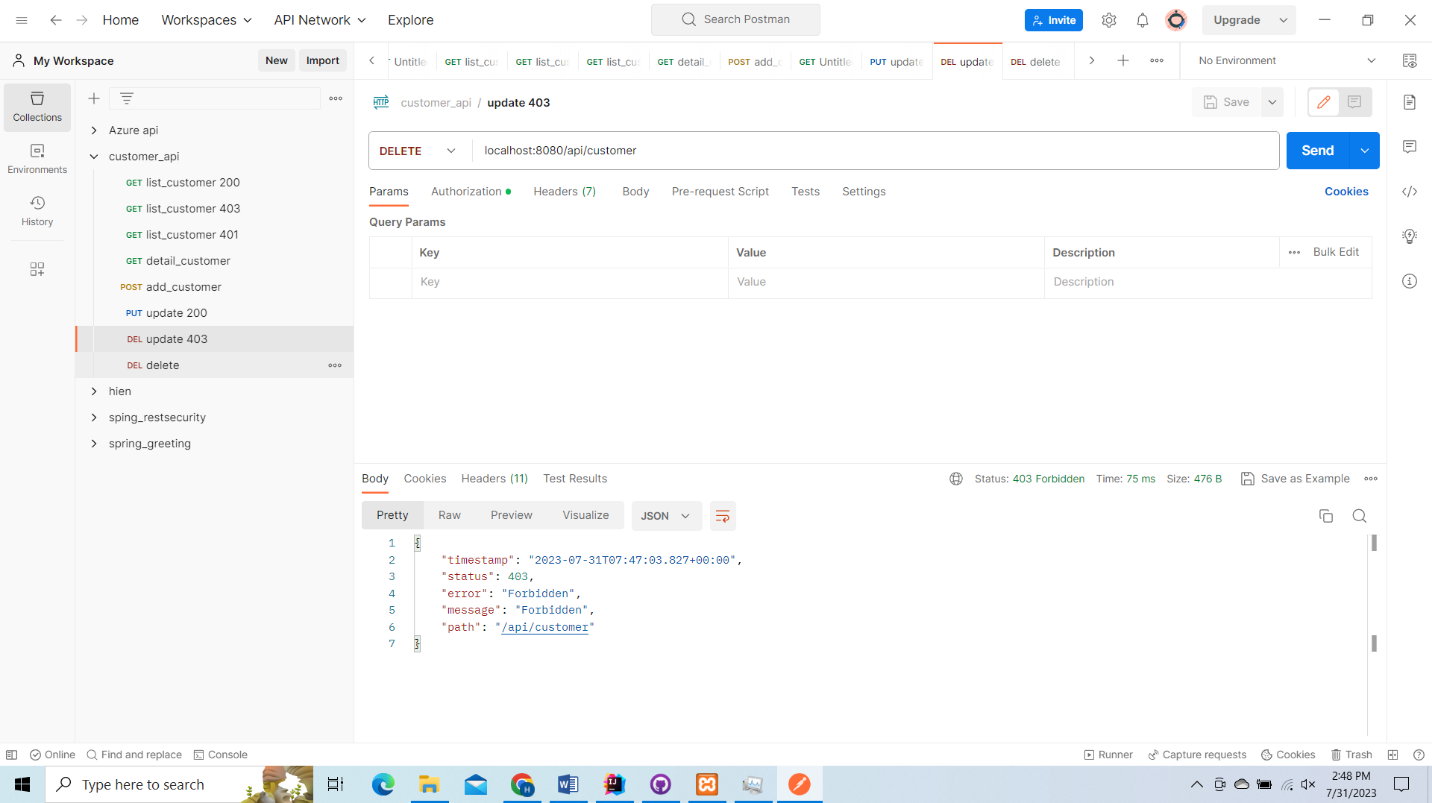
-Create New Customer:



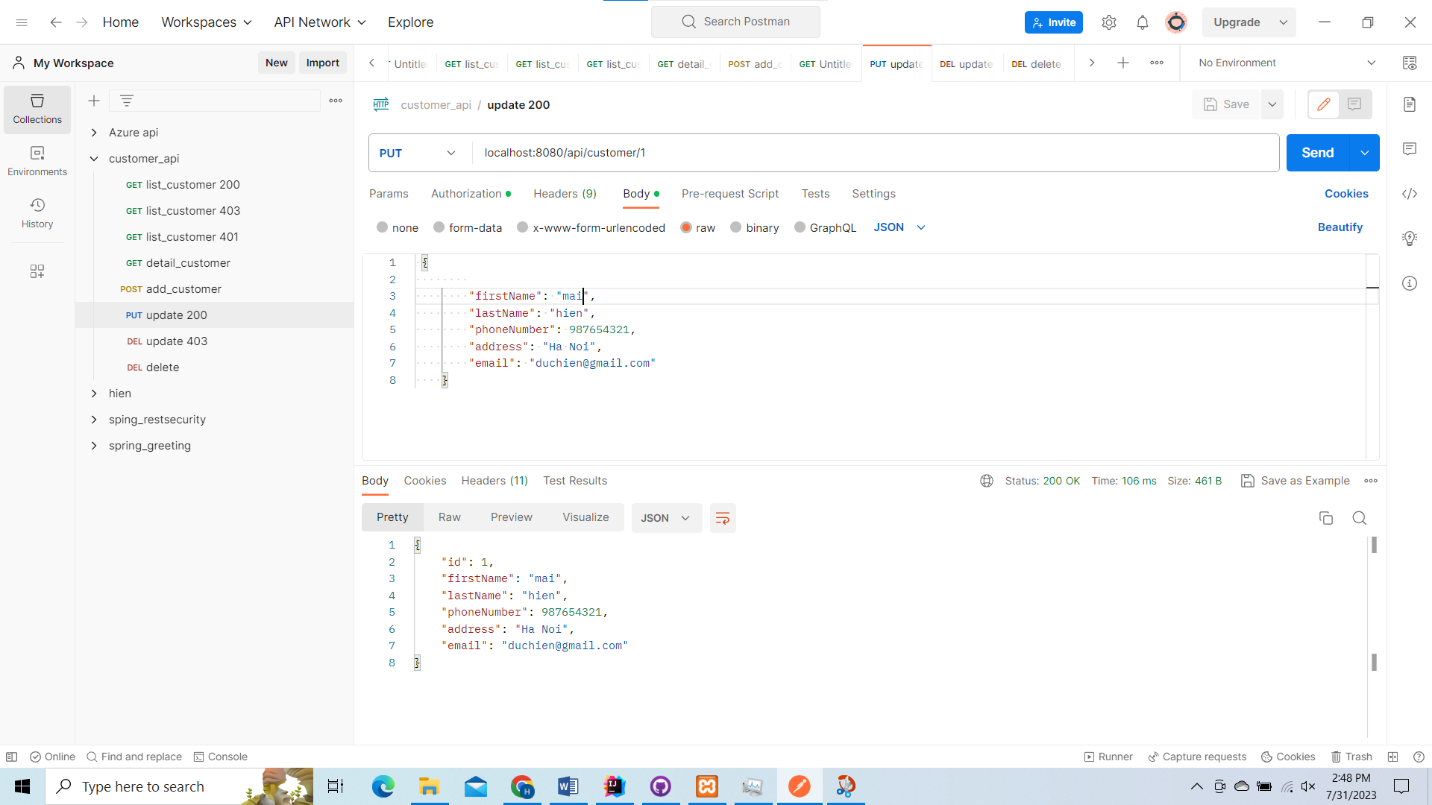
-Get Customer Detail Test:



-Update Customer 403 Test :



Update Customer 200 Test :



-Delete Customer 200 Test :

