Kitchen story

This document contains sections for:

- Description of the project
- Core concepts used in project
- Flow of the Application.
- Demonstrating the product capabilities, appearance, and user interactions.

Description of the project

Kitchen Story is an e-commerce portal that lets people shop basic food items on their website. The website needs to have the following features:

- A search form in the home page to allow entry of the food items to be purchased by the customer.
- Based on item details entered, it will show available food items with price.
- Once a person selects an item to purchase, they will be redirected to the list of available items. In the next page, they are shown the complete breakout of the order and details of the payment to be made in the payment gateway. When payment is done, they are shown a confirmation page with details of the order.

Project Overview:

•Kitchen Story is a company that manufactures and sells kitchen need products. They have a walk-in store, and now, they wish to launch their e-commerce portal KitchenStory.com. They decided to hire a Backend Developer to develop a prototype of the application.
• This project focuses on developing a REST API on the backend. It will be tested by using POSTMAN. There is **no frontend requirement** for this project. You should use dummy data for users, products, and order history

The administrator can:

The admin should be able to change his password if he wants, he should be able to:

- Manage the products in the store including categorizing them
- Browse the list of users who have signed up and be able to search users
- See purchase reports filtered by date and category

Core concepts used in the Project

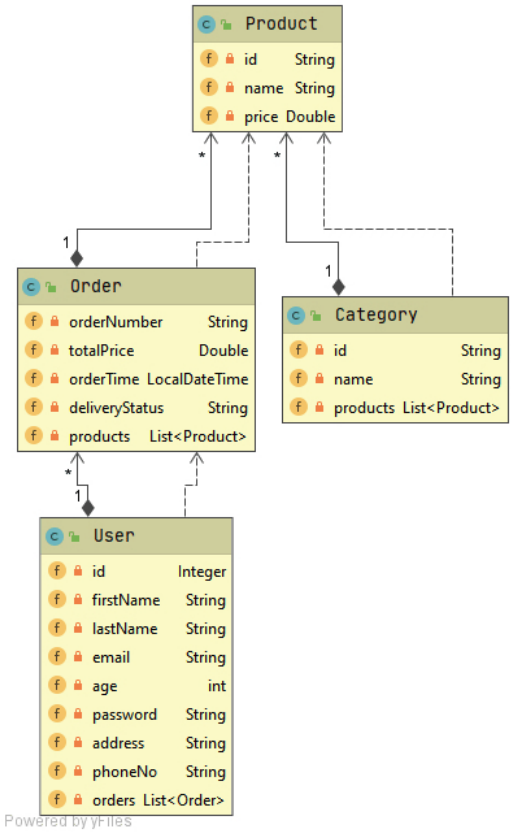
IDE: Spring Tool Suite

Framework: Spring Boot

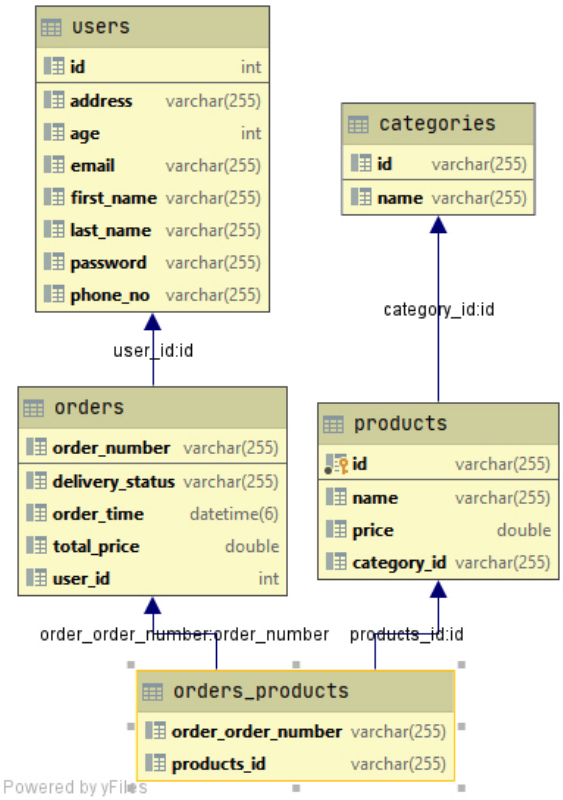
Programming Language: Java

Database: MySQL

Class Diagram



Entities diagram



Database Connectivity

app.component.html | index.html | grocery.css | *application.properties

```
server.port=9094
#mysql properties
spring.datasource.url=jdbc:mysql://localhost:3306/kitchenStory
spring.datasource.username=root
spring.datasource.password=Sruthi@1990
spring.sql.init.mode=always
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQL8Dialect

spring.jpa.defer-datasource-initialization=true
spring.jpa.show-sql=true
spring.jpa.hibernate.ddl-auto=update
```

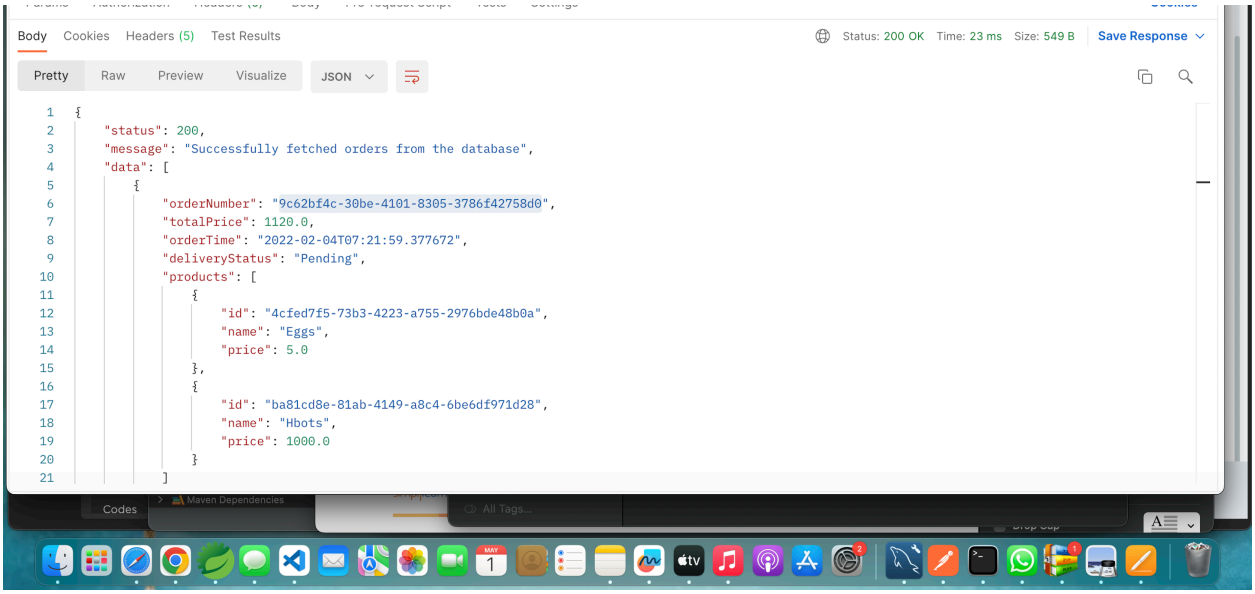
Database Connectivity: Create the application.properties file to setup connectivity to the database

Used Dependencies :

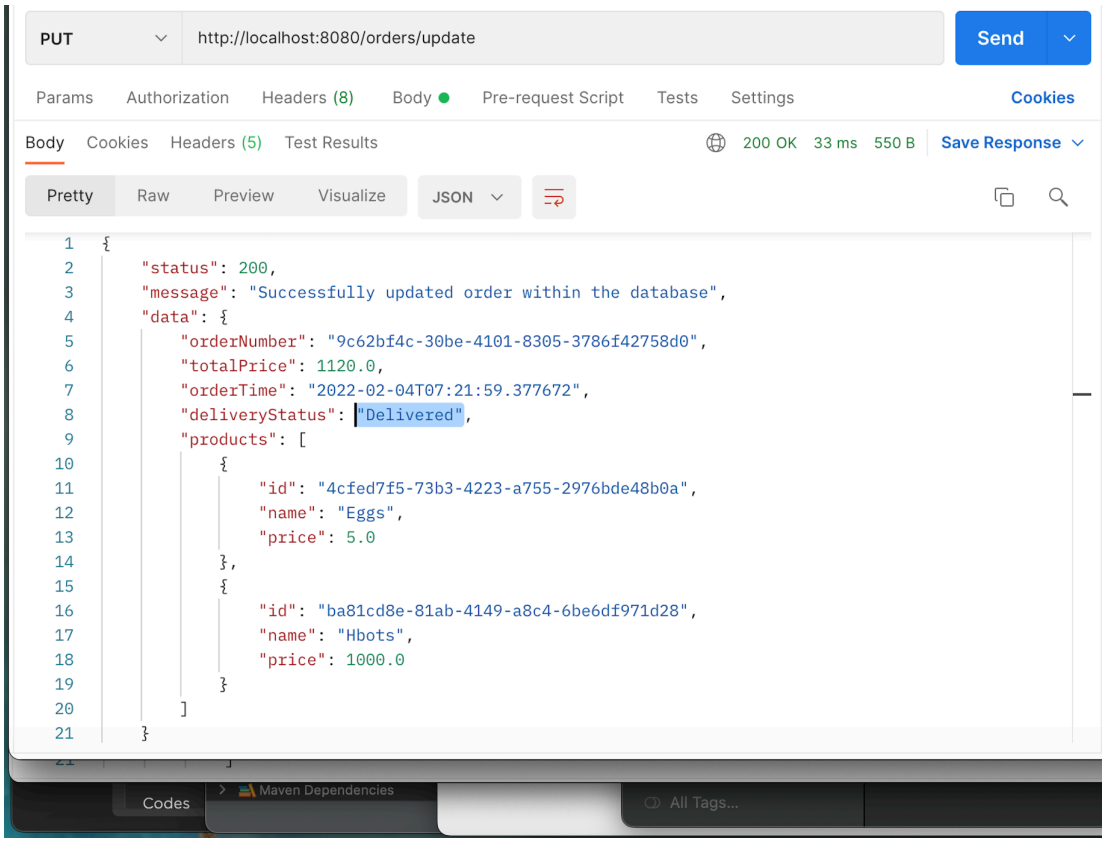
```
<dependencies>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-data-jpa</artifactId>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-thymeleaf</artifactId>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-web</artifactId>
    </dependency>

    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-devtools</artifactId>
        <scope>runtime</scope>
        <optional>true</optional>
    </dependency>
    <dependency>
        <groupId>com.mysql</groupId>
        <artifactId>mysql-connector-j</artifactId>
        <scope>runtime</scope>
    </dependency>
    <dependency>
        <groupId>org.projectlombok</groupId>
        <artifactId>lombok</artifactId>
        <optional>true</optional>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-test</artifactId>
        <scope>test</scope>
    </dependency>
</dependencies>
```

Some ScreenShots

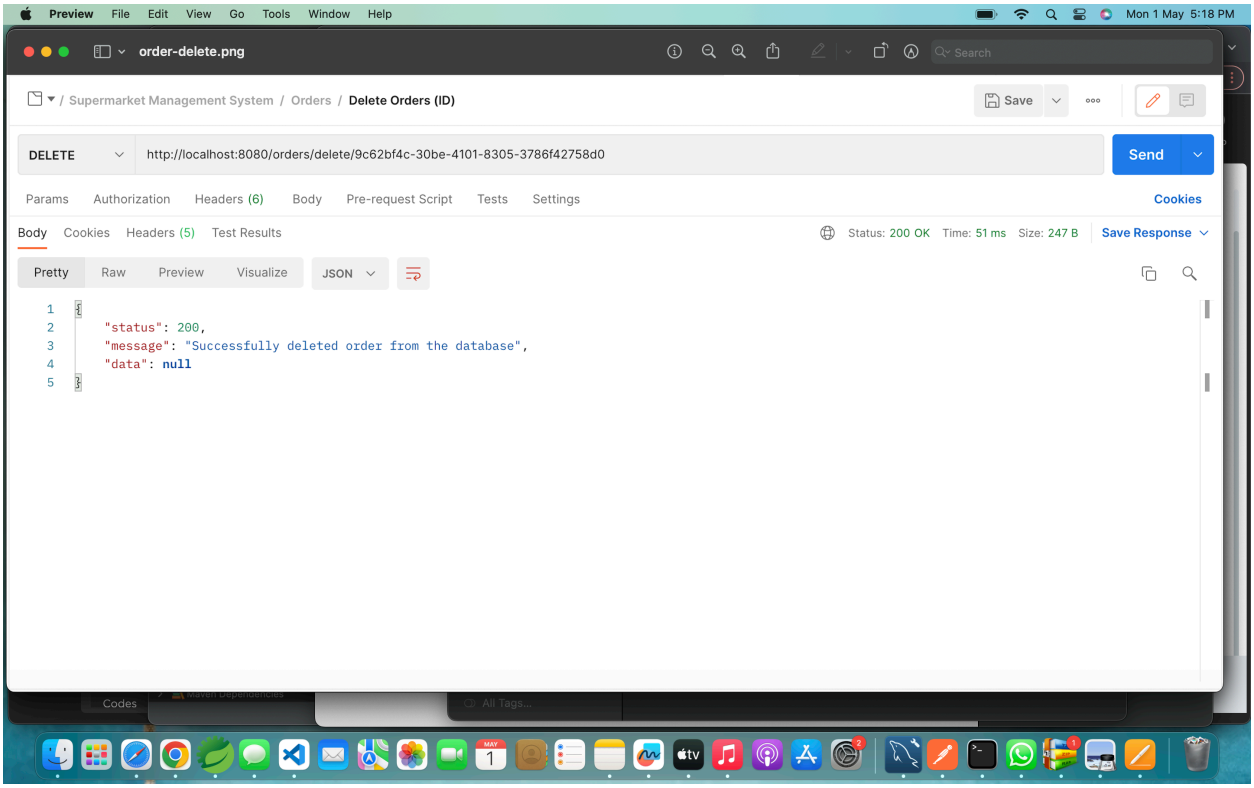
Order reading



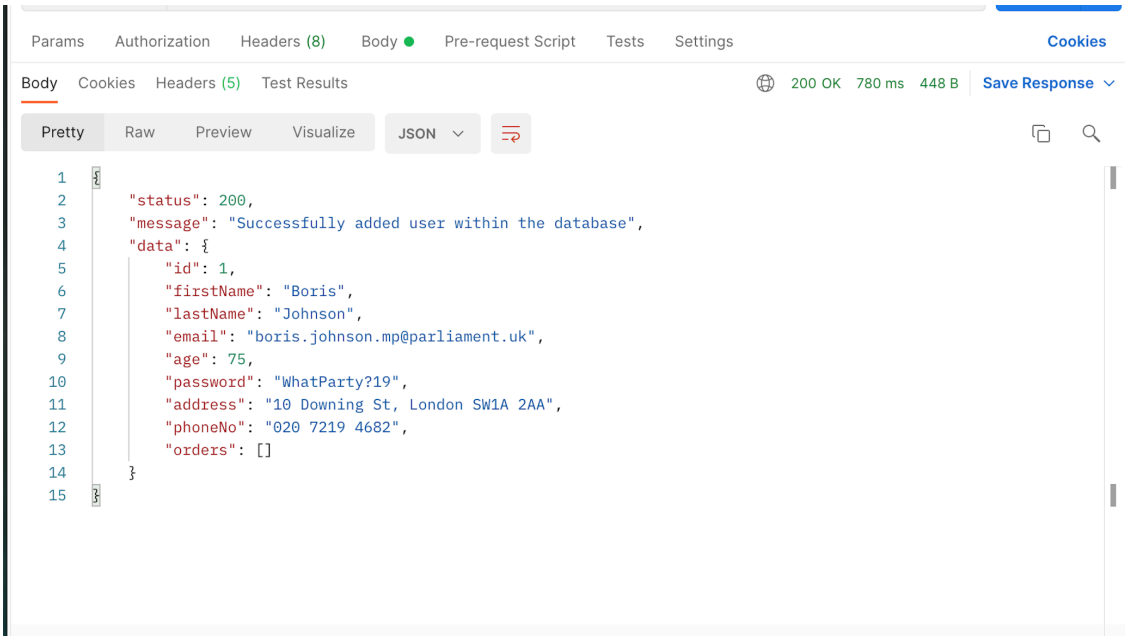
Order updating



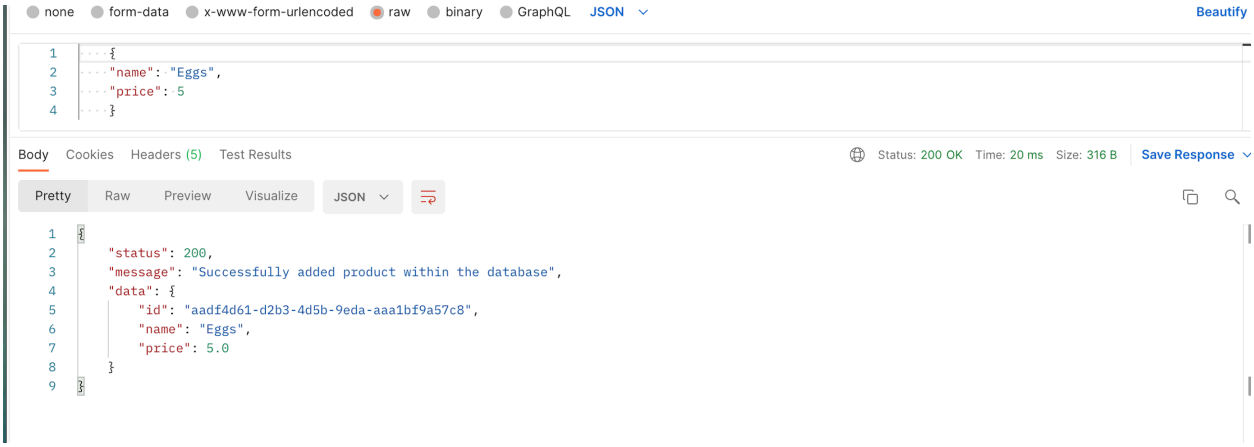
Order deletting



creating user



creating user



All code for this project can be found at the following link:

https://github.com/sruthisree001/kitchen_Story.git