**Project Structure**

**Project Name**

Online Shopping Management

**Technology Stack**

Programming Language: Java

Web Framework: Spring Boot

Frontend Framework: Angular

Database: MySQL

**Project Structure**

* **src/main/java**: This directory contains the Java source code of the application.
* **com/example/controller**: Contains the controller classes responsible for handling HTTP requests and mapping them to appropriate methods. The RestaurantController.java and OrderController.java files handle restaurant and order-related requests, respectively.
* **com/example/entity**: Contains the entity classes representing the core objects in the application. The Restaurant.java and Order.java files define the structure of restaurant and order objects.
* **com/example/repository**: Contains the repository interfaces responsible for interacting with the database. The RestaurantRepository.java and OrderRepository.java files define the methods for querying and persisting restaurant and order data.
* **com/example/service**: Contains the service classes that encapsulate the business logic of the application.
* **src/main/resources**: This directory contains the resources used by the application.
* **application.properties**: Configuration file for application-level properties such as database connection details or other settings.
* **src/webapp**: Contains the Angular components and services used for rendering the views and handling client-side logic.
* **components**: Contains subdirectories for different components of the application.
* **services**: Contains the Angular services that handle data retrieval and manipulation.
* **app.module.ts**:  The main module file where the components and services are registered.
* **src/test/java**: This directory contains the Java unit tests for the service classes.
* **pom.xml**: contains the configuration for the Maven build system.

Smart-buy

Product

├── src

│   ├── main

│   │   ├── java

│   │   │  └── com

│   │   │      └── example

│   │   │          ├── controller

│   │   │          │   ├── ProductController.java

│   │   │          │

│   │   │          ├── entity

│   │   │          │   ├── Product.java

│   │   │          ├── repository

│   │   │          │   ├── ProductRepository.java

│   │   │          └── service

│   │   │               ├── ProductService.java

│   │   └── resources

│   │       └── application.properties

│   ├── webapp

│   │   └── src

│   │       ├── app

│   │       │  ├── components

│   │       │  │   ├── Product

│   │       │  └── app.module.ts

│   └── test

│       └── java

│           └── com

│               └── example

│                  └── service

│                      ├── ProductServiceTest.java

├── pom.xml

└──README.md

**User**

├── src

│   ├── main

│   │   ├── java

│   │   │  └── com

│   │   │      └── example

│   │   │          ├── controller

│   │   │          │   ├── UserController.java

│   │   │          │

│   │   │          ├── entity

│   │   │          │   ├── User.java

│   │   │          ├── repository

│   │   │          │   ├── UserRepository.java

│   │   │          └── service

│   │   │               ├── UserService.java

│   │   └── resources

│   │       └── application.properties

│   ├── webapp

│   │   └── src

│   │       ├── app

│   │       │  ├── components

│   │       │  │   ├── User

│   │       │  └── app.module.ts

│   └── test

│       └── java

│           └── com

│               └── example

│                  └── service

│                      ├── UserServiceTest.java

├── pom.xml

└──README.md

