Project business details.

The main objective of this project is to create application E-Commerce for Fashion industry where is to provide an online product catalogue about commercial products.

Customers will be able to surf, choose, pay, and ask for delivery on the purchased products.

Merchants will be able to add their product online which can be surfed by the customers.

This new system should provide the following functionalities:

1. Registration for Customer (Customer information, billing details, delivery address)
2. Registration for Merchant (Merchant information, Product details, …)
3. Customer Login
   1. Customers add products to basket.
   2. Customers remove products from basket.
   3. Customers update product quantities in basket.
   4. Basket Total calculation
   5. Choosing a delivery method
   6. Order management (list of orders, order cancellation)
   7. Payment method management
4. Merchant Login
   1. Merchant inserts product information in the application and choose the price of the item.
   2. Merchant can see his item and he can cancel it.
   3. The sold item the money go to the merchant account.

Setup env

1. Create back-end application using java spring boot (IntelliJ) from JetBrains
   1. Maven dependencies
      1. To start an application we are using (<spring.version>3.0.0</spring.version>) (<https://mvnrepository.com/artifact/org.springframework.boot/spring-boot-starter-web>)

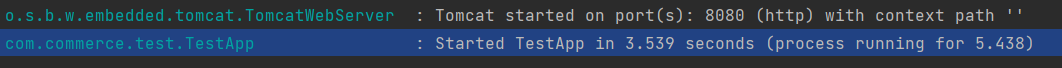
<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

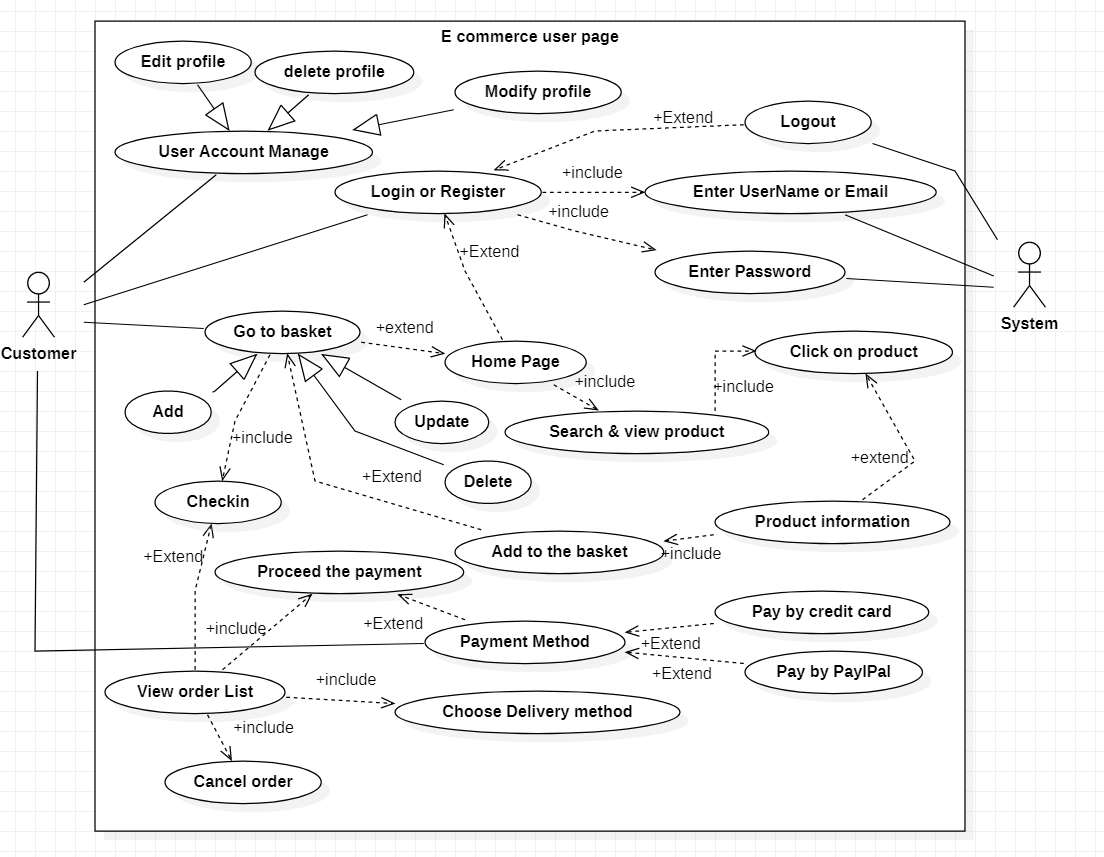
<version>${spring.version}</version>

</dependency>

* + 1. Then run application.

1. Create front-end application using angular (WebStorm) from JetBrains
   1. Change the configuration from localhost -> 127.0.0.1
   2. Run the application by ng serve in the Terminal.
2. Create database postgres (Data Grip) from JetBrains

Use cases diagrams:

Customer:

1. Customer registers or login to the System
2. After login using the username and password it will take him to the Home Page
3. From the homepage the user can search and view product.
4. Clicking on the product it will take the user to another page which will give more detailed information (size, style, price …) about the product and then he can add it to the basket.
5. From the Homepage the user can go to the “**Go to basket** “ where he can add another products or update quantity or delete it
6. In the Go to basket the user clicks on check-in to finalize his product. it will take him to another page View order List to see all the product that he wants to buy with total price, and he can choose the delivery method by his address that he putted in his account, or he can cancel the order.
7. After check in the order list he click on the proceed the payment to take him to another page which he will choose payment method.
8. The user can manage his account by modify or edit or delete profile.

Merchant (Seller):

1. Seller registers or login to the System
2. After login using the username and password it will take him to the Home Page
3. From the homepage can go to **Create product page** he can insert or update or delete product information
4. The product will be in the ship item page where the seller can view his product or he can cancel it.
5. If the product been sold in the ship item page the will go to the seller account.