

Shopping Clothing

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Description

- My project allows someone who wants to buy clothes to purchase just the ones they want from a wide variety of choices.



Features

- A customer can go to the main page and select from man, woman, boy, girl, or baby categories
- After their selecting, they can choose the type of clothes they want such as suits, t-shirts, sweaters etc. and add the products to the shopping cart.
- Since the products can be selected, they can ship after entering a delivery address and the payment method.



Planning - User Stories

- Useful for customers to want to purchase their clothes which they want by using online shopping.



Planning - Database

The database includes:

- a table for the imported product data
- a table for selected cart items by a customer
- a table for users

Users and cart items are linked in a many-to-one relationship, so there is each table to track those relationship.



Technology Stack

- Language - Java 8
- Framework - Spring Boot
- Template engine - Thymeleaf
- Database engine - MySQL
- Other library - Bootstrap



Demo



What I Learned

- Natural query syntax using the @Query annotation (to select distinct product)
- Incorporating external data into to match database schema
- How to override Bootstrap
- Better understanding of:
 - Java persistence
 - Spring Boot
 - Thymeleaf
 - Model View Controller (MVC) practises



What's Next

- Improve User Interface by adding JavaScript
- Make that front end more pretty and less Bootstrappy
- Refactor the way the application parses the strings
- Eventually deploy the application

