SPORTY SHOES Pvt Ltd

Product – SportyShoes.com
Subject – Documentation for the prototype application
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GitHub Link- https://github.com/sachinskale127/Java_FSD_Phase3_Project-.git

ABOUT

The Sporty Shoes e-commerce portal should provide an overview of the company and its current offerings. This could include information on the types of sports shoes that Sporty Shoes manufactures and sells, as well as the company's current distribution channels (i.e. walk-in store) and customer base.

Discover the ultimate collection of stylish and sleek sports shoes at sportyshoes.com
Implementation is done with the help of Java 19 and IDE Eclipse IDEA.

The prototype of the application starts from the frontend, and it can also directly start from the project folder. This portal allows us to do shoes(product) management across administrator and provide spots shoes order facilities across client side which will at the end page goes to the payment portal(dummy). This prototype is built through various webpages (mainly .jsp file) which are interconnected with backend.

APPEARANCE

On the home page of "Sporty Shoes" website. The header of the page has a logo with the name "Sporty Shoes" and two links on the right side for signing in and signing up. Below the header, there is a horizontal line. Below the line, there are 4 links for the user to navigate to the Homepage, Men's shoes, Women's shoes and Kid's shoes. Also three images (representing men's shoes, women's shoes, and kids shoes), and a footer. The images are clickable links, taking the user to different pages within the website like when I click on Men's shoes image that can take us on men's shoes page . The footer has text reading "Copyright © SportyShoes. All rights reserved" centered on a black background. The overall appearance of the website is simple and straightforward, with images and links for different shoe categories.
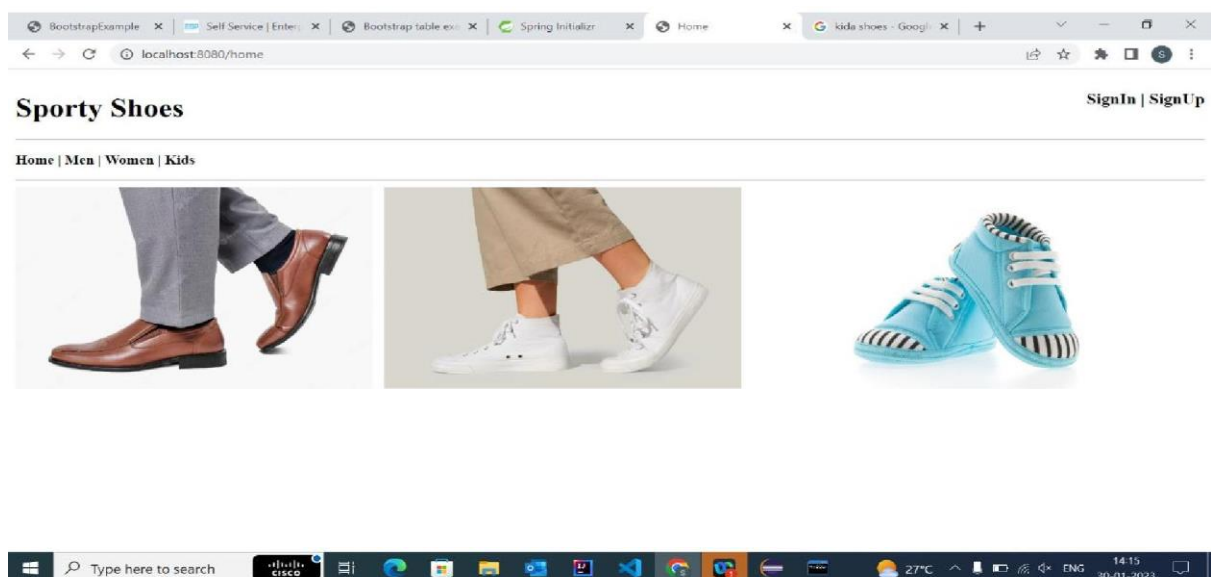
When we sign-In with admin username and password we navigate on admin home page . It contains links to various pages for managing a shoe store, such as "Men Shoes", "Women Shoes", "Kids Shoes", "Change Password", "Customers List", "Add Product", "Reports", and "Logout". Admin can do various task like add products on men's shoes, women's shoes and kids shoes, change password, update product, delete product, check sales reports and check customers list.

The Sporty Shoes e-commerce platform is designed to provide a comprehensive and user-friendly shopping experience for customers looking for sports shoes. The platform will feature product search and filtering options, detailed product information, and an easy checkout process.

USER INTERACTIONS

• The following images will depict the user interactions and step-by-step processing of the application :-

1: Home Page

2: Sign-up page

3:Sign-In page

4:Admin homepage (Login using admin username and password)

Welcome

Home   Men Shoes   Women Shoes   Kids Shoes   Change Password   Customers List   Add Product   Reports   Logout

Name	Price	Category	Img_Link	Update	Delete
bata shoes	1999.0	1	https://m.media-amazon.com/images/I/71k2Eddx-DL._UL1500_.jpg	update	delete
Sports	9999.0	1	https://m.media-amazon.com/images/I/611XxH28WpL._SL1400_.jpg	update	delete

5: Women shoes list (admin page)

Welcome

Home   Men Shoes   Women Shoes   Kids Shoes   Change Password   Customers List   Add Product   Reports   Logout

Name	Price	Category	Img_Link	Update	Delete
bata shoes	1999.0	1	https://m.media-amazon.com/images/I/71k2Eddx-DL._UL1500_.jpg	update	delete

6: Kids shoes list (admin page)

Welcome

Home   Men Shoes   Women Shoes   Kids Shoes   Change Password   Customers List   Add Product   Reports   Logout

Name	Price	Category	Img_Link	Update	Delete
Nike	6999.0	3	https://static.nike.com/a/images/t_PDP_1280_v1/f_auto,q_auto:eco/259add1a-f6f1-4a5a-8b0b-896153179b6e/revolution-6-younger-shoes-d8d8lG.png	update	delete

8: Customers List (Admin page)

Home   Men Shoes   Women Shoes   Kids Shoes   Change Password   Customers List   Add Product   Reports   Logout

Customers Information

Firstname	Lastname	Password	Rollid	PhNo	Email
Manohar	Ganavi	ganavi	2	7632987309	ganavi@gmail.com

10: Sales report men's category on 29 January 2023 (Admin page)

11: Men's shoes page

12: women's shoes page

13: kids shoes page

14: Selected shoes page

Sporty Shoes

Home | Men | Women | Kids

skethers

Product Id : 3
Categeroy : 2

Price : 4000.0

Quantity: 1

Place Order
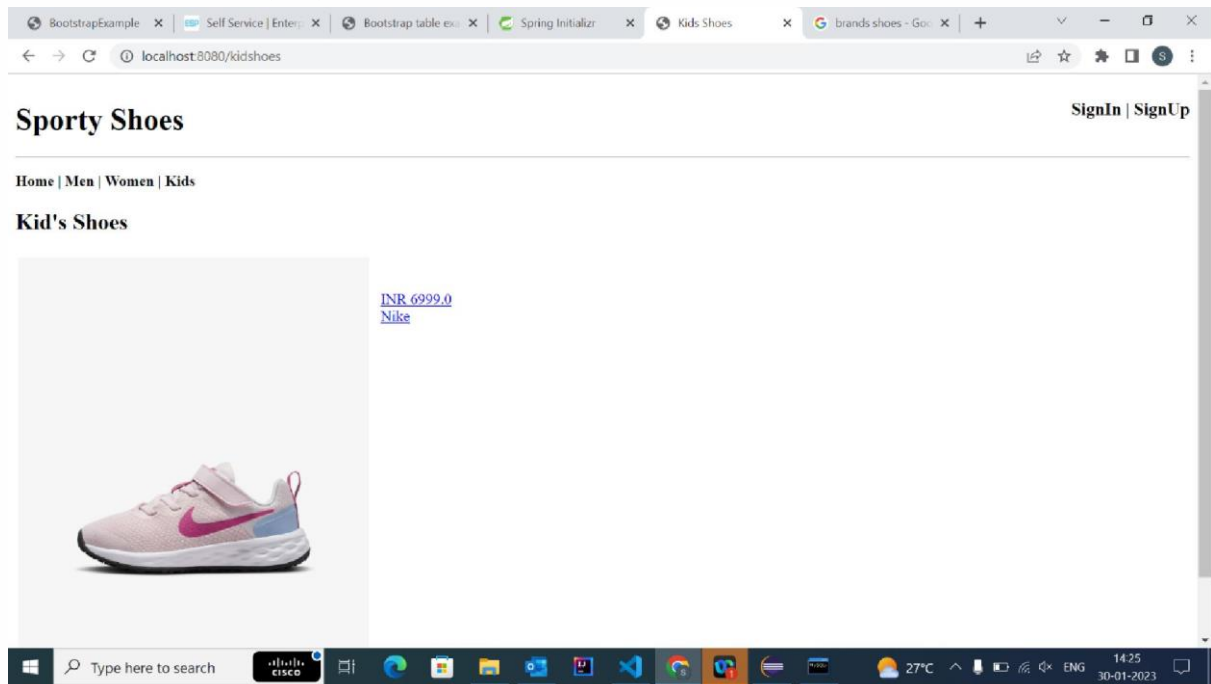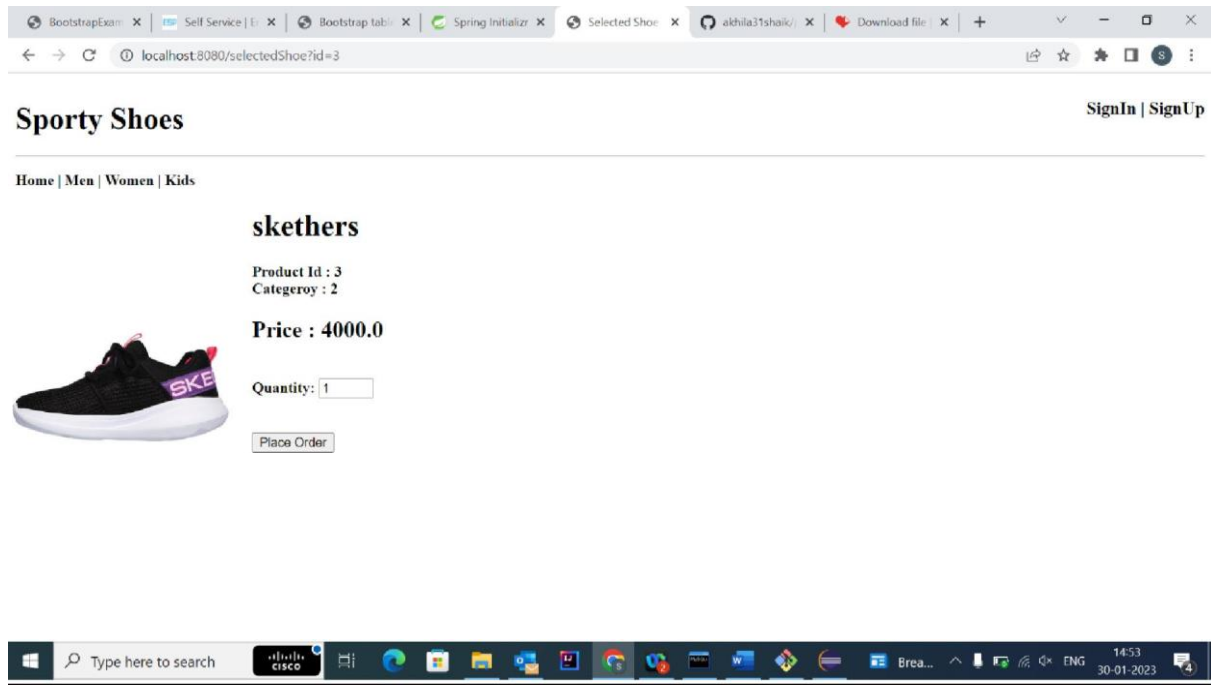
16: Order and Payment Confirmation page

Payment Done.Order Placed

Thanks for the Shopping.....

Back to Home
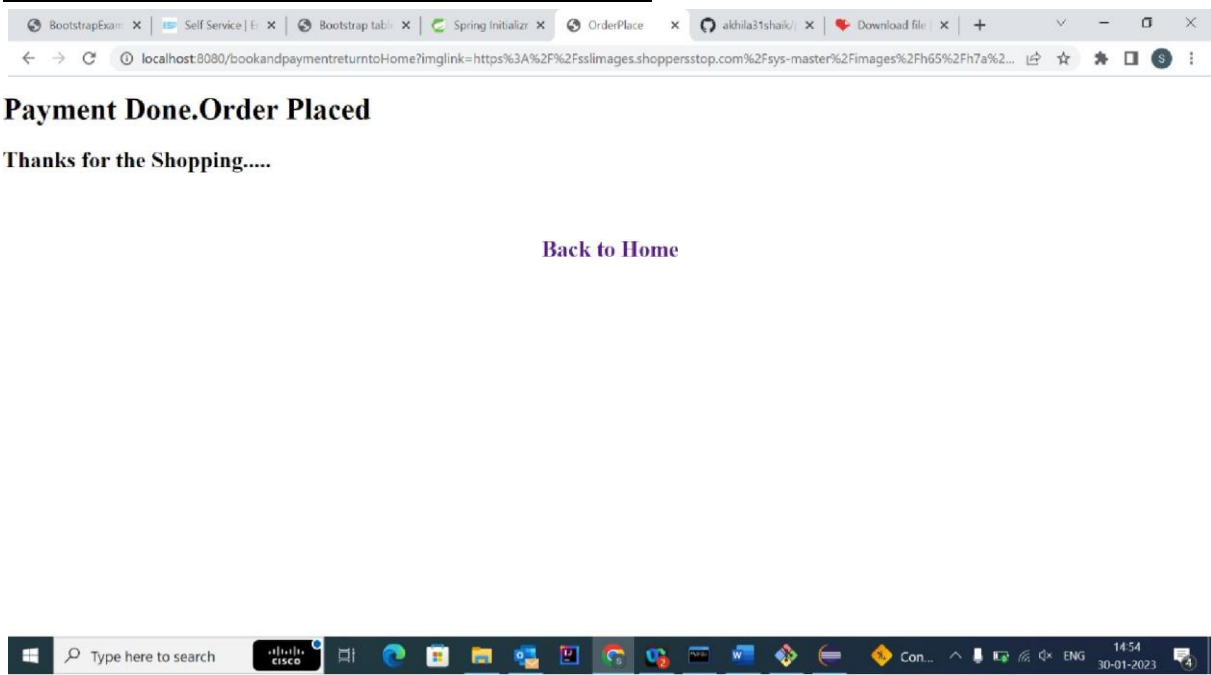
File Structure

File Structure

```
src
├── main
│   ├── java
│   │   └── com
│   │       └── cisco
│   │           └── sportyShoes
│   │               |     └─SportyShoesApplication.java
│   │               |
│   │               ├── controller
│   │               |   └── CommomController.java
│   │               |
│   │               ├── dao
│   │               |   ├── OrderDao.java
│   │               |   ├── ShoesDao.java
│   │               |   └── UsersDao.java
│   │               |
│   │               ├── exception
│   │               |   └── GlobalExceptionHandeler.java
│   │               |
│   │               ├── model
│   │               |   ├── OrderedShoeModel.java
│   │               |   ├── ShoesDataModel.java
│   │               |   └── UserInfoModel.java
│   │               |
│   │               ├── service
│   │               |   ├── OrderService.java
│   │               |   ├── ShoesService.java
│   │               |   └── UsersService.java
│   │
│   └── resources
│       └── application.properties
└── main
    ├── webapp
        └── WEB-INF
            └── View
                |   └── .jsp (All file)
                └── style.css
```

Conclusion

The Sporty Shoes e-commerce platform will offer a wide range of features and capabilities to enhance the shopping experience for customers. From easy product search and filtering, to detailed product information and a seamless checkout process, customers will have everything they need at their fingertips. The platform will also have a responsive and optimized user interface, showcasing products through high-quality images. The prototype is robust and platform independent.

User can easily use the prototype and safely exit out of it.

As a developer, we can enhance it by introducing several new features such as guards along each web pages as currently its statically connected with each along with backend as will not allow to go back once admin has been logout, routing, custom validators and can have more user-friendly by adding styling (CSS), custom loaders.

Though this prototype is tightly connected, the data will only persist in database until server is running and gets reset with each restarting of sever because of manual configuration of hibernate.

And lastly, this prototype can be upgraded by implementing with securities patches to make it more versatile and secure in both local environment and global and later can be configured dynamically with connection of database through hibernate.