

Writeup

Project Name: Make an E-commerce Website for Sporty Shoes

GitHub Link:

https://github.com/Bikki084/Java_FSD_All_Projects/tree/master/Phase_3/Assesment_Project/SportyShoes

DESCRIPTION

Project objective:

As a Full Stack Developer, complete the features of the application by planning the development and pushing the source code to the GitHub repository.

Background of the problem statement:

Sporty Shoes is a company that manufactures and sells sports shoes. They have a walk-in store, and now, they wish to launch their e-commerce portal sportyshoes.com.

Developed a prototype of the application. It will be then presented to the relevant stakeholders for budget approval. This prototype can do the following:

- Presenting the specification document which has the product's capabilities, appearance, and user interactions.
- Setting up Git and GitHub account to store and tracking the enhancements of the prototype.

- The Java concepts used in the project.
- Discussing the generic features of the product:
- There will be an admin to manage the website. An administrator login will be required to access the admin page.

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

Features of the Website:

SportyShoes is an e-commerce platform where an Admin can perform the following operations:

- Login and
In a menu Options
- view all the
 - purchases
 - users
 - Update products
 - Delete products
 - Change Password

- Logout.
 - Navigate back to the Home page.
 - User can login with its existing login credentials
 - if not registered the User can register there self by clicking on “Register (Click here)” button.
- Product catalogue displayed in the Home page from where User can add it directly to their cart, checkout the product and move further to the payment gateway.
- After that User could view their order history with all the product details

Technologies Used:

Frontend – Bootstrap4, JSP, HTML5 and CSS3

Backend - Advanced Java

DATABASE - Hibernate, JPA, MySQL JDBC

Framework - SPRINGBOOT and Spring MVC

Application Server - Tomcat 9.0 Local server / Spring Tool Suite 4

Setup:

To run this project in your localhost - download this project in local directory and import it in your Eclipse IDE (The port will have been set to 8484).

Download dependencies and run using Tomcat local host server. To start choose home.jsp file under Web Content to run it successfully. Or, can right click on the project and select “Run As” → “spring Boot App”, the project will start running on the port number 8484.