

# Sporty Shoes

Phase -3 Project

## Project and Developer details :

The code for this project is hosted at [https://github.com/sahil743/Sportyshoes\\_sahil.git](https://github.com/sahil743/Sportyshoes_sahil.git)  
Project is developed by Sahil Agrawal

## 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.

## Sprint Planning :

This project is intended to be delivered in three sprints.

**Sprint 1:** Analysed the application's features and prepared a Git Repository. Implement the database schema for the following.

**Sprint 2:** Create basic CRUD operations. A 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.

**Sprint 3:** Tested the application numerous times to ensure a high-end quality product and pushed it to GitHub. Prepared this document highlighting the application's capabilities, appearance and user interactions.

## Core Concepts :

The concepts used in the project are:

- CRUD Operations
- Exception Handling
- Authentication and Authorization
- Frontend technologies like CSS
- Java Server Pages (JSP)

## File structure :



## GitHub Repo :

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## 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.