**PHASE - III**

**Final Project Details**

Date: 04/04/2022

**Project Name:** Sporty Shoes (Online Store)

**Project Developed Language:** Java EE, MySQL, JSP

**Software Used:** Eclipse IDE for Developers 2021-12, Spring Boot and MVC

**Version Control & Remote Accessing:** GitHub

**Developer Details**

**Name:** Rajagopal Sai Krishna

**Employee Id:** 2499086

**GITHUB Repository Link:**

<https://github.com/SaiKrishna6699/JavaFSDFinalAssesment.git>

## **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.

**Project Details:**

This project is designed and developed to create a online Sports ware store portal that lets the people Buy Foot ware Online. This project is developed using Maven to create a web enabled maven project. Spring Boot and Tomcat for local web hosting. JSP for the Front end to develop web pages and Java Servlet for Backend Processing like JDBC connect etc. Hibernate to store data into Database and MYSQL is created to store product data.

## **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.

You’re asked to develop a prototype of the application. It will be then presented to the relevant stakeholders for budget approval. Your manager has set up a meeting where you’re asked to 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 track your enhancements of the prototype
* Explaining 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 website features:**

Sporty Shoes is a simple e-commerce website where admin can:

* Login and
* view all the
  + - purchases,
    - users,
    - Update products,
    - Delete products,
    - Change Password,
  + Logout.
    - navigate back to Home page.
    - User can login with its existing login credentials
    - if not registered the User gets an option to register.
  + Product catalogue displayed in the Home page from where User can add it directly to cart and checkout.

## Technologies Used

* Frontend - Bootstrap, JSP, HTML5 and CSS3
* Backend - Advance 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.

Download dependencies and run using Tomcat local host server. To start choose home.jsp file under Web Content to run it successfully.

**Conclusion:**

This project has a huge scope of improvement. One can easily add the functionalities like checking the High Secure Payment Gateway. Realtime Tracking order, Adding New Category of Products. It also needed to add security features into the application for user data protection. The Project once fully developed it can act as a complete Online Fashion Store.