**Project Detail**

Project Name: Sporty Shoes

**Project Details:** This project is for the design and developing a Sporty Shoes As a Full Stack Developer, complete the features of the application by planning the development In Spring Boot Framework and pushing the source code to the GitHub repository.

Objective : Ecommerce Website For Shoes In Admin And User Portal

**Developer Detail**

Name: Harish Ragaventhar C

**Summary:**

Sporty Shoes is a E-Commerce website that sells sports shoes online. The website is built using Spring Boot and JSP for the front-end and MySQL for the backend. Bootstrap is used for the styling of the website.

# Technology

Spring Boot

JSP

MySQL

Bootstrap

**Sprint Planing:**

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Sprint 1: Planning and Designing UI (Duration: 2 Days):

Understanding the requirements and functionalities of the application, Setting up the development in STS Enviroment then Start developing welcome of the application.

Sprint 2: Creating Frontend and Defining Entities (Duration: 2 Day):

Developing frontend of all portal using JSP, bootstrap and also creating entities required for the project.

Sprint 3: Developing Admin Portal: (Duration: 3 Day):

Once all the database entities are developed stared developing backend for admin operations.

Sprint 4: Developing User Portal (Duration: 3 Day):

Developing backend for user operation to buy shoes.

Sprint 5: Testing and Documentation (Duration: 2 Days):

Testing an application and fixing any bugs if present and preparing the final documentation of the application.

**Algorithm:**

**1.Start the Process**

1. Create a new Spring Boot project and add the necessary dependencies to the pom.xml file.

2. Create the necessary packages and classes for the project:

- Controller package: contains the controllers for handling HTTP requests

- Entity package: contains the Entity classes for the application

- Repository package: contains the repository interfaces for accessing the database

- Service package: contains the service classes for the application

3. Create the necessary JSP pages for the application

AdminDashboard.jsp,Adminlogin.jsp,Index.jsp,SignUpUser.Jsp,UpdateProduct.jsp,UserDashboard.jsp,UserLogin.Jsp

4. Configure the database properties in the application.properties file and create the necessary tables for the application: 'users', 'products', 'orders', and 'order\_items'.

5. Implement the repository interfaces for accessing the database

6. Implement the service classes for the application

7. Implement the controllers for handling HTTP requests:

AdminController,CatogoryController,MainController,ProductController,PurchaseController,UserController

8. Style the website using Bootstrap and implement admin pages to manage products and users:

9. Test the application:

- Run the application and test the functionality of the website using a web browser

- Test the admin pages to ensure that admin users can manage products and users as expected.

10.Stop the Process

How To Run The Program:

1. Create A Database Copy The SQL Query Save IT
2. Give Connection Configuration Like portnumber and Database Connectivity In Application.Properties
3. Then Update The Maven Project
4. Run It.