

## **E-commerce Website for Sporty Shoes**

### **Problem Statement:**

- To create an e-commerce website for Sporty Shoes with Spring Security where users can browse different shoes, order them, and view their order and confirm it. This project, aims to create an e-commerce website for Sporty Shoes ,is based on different Spring Boot+ JPA through which users can log in and Buy Shoes.After Order, they can find respective order with OrderId based on their accurate order.
- There are two types of users on this SportyShoes Website.
  - Admin user
  - Participant

### **Developer Details:**

Name: Pradeepa S

Employee id: 2529352

### **GitHub Link:**

[https://github.com/PradeepaSaravanan/Java\\_Phase2/tree/master/Phase3/EndProject/Ecommerce](https://github.com/PradeepaSaravanan/Java_Phase2/tree/master/Phase3/EndProject/Ecommerce)

### **Sprints Planned and the tasks achieved:**

This project is completed in three sprints:

#### **Sprint 1:**

- Project Planning.
- Find the flow of the application.
- Arrange the necessary requirements such as tools and compatible workspace.

#### **Sprint 2:**

- Create all the project files and map with the controller.
- Make the code ready to run with user input.
- Manipulate with user inputs.

#### **Sprint 3:**

- Feasibility report. ▪
- Specification Document

- Creating Git repository to track changes as development progress in future. ▪
- The project requirements are completed using Java , MySql, hibernate, Spring Boot, Jpa.
- Source code
- Pushing Code to github repository

### **Algorithm:**

1. Start the application
2. Set the database configuration to access the database and doing necessary operations.
3. Set the admin in the admin database so that admin can able to login and do the necessary updates.
4. Admin can able to update their own security information like username and password after login
5. After login into the website, admin can add various brand shoes and users and update/delete the shoes and the users info.
6. Admin can able to view the list of orders ,list of users on this website and admin can access the users page also.
7. Users can able to buy the Shoes for their wish by pay the money and get their order details for their roduct.
8. To run the application, need to follow the steps.
9. Run the program which contains application file as Java application.
10. Open any browser and hit the url as per the mapping.
11. Results is displayed.
12. End

### **Tools used:**

- Eclipse IDE
- MySql WorkBench

### **Core Concepts used:**

- Spring Boot
- JPA
- Hibernate
- Spring MV

