**SimpliLearn Phase-2**

**Project Details**

**Project Name:** SportyShoes.com

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**Topic:**

This document aims to elaborate the features, the application architecture and flow, the technology used for development and the development plan of the project named SportyShoes, an e-commerce website for sporty shoes.

**GitHub Repository Link:**

<https://github.com/simplilearn-sonali>

**Application Purposes:**

The application is built for following purposes:

* A sign-up form for guest to register as member user.
* A login form for signed-up user to sign-in to do shopping.
* The product catalog pages grouped by categories, displaying image, name, short description and price of the available products.
* The product details page displaying image, name, short description, long description and price of a product and allow user to add the product to bag
* The bag page displaying bag items with product image, name, short description, quantity and total price. The page also allow user to update the bag item’s quantity or remove the bag item. User can subsequently proceed to checkout from the bag page after finished shopping.
* A payment page displaying the total price summary and the payment form for user to fill-in credit or debit card details. Payment is done via dummy payment gateway.
* An order confirmation page displaying ordered items’ image, name, short description, quantity and price.

**Agile Methodology Sprint Planning:**

Planned to complete the Application in 3 sprints of 1 week duration each. Tasks completed in each Sprint:

Sprint-1

* Admin can change the password.
* Admin can manage all the products.

Sprint-2

* Admin can categorize all the products based on brands, size & price.
* Admin can browse the list of users who signed up & can be able to search users.
* Admin can see purchase details of all the products filter by date & category.

Sprint-3

• Testing.

**Application uses:**

* Java 8
* Eclipse IDE
* Spring 5
* Spring Boot 2.3.7.RELEASE
* Spring data JPA
* JSP to build dynamic web-based application.