**SIMPLILEARN**

**PHASE-3 PROJECT**

**SPORTY SHOES**

**By**

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**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 ecommerce portal sportyshoes.com.

We need to develop a prototype of the application. It will be then presented to the relevant stakeholders for budget approval. The main tasks are:

● 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 admin should be able to change his password if he wants, he should be able to:

● Manage the products in the store including categorizing them

● Browse the list of users who have signed up and be able to search users

● See purchase reports filtered by date and category

**Tools Used:**

|  |  |
| --- | --- |
| **Programming Language Used** | **Java, Spring boot** |
| **IDE** | **Eclipse** |
| **Database** | **H2 Persistent Database** |
| **Version Control System** | **Git & Github** |
| **Methodology** | **Agile Scrum-Jira** |

**Sprints:**

The sprint details and user stories are mentioned in the **p3sprints document(excel).**

**Screenshots:**

The images taken while doing project are mentioned in the **p3screenshots document**

**Tables Created:**

* User
* Product
* Purchase
* Cart

**Exception Handling:**

Few exceptions are handled so that the code doesn’t give any exception while compiling.

**Execution Process:**

1. Open the project(sporty\_shoes) it is spring boot application.
2. The appropriate tables are created for the admin
3. For execution install the lambok by going to🡪maven dependencies🡪find lambok jar file🡪properties🡪external file🡪find the location of spring boot🡪install🡪close
4. Execute the project in spring boot maven app.
5. In browser with address <http://localhost:9200/h2> open the h2database
6. U can add the data by swagger : <http://localhost:9200/swagger-ui.html>.

**\*NOTE:**

There are many tables created, those are used for front end which will be in other phase so consider the mapping for user, product, purchase table only

**Git Repository:**

The project is uploaded in the following repository

**Link:** <https://github.com/suman-rani/Phase3Project>