Project: Make an E-commerce Website for Sporty Shoes

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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.

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.

- 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

Step1: Creating a Maven Project which is web enabled

- Open Eclipse
- Go to the **File** menu. Choose **New->Maven Project**
- Check **Create a Simple Project** and check **Use Default Workspace Location** and click on **Next**
- From the **archetype** list, choose the row that has **Artifact Id** as **maven-archetype-webapp** and click on **Next**
- Enter **Group Id** as **com.sportyshoes** and **Artifact Id** as **Sporty_Shoes** and click on **Finish**

- This will create the project files in the Project Explorer
- Before building the project, we need to confirm that the **servlet.jar** has been added to the project.

Step 2: Running the project

- To run the project, open a web browser and type:
  http://localhost:8080/SpringSetup

Step 3: Pushing the code to your GitHub repositories

- Open your command prompt and navigate to the folder where you have created your files.

  cd <folder path>

- Initialize your repository using the following command:

  git init

- Add all the files to your git repository using the following command:

  git add .

- Commit the changes using the following command:

  git commit . -m "Changes have been committed."

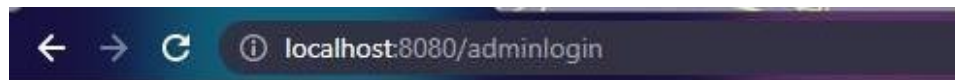- Push the files to the folder you initially created using the following command:

  git push -u origin master

Wellcome To Sporty Shoes Web App!!!

Admin Login

Username   Manager

Password   ••••••••

New Password   ••••••••
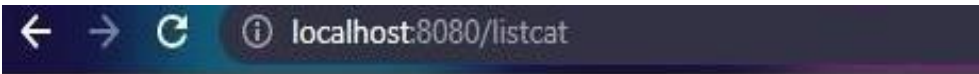
login/changepassword

← → C ⓘ localhost:8080/adminlogin

Admin Work System

Click here to Manage Categories
Click here to view the list of users
Click here to view the products List

LogOut

Categories List

Create New Category

id	Name	Action

LogOut

Insert title here × +

← → C ⓘ localhost:8080/logout

Conform Logout

List OF User Details × +

← → C ⓘ localhost:8080/index

List of All The Users

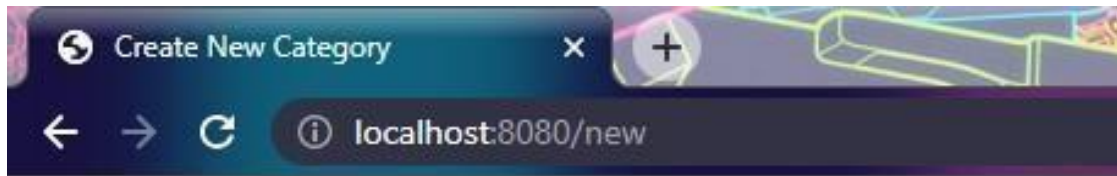| UserId	UserName	email Id	Phone	Product Perchased	Perchase Date	Category	Create Date	Last Update Date

LogOut

Products List

Create New ProductList

Product id	Product Name	Category	Price	Status	size

LogOut

Create New Product

Product Name: Puma

Category: Shoes

Price: 2999

Status: Availabe

size: 9,10,11,12

Save

Create New Category

Name: MenFashion

Save

LogOut