E-commerce Website for Sporty Shoes

# DESCRIPTION:

As a Full Stack Developer, design and develop an e-commerce portal sportyshoes.com for company that manufactures and sells sports shoes. It helps to create, insert, delete, list and update products in admin log in .To purchase sports shoes, user can view all the products in the user portal.

# DOCUMENT SPECIFICATION:

## 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.
* ADMIN have to sign up for the first time using admin code .once account created, admin can change his password but admin code can’t be updated once created .
* Admin can ADD product, UPDATE product, View Product By Catagories, Brand, Size ,View All Products, getProduct BY ID.

# SPRINT PLANNED:

* 2 Sprints has been performed to completed the application

# GITHub REPOSITORY:

<https://github.com/posanisaisindhura/phase3.git>

# TECHNOLOGY USED:

* Eclipse IDE
* Sprint Data with JPA
* JPA Repository
* Curd Repository
* Array List
* MySQL Connector
* MySQL Database
* Maven
* Rest Client
* JSON
  + Start the Application

# ALGORITHM:

* + ADMIN Controller has the features to control the application which helps to add products, view products and lot of operations.
  + Mean While, USER Controller has a limited features of only viewing the products which won’t allow modifications in the application.
  + PRODUCT Controller which has the products of the different Shoes brands, categories, Size. This controller has access to admins only.
  + ADMIN Controller has three features :
    1. METHOD - **POST** –

## ADMIN SIGN UP:

URL: http://localhost:8080/admin/signup/createadmin

In Rest Client, Using this URL admin can sign up by providing admincode, username and password in Request Body .Once Admincode has provided, it cannot be changed.

* + 1. METHOD - **PUT** –

## ADMIN PASSWORD CHANGE:

URL: http://localhost:8080/admin/updateadmin

In Rest Client, Using this URL admin can change the password by providing admincode and password in RequestBody .

* + 1. METHOD - **GET** –

## ADMIN SIGN IN:

URL: http://localhost:8080/admin/signin

Ex: http://localhost:8080/admin/signin/Admin@gmail.com/admin @12

In Rest Client, Using this URL admin can sign in by passing admincode and password in URL as Path variable .

* + USER Controller has Four features :
    - 1. METHOD - **POST** –

## USER SIGN UP :

URL: http://localhost:8080/user/createuser

In Rest Client, By providing first\_name,last\_name,username,password in Request Body User can create the user profile for log in purposes.

* + - 1. METHOD - **GET** –

## USER SIGN IN:

URL:

http://localhost:8080/user/signin/(username)/(password)

Ex: http://localhost:8080/user/signin/Allani@gmail.com/Allani@123

In Rest Client,By passing username and password as pathvariable, user can sign in to the portal to view all products available .

* + - 1. METHOD - **GET** –

## VIEW PRODUCTS:

URL : http://localhost:8080/user/ViewProducts/

In Rest Client, User can view the all products the products available in the store.

* + - 1. METHOD - **PUT** –

## USER PASSWORD CHANGE:

URL :

http://localhost:8080/user/updateuserpassword

In Rest Client , User can pass the username and updated password in request body to change the to the specific user password.

* + Product Admin Controller has eight features :
    - * 1. METHOD - **GET** –

## VIEW ALL PRODUCTS:

URL:

http://localhost:8080/admin/addProducts/ViewProducts

In Rest Client ,Admin can view the all products the products available in the store .

* + - * 1. METHOD - **POST** –

## STORE PRODUCTS:

URL:

http://localhost:8080/admin/addProducts/storeproducts

In Rest client , Admin can pass a list of product in request body which will be get stored in the database.

* + - * 1. METHOD - **PUT** –

## UPDATE PRODUCTS:

URL:

http://localhost:8080/admin/addProducts/updateproduct

In Rest Client , Admin can change the values of the products such as categories, size , price ,brand using the product\_id.

* + - * 1. METHOD - **GET** –

## GET PRODUCT BY ID :

URL: http://localhost:8080/admin/addProducts/getproductbyid/(id)

In Rest Client, Admin can view a particular product details by passing the product\_id in the URL as request.

* + - * 1. METHOD - **DELETE** –

## DELETE PRODUCT BY ID:

URL:

http://localhost:8080/admin/addProducts/deleteproductbyid/(id)

In Rest Client, Admin can DELETE a particular product by passing the product\_id in the URL as request.

* + - * 1. METHOD - **GET** –

## GET BY CATEGORY:

URL:

http://localhost:8080/admin/addProducts/getbycatagory/(Category)

In Rest Client, Admin can view a particular product details by passing the category of the product in the URL as request.

* + - * 1. METHOD - **GET** –

## GET BY BRAND:

URL: http://localhost:8080/admin/addProducts/getbrand/(brand)

In Rest Client, Admin can view a particular product details by passing the BRAND of the particular product in the URL as request.

* + - * 1. METHOD - **GET** –

## GET BY SIZE :

URL: http://localhost:8080/admin/addProducts/getsize/(size)

In Rest Client, Admin can view a particular shoes product details by passing the SIZE of the particular product in the URL as request.