

Make an E-commerce Website for Sporty Shoes

Document contains:

- Project and developer details
- Sprints planned and the tasks achieved in them
- Algorithms and flowcharts of the application
- List of core concepts used
- Links to the GitHub repository to verify the project completion
- Conclusions

Project and developer details

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.

You're asked to develop a prototype of the application. It will be then presented to the relevant stakeholders for budget approval. Your manager has set up a meeting where you're asked to do the following:

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

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Sprints planned and the tasks achieved in them

There are three sprints for this project

Sprint-1: Studied the Features of project and prepared the flow chart and created Git Repository.

Sprint-2: In Spring Boot created Jsp pages and written Controller ,repository, securityconfig, Dao, Pojo and All the features are being implemented.

Sprint-3: Final testing of website using different inputs and pushing it to GitHub.

Codes:

Users.java

```
package com.example.demo;

import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
```

```
import javax.persistence.Id;

import lombok.AllArgsConstructor;
import lombok.Data;
import lombok.NoArgsConstructor;

@Entity
@Data
@AllArgsConstructor
@NoArgsConstructor
public class users {

    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private int userid;
    private String username;
    private String password;
    private String role;
    private Boolean enabled;
    private String name;
    private String useremail;
    private String contactno;
    private String address;
    private String pincode;
}
```

usersDao

```
package com.example.demo;

import java.util.List;
import java.util.Optional;

import org.springframework.beans.factory.annotation.Autowired;
```

```
import org.springframework.stereotype.Service;

@Service
public class usersDao {

    @Autowired
    usersrepository repo;

    public users insert(users u) {
        return repo.save(u);
    }

    //retrieve
    public List<users> getusers() {
        return repo.findusers();
    }

}

usersrepository
package com.example.demo;

import java.util.List;

import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.data.jpa.repository.Query;

public interface usersrepository extends JpaRepository<users,Integer> {

    @Query("select users from users users where role='USER'")
    public List<users> findusers();
}
```

```
}
```

Product.java

```
package com.example.demo;

import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;

import lombok.AllArgsConstructor;
import lombok.Data;
import lombok.NoArgsConstructor;

@Entity
@Data
@AllArgsConstructor
@NoArgsConstructor
public class Product {

    @Id
    private Long productid;
    private String productcategory;
    private String productname;
    private String productprice;
    private String productdescription;
}
```

productDao.java

```
package com.example.demo;
```

```
import java.util.List;
import java.util.Optional;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

@Service
public class productDao {

    @Autowired
    productrepository repo;

    public product insert(product p) {
        return repo.save(p);
    }

    //retrieve
    public List<product> getproduct() {
        return repo.findAll();
    }

    public product delete(long id) {
        repo.deleteById(id);
        return null;
    }

    public List<product> getproductbycategory(String name) {
        return repo.findproductbycategory(name);
    }
}
```

```
}
```

Productrepository.java

```
package com.example.demo;

import java.util.List;

import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.data.jpa.repository.Query;

public interface productrepository extends JpaRepository<product,Long> {

    @Query("select product from product product where productcategory=?1")
    public List<product> findproductbycategory(String name);

}
```

Cart.java

```
package com.example.demo;

import java.util.Date;

import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;
import javax.persistence.UniqueConstraint;

import org.springframework.format.annotation.DateTimeFormat;
```

```
import lombok.AllArgsConstructor;  
import lombok.Data;  
import lombok.NoArgsConstructor;  
  
 @Entity  
 @Data  
 @NoArgsConstructor  
 @AllArgsConstructor  
 public class cart {  
     @Id  
     @GeneratedValue  
  
     private long cartid;  
     private String username;  
     private Long productid;  
     private String productcategory;  
     private String productname;  
     private String productprice;  
  
     private String orderno;  
     @DateTimeFormat(pattern="dd-MM-yyyy")  
     private Date dateofpurchase;  
     private String payment;  
 }
```

cartDao.java

```
package com.example.demo;  
  
import java.util.Date;  
import java.util.List;  
  
import org.springframework.beans.factory.annotation.Autowired;
```

```
import org.springframework.stereotype.Service;

@Service
public class cartDao {

    @Autowired
    cartrepository repo;

    public cart insert(cart c) {
        return repo.save(c);
    }

    public cart deletebyid(long id) {
        repo.deleteById(id);
        return null;
    }

    public List<cart> getcartbyusername(String name) {
        return repo.findcartbyusername(name);
    }

    public List<cart> getcartbypayment() {
        return repo.findcartbypayment();
    }

    public void updatebyuser(Date Date, String orderno, String payment, String username) {
        repo.updatebyuser(Date, orderno, payment, username);
    }
}
```

```
}
```

```
}
```

Cartrepository.java

```
package com.example.demo;
```

```
import java.util.Date;
```

```
import java.util.List;
```

```
import org.springframework.data.jpa.repository.JpaRepository;
```

```
import org.springframework.data.jpa.repository.Modifying;
```

```
import org.springframework.data.jpa.repository.Query;
```

```
import org.springframework.transaction.annotation.Transactional;
```

```
public interface cartrepository extends JpaRepository<cart,Long> {
```

```
    @Query("select cart from cart cart where username=?1 and payment='notpaid'")
```

```
    public List<cart> findcartbyusername(String name);
```

```
    @Transactional
```

```
    @Modifying
```

```
    @Query("update cart set dateofpurchase=?1,orderno=?2,payment=?3 where username=?4 and payment='notpaid'")
```

```
    public void updatebyuser(Date date,String orderno,String payment ,String username);
```

```
    @Query("select cart from cart cart where payment='paid'")
```

```
    public List<cart> findcartbypayment();
```

```
}
```

mainController.java

```
package com.example.demo;
```

```
import java.io.IOException;
```

```
import java.io.PrintWriter;
```

```
import java.text.ParseException;
```

```
import java.text.SimpleDateFormat;
```

```
import java.util.ArrayList;
```

```
import java.util.Date;
```

```
import java.util.List;
```

```
import java.util.Optional;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
import org.springframework.beans.factory.annotation.Autowired;
```

```
import org.springframework.security.core.Authentication;
```

```
import org.springframework.security.core.context.SecurityContextHolder;
```

```
import org.springframework.stereotype.Controller;
```

```
import org.springframework.web.bind.annotation.GetMapping;
```

```
import org.springframework.web.bind.annotation.PutMapping;
```

```
import org.springframework.web.bind.annotation.RequestBody;
```

```
import org.springframework.web.bind.annotation.RequestMapping;
```

```
import org.springframework.web.bind.annotation.RequestParam;
```

```
import org.springframework.web.bind.annotation.ResponseBody;
```

```
import org.springframework.web.servlet.ModelAndView;
```

```
@Controller
```

```
@RequestMapping("/")
```

```
public class mainController {  
  
    @Autowired  
    usersDao udao;  
  
    @Autowired  
    productDao pdao;  
  
    @Autowired  
    cartDao cdao;  
  
    public String amount;  
    public String id;  
  
    @RequestMapping("/")  
    public ModelAndView displaydefaultpage(HttpServletRequest request,HttpServletResponse response)  
    {  
  
        ModelAndView mv=new ModelAndView();  
        mv.setViewName("home.jsp");  
        return mv;  
    }  
  
    @RequestMapping("/loginhome")  
    public ModelAndView adminhome(HttpServletRequest request,HttpServletResponse response)  
    {  
        ModelAndView mv=new ModelAndView();  
        Authentication authentication = SecurityContextHolder.getContext().getAuthentication();  
        String role=authentication.getAuthorities().stream().findAny().get().getAuthority();  
        System.out.println(role);  
    }  
}
```



```
        u.setContactno(request.getParameter("contactno"));

        u.setPincode(request.getParameter("pincode"));

        u.setName(request.getParameter("useremail"));

        u.setName(request.getParameter("adress"));

        u.setEnabled(true);

        u.setRole("USER");



        udao.insert(u);

        mv.setViewName("updatesuccesshome.jsp");

        return mv;

    }

}
```

```
@RequestMapping("/listusers")
public ModelAndView getalluser(HttpServletRequest request,HttpServletResponse response) {

    ModelAndView mv=new ModelAndView();

    List<users> list=udao.getusers();

    mv.setViewName("userlist.jsp");

    mv.addObject("list", list);

    return mv;

}

}
```

```
@RequestMapping("/searchuser")
public ModelAndView getuser(users u,HttpServletRequest request,HttpServletResponse response) {

    ModelAndView mv=new ModelAndView();

    List<users> list=udao.getusers();

    mv.setViewName("userlistsearch.jsp");

    mv.addObject("list", list);

    u.setUsername(request.getParameter("username"));

    return mv;

}
```

```
}

{@RequestMapping("/addproduct")
public ModelAndView addproductdetails(product p ,HttpServletRequest
request,HttpServletResponse response) throws IOException {
    ModelAndView mv=new ModelAndView();
    String pid=request.getParameter("productid");
    if(pid=="") {
        pid = "0";
    }
    Long id=Long.parseLong(pid);
    String pcategory=request.getParameter("productcategory");
    String pname=request.getParameter("productname");
    String pprice=request.getParameter("productprice");
    if(pprice=="") {
        pprice= "0";
    }
    Double price=Double.parseDouble(pprice);
    String pdesc=request.getParameter("productdescription");
    if(id!=0 && pcategory!="" && pname!="" && price!=0 &&pdesc!="") {
        p.setProductid(Long.parseLong(request.getParameter("productid")));
        p.setProductcategory(request.getParameter("productcategory"));
        p.setProductname(request.getParameter("productname"));
        p.setProductprice(request.getParameter("productprice"));
        p.setProductdescription(request.getParameter("productdescription"));
        pdao.insert(p);
        mv.setViewName("listproduct");
    }
}
```



```

        mv.setViewName("listproduct");

    }

    if(pcategory=="" || pname=="" || price==0 || pdesc=="") {

        mv.setViewName("updateProduct.jsp");

    }

    return mv;
}

@RequestMapping("/deleteproduct")
public ModelAndView deleteproductdetails(HttpServletRequest request,HttpServletResponse response) throws IOException {
    ModelAndView mv=new ModelAndView();
    long id =Long.parseLong(request.getParameter("productid"));
    pdao.delete(id);
    mv.setViewName("listproduct");
    return mv;
}

@RequestMapping("/listproduct")
public ModelAndView getallproduct(HttpServletRequest request,HttpServletResponse response) {
    ModelAndView mv=new ModelAndView();
    List<product> list=pdao.getproduct();
    mv.setViewName("productmodify.jsp");
    mv.addObject("list", list);
    return mv;
}

@RequestMapping("/purchasereport")

```

```
public ModelAndView showcartybypayment(cart c, HttpServletRequest request, HttpServletResponse response) {  
    ModelAndView mv=new ModelAndView();  
    List<cart> list=cdao.getcartbypayment();  
    mv.addObject("list", list);  
    mv.setViewName("purchaseReports.jsp");  
    return mv;  
}  
  
//////////
```

```
@RequestMapping("/productbycategory")  
public ModelAndView getproductbycategory(HttpServletRequest request, HttpServletResponse response) {
```

```
    ModelAndView mv=new ModelAndView();  
    List<product> list=pdao.getproductbycategory(request.getParameter("productcategory"));  
    mv.setViewName("productbyCategory.jsp");  
    mv.addObject("list", list);  
    return mv;  
}
```

```
@RequestMapping("/addtocart")
```

```
public ModelAndView addcart(cart c, HttpServletRequest request, HttpServletResponse response) {
```

```
    ModelAndView mv=new ModelAndView();
```

```
    Authentication auth = SecurityContextHolder.getContext().getAuthentication();
```

```
    String username = auth.getName();
```

```
    Long productid=Long.parseLong(request.getParameter("productid"));
```

```
    String productname=request.getParameter("productname");
```

```
    String productPrice=request.getParameter("productprice");
```

```
    String productcategory=request.getParameter("productcategory");
```

```
    c.setUsername(username);
```

```

        c.setProductid(productid);
        c.setProductname(productname);
        c.setProductcategory(productcategory);
        c.setProductprice(productPrice);
        c.setPayment("notpaid");
        cdao.insert(c);
        mv.setViewName("addcartsucess.jsp");
        return mv;
    }

    @RequestMapping("/showCart")
    public ModelAndView showcart(cart c, HttpServletRequest request, HttpServletResponse response)
    {
        ModelAndView mv=new ModelAndView();
        Authentication auth = SecurityContextHolder.getContext().getAuthentication();
        String username = auth.getName();
        List<cart> list=cdao.getcartbyusername( username);
        mv.addObject("list", list);
        mv.setViewName("showcart.jsp");
        return mv;
    }

    @RequestMapping("/failpayment")
    public ModelAndView showcart2(cart c, HttpServletRequest request, HttpServletResponse response)
    {
        ModelAndView mv=new ModelAndView();
        Authentication auth = SecurityContextHolder.getContext().getAuthentication();
        String username = auth.getName();
        List<cart> list=cdao.getcartbyusername( username);
        mv.addObject("list", list);
        mv.setViewName("failpayshowcart.jsp");
        return mv;
    }
}

```

```

    @RequestMapping("/removefromcart")
    public ModelAndView removefromcart(cart c, HttpServletRequest request, HttpServletResponse response) {
        ModelAndView mv=new ModelAndView();
        long id=Long.parseLong(request.getParameter("cartid"));
        cdao.deletebyid(id);
        mv.setViewName("showCart");
        return mv;
    }

    @RequestMapping("/paymentcheck")
    public ModelAndView paymentcheck( HttpServletRequest request, HttpServletResponse response)
    throws ParseException {
        ModelAndView mv=new ModelAndView();
        String cardnum=request.getParameter("cardno");
        String month=request.getParameter("month");
        String pswrd=request.getParameter("psd");
        System.out.println("check");

        if(cardnum=="") {
            cardnum = "0";
        }
        Long cardno=Long.parseLong(cardnum);

        if(cardno!=0 && month!="" && pswrd!="") {
            amount=request.getParameter("amt");
            id=request.getParameter("order");
            mv.setViewName("paid.jsp");
            Authentication auth = SecurityContextHolder.getContext().getAuthentication();
            String username = auth.getName();
            Date dNow = new Date( );
            SimpleDateFormat ft =new SimpleDateFormat ("dd-MM-yyyy");

```

```

        String dt1=ft.format(dNow);

        Date date=new SimpleDateFormat("dd-MM-yyyy").parse(dt1);

        String orderno=request.getParameter("order");

        String payment="paid";

        cdao.updatebyuser(date, orderno, payment,username);

    }

    else {

        mv.setViewName("failpayment");

    }

    return mv;

}

}

```

SecurityConfig.java

```

package com.example.demo;

import javax.sql.DataSource;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.context.annotation.Bean;
import org.springframework.security.config.annotation.authentication.builders.AuthenticationManagerBuilder;
import org.springframework.security.config.annotation.web.builders.HttpSecurity;
import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;
import org.springframework.security.config.annotation.web.configuration.WebSecurityConfigurerAdapter;
import org.springframework.security.crypto.password.NoOpPasswordEncoder;
import org.springframework.security.crypto.password.PasswordEncoder;

@EnableWebSecurity
public class SecurityConfig extends WebSecurityConfigurerAdapter {

```

```
@Autowired
DataSource dataSource;

@Override
protected void configure(AuthenticationManagerBuilder auth) throws Exception {

    auth.jdbcAuthentication()
    .dataSource(dataSource)
    .usersByUsernameQuery("select username, password, enabled from users where username=?")
    .authoritiesByUsernameQuery("select username, role from users where username=?");

}

@Bean
public PasswordEncoder getPassword() {
    return NoOpPasswordEncoder.getInstance();
}

//authorize
@Override
protected void configure(HttpSecurity http) throws Exception {
    http.authorizeRequests()

        .antMatchers("/updatepassword").hasAuthority("ADMIN")
        .antMatchers("/listusers").hasAuthority("ADMIN")
        .antMatchers("/searchuser").hasAuthority("ADMIN")
        .antMatchers("/addproduct").hasAuthority("ADMIN")
        .antMatchers("/updateproduct").hasAuthority("ADMIN")
        .antMatchers("/deleteproduct").hasAuthority("ADMIN")
        .antMatchers("/listproduct").hasAuthority("ADMIN")
        .antMatchers("/purchasereport").hasAuthority("ADMIN")
}
```

```
.antMatchers("/productbycategory").hasAuthority("USER")
.antMatchers("/addtocart").hasAuthority("USER")
.antMatchers("/showCart").hasAuthority("USER")
.antMatchers("/failpayment").hasAuthority("USER")
.antMatchers("/removefromcart").hasAuthority("USER")
.antMatchers("/paymentcheck").hasAuthority("USER")

.antMatchers("/loginhome").hasAnyAuthority("ADMIN","USER")

.antMatchers("/").permitAll()
.antMatchers("/userRegistration").permitAll()

.and().formLogin().defaultSuccessUrl("/loginhome")
.and().logout().logoutSuccessUrl("/");

}

}
```

SportyShoesApplication.java

```
package com.example.demo;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
```

```

public class SportyShoesApplication {

    public static void main(String[] args) {
        SpringApplication.run(SportyShoesApplication.class, args);
    }
}

```

Jsp

Home.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Home</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <div align="center">

        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4>

        <br><br>

        <h1>Welcome, Shop According to Your Sports</h1><br>

        <b> <input style="font-size:24px type="button"
        onclick="window.location.href='login';" value="Admin Signin" /></b><br><br><br>

        <b> <input style="font-size:24px type="button"
        onclick="window.location.href='login';" value=" User Signin " /></b><br><br>
            <h3><a href='userRegistration.jsp' style="text-decoration: none">new here?
Create Account</a></h3>

        </form>

    </div>
</body>
</html>

```

userRegistration.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>

```

```

<head>
<meta charset="ISO-8859-1">
<title>Register</title>
</head>
<body style="background:url(picer.jpg) no-repeat; background-size:90% auto; ">
    <div align="center">

        <i><h1>SportyShoes</h1></i>
        <h4 align="right" - developed by P Praveen kumar</h4><br>
        <br><br>
        <h3>Enter Details</h3>
        <form action="userRegistration"><br>

            <table>
                <tr>
                    <td><b>Name</b></td>
                    <td><input type = "text" name="name" ></td>
                </tr>
                <tr>
                    <td><b>Email</b></td>
                    <td><input type = "email" name="useremail" ></td>
                </tr>
                <tr>
                    <td><b>Phone no</b></td>
                    <td><input type = "number" name="contactno" ></td>
                </tr>
                <tr>
                    <td><b>Address</b></td>
                    <td><input type = "text" name="adress" ></td>
                </tr>
                <tr>
                    <td><b>Pincode</b></td>
                    <td><input type = "number" name="pincode" ></td>
                </tr>
                <tr>
                    <td><b>Username</b></td>
                    <td><input type = "text" name="username" ></td>
                </tr>
                <tr>
                    <td><b>Password</b></td>
                    <td><input type = "password" name="password" ></td>
                </tr>
            </table>

            <br><input type = "submit" value="Register">
        </form>

    </div>

</body>
</html>

```

adminHome.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Admin Home</title>

```

```

</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <div align="center">

        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4><br>

        <h3 align="right"><a href='Logout' style="text-decoration: none">Logout</a></h3>

        <br><br>
        <h1>Home</h1>
        <h3><a href='changepassword.jsp' style="text-decoration: none">Change Password</a></h3>
        <h3><a href='Listproduct' style="text-decoration: none">Add, Delete or Update Products</a></h3>
        <h3><a href='Listusers' style="text-decoration: none">List of Users</a></h3>
        <h3><a href='purchasereport' style="text-decoration: none">Purchase Reports</a></h3>
    </div>
</body>
</html>

```

Changepassword.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Change Password</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <div align="center">
        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4><br>

        <h3 align="right"><a href='adminHome.jsp' style="text-decoration: none">Home</a> &ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp<a href='Logout' style="text-decoration: none">Logout</a></h3>

        <br><br>
        <form action="updatepassword" >

            <b>Enter New password </b><input type = "Password" name="password" >
        <br><br>

            <input type="submit" name="update" value="Change Password">
        </form>
    </div>

</body>
</html>

```

userlist.jsp

```

<%@page import="com.example.demo.users"%>
<%@page import="java.util.*"%>
<%@ page import="com.example.*"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>userlist</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <%
        List<users> list=(List<users>)request.getAttribute("list");
    %>

    <div align="center">
        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4><br>

        <h3 align="right"><a href='adminHome.jsp' style="text-decoration: none">Home</a>
        &nbsp;&nbsp;&nbsp;&nbsp;<a href='Logout' style="text-decoration: none">Logout</a></h3>
        <br><br>

        <form action="searchuser">
            <b>Search by Username</b><input type ="text" name="username">
            <input type ="submit" name="ok" value="Search">
        </form>
        <br><br>

        <table border="1" cellpadding = "5" cellspacing = "5">
<tr><th>User
Id</th><th>Name</th><th>UserName</th><th>Email</th><th>Address</th><th>Contact
No</th><th>Pincode</th></tr>
        <%for(users u:list){ %>
            <tr><td><%=u.getUserid()%></td><td><%=u.getName()%></td><td><%=u.getUsername()%></td><td><%=u.getUseremail()%></td><td><%=u.getAdress()%></td><td><%=u.getContactno()%></td><td><%=u.getPincode()%></td></tr>
        <%} %>
        </table>
    </div>
</body>
</html>

```

userlistSearch.jsp

```

<%@page import="com.example.demo.*"%>
<%@page import="java.util.*"%>
<%@ page import="com.example.*"%>

```

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>userlistsearch</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <%
        List<users> list=(List<users>)request.getAttribute("list");
    %>

    <div align="center">

        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4><br>

        <h3 align="right"><a href='adminHome.jsp' style="text-decoration: none">Home</a>
        &nbsp;&nbsp;&nbsp;&nbsp;<a href='Logout' style="text-decoration: none">Logout</a></h3>

        <br><br>

        <table border="1" cellpadding = "5" cellspacing = "5">
            <tr><th>User
            Id</th><th>Name</th><th>UserName</th><th>Email</th><th>Address</th><th>Contact
            No</th><th>Pincode</th></tr>
            <%
                int i=0;
                for(users u:list){
                    if (u.getUsername().equals(request.getParameter("username"))){ 
                        i+=1;
                    %>
                    <tr><td><%=u.getUserid()%></td><td><%=u.getName()%>
                    <td><%=u.getUsername()%></td><td><%=u.getUseremail()%></td><td><%=u.getAdress()%></td><td><%=u.getContactno()%></td><
                    td><%=u.getPincode()%></td></tr>
                    <%
                        }
                    }
                    if (i==0){
                        %>username not found!<%
                    }
                %>
            </table>

        </div>

    </body>
</html>

```

purchaseReports.jsp

```

<%@page import="com.example.demo.*"%>
<%@page import="java.util.*"%>
<%@ page import="com.example.*"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>

```

```

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>purchase reports</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
<%>
List<cart> list=(List<cart>)request.getAttribute("list");
%>

<div align="center">

    <i><h1>SportyShoes</h1></i>
    <h4 align="right"> - developed by P Praveen kumar</h4><br>

    <h3 align="right"><a href='adminHome.jsp' style="text-decoration: none">Home</a>
    &nbsp;&nbsp;&nbsp;&nbsp;<a href='Logout' style="text-decoration: none">Logout</a></h3>

    <br><br>

    <table border="1" cellpadding = "5" cellspacing = "5">
    <tr><th>Purchased Date</th><th>Order Id</th><th>product Id</th><th>Product
Category</th><th>Product price</th><th>Customer Username</th></tr>
    <%for(cart c:list){ %>
        <tr><td><%=c.getDateofpurchase()%></td><td><%=c.getOrderno()%>
        </td><td><%=c.getProductid()%>
        </td><td><%=c.getProductcategory()%>
        </td><td><%=c.getProductprice()%>
        </td><td><%=c.getProductprice()%>
        </td>
    </tr>
    <%}>
    </table>

</div>

</body>
</html>

```

addProduct.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>add product</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
<div align="center">

    <i><h1>SportyShoes</h1></i>
    <h4 align="right"> - developed by P Praveen kumar</h4><br>

    <h3 align="right"><a href='adminHome.jsp' style="text-decoration: none">Home</a>
    &nbsp;&nbsp;&nbsp;&nbsp;<a href='Logout' style="text-decoration: none">Logout</a></h3>
    <br><br>
    <h3>Enter Details</h3>
    <form action="addproduct"><br>

```

```

        <table>
        <tr>
        <td><b>Product Id</b></td>
        <td><input type = "number" name="productid"  ></td>
        </tr>
        <tr>
        <td><b>Product Category</b></td>
            <td><select name="productcategory">
                <option value="Running shoes">Running shoes</option>
                <option value="Minimalist shoes">Minimalist shoes</option>
                <option value="Walking shoes">Walking shoes</option>
                <option value="Tennis shoes">Tennis shoes</option>
                <option value="Versatile training shoes">Versatile training
shoes</option>
                <option value="Trail running shoes">Trail running shoes</option>
                <option value="Basketball shoes">Basketball shoes</option>
                <option value="Football boots">Football boots</option>
            </select></td>
        </tr>
        <tr>
        <td><b>Product Name</b></td>
        <td><input type = "text" name="productname"  ></td>
        </tr>
        <tr>
        <td><b>Product Price Rs</b></td>
        <td><input type = "number" name="productprice"  >/-</td>
        </tr>
        <tr>
        <td><b>Product Description</b></td>
        <td><input type = "text" name="productdescription"  ></td>
        </tr>
    </table>
    <br><input type = "submit"  value="Add Product">
</form>

</div>

</body>
</html>

```

productmodify.jsp

```

<%@page import="com.example.demo.*"%>
<%@page import="java.util.*"%>
<%@ page import="com.example.*"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>product modify</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <%
        List<product> list=(List<product>)request.getAttribute("list");
    %>

```

```

%>

<div align="center">

    <i><h1>SportyShoes</h1></i>
    <h4 align="right"> - developed by P Praveen kumar</h4><br>

    <h3 align="right"><a href='adminHome.jsp' style="text-decoration: none">Home</a>
    &nbsp;&nbsp;&nbsp;&nbsp;<a href='Logout' style="text-decoration: none">Logout</a></h3>

    <br><br>
    <form action="addProduct.jsp">
        <input type="submit" name="ok" value="Add Product">
    </form>
    <br><br>

    <table border="1" cellpadding="5" cellspacing="5">
        <tr><th>Product Id</th><th>Product Category</th><th>Product Name</th><th>Product
    price</th><th>Product Description</th></tr>
    <%for(product p:list){ %>
        <tr><td><%=p.getProductid()%></td><td><%=p.getProductcategory()%>
    <%></td><td><%=p.getProductname()%>
    <%><td><%=p.getProductprice()%></td><td><%=p.getProductdescription()%>
    <%><td><form action="updateProduct.jsp"><input type="hidden" id="productid"
    name="productid" value=<%=p.getProductid()%></input><input type="submit" value="Edit" >
    </form></td>
    <td><form action="deleteproduct"><input type="hidden" id="productid" name="productid"
    value=<%=p.getProductid()%></input><input type="submit" value="Delete" >
    </form></td>
    </tr>
    <%}>
    </table>

</div>

</body>
</html>

```

updateProduct.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>update product</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <div align="center">

        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4><br>
        <h3 align="right"><a href='adminHome.jsp' style="text-decoration: none">Home</a>
        &nbsp;&nbsp;&nbsp;&nbsp;<a href='Logout' style="text-decoration: none">Logout</a></h3>
        <br><br>
        <h3>Enter Details</h3>
        <form action="updateproduct"><br>

        <table>

```

```

<tr>
<td><b>Product Category</b></td>
    <td><select name="productcategory">
        <option value="Running shoes">Running shoes</option>
        <option value="Minimalist shoes">Minimalist shoes</option>
        <option value="Walking shoes">Walking shoes</option>
        <option value="Tennis shoes">Tennis shoes</option>
        <option value="Versatile training shoes">Versatile training
shoes</option>
        <option value="Trail running shoes">Trail running shoes</option>
        <option value="Basketball shoes">Basketball shoes</option>
        <option value="Football boots">Football boots</option>
    </select></td>

</tr>
<tr>
<td><b>Product Name</b></td>
<td><input type = "text" name="productname"  ></td>
</tr>
<tr>
<td><b>Product Price Rs</b></td>
<td><input type = "number" name="productprice"  >/-</td>
</tr>
<tr>
<td><b>Product Description</b></td>
<td><input type = "text" name="productdescription"  ></td>
</tr>

</table>
<input type = "hidden" name="productid"
value=<%=request.getParameter("productid")  %> >

<br><input type = "submit"  value="Update Product">
</form>

</div>

</body>
</html>

```

updatesucesshome.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Home</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">

<jsp:include page="home.jsp"></jsp:include>

<span style = 'color:green'><h4 align="center">updated sucessfully</h4></span>
</body>
</html>

```

productbyCategory.jsp

```
<%@page import="com.example.demo.*"%>
<%@page import="java.util.*"%>
<%@ page import="com.example.*"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>product category</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <%
        List<product> list=(List<product>)request.getAttribute("list");
    %>

    <div align="center">

        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4><br>

        <h3 align="right"><a href='userHome.jsp' style="text-decoration: none">Home</a>
&nbsp;&nbsp;&nbsp;&nbsp;<a href='showCart' style="text-decoration: none">Cart</a>
&nbsp;&nbsp;&nbsp;&nbsp;<a href='Logout' style="text-decoration: none">Logout</a></h3>

        <br><br>

        <table cellpadding = "5" cellspacing = "5" style="font-size:25px >
            <tr><th>Product Id</th><th>Product Name</th><th>Product Description</th><th>Product
            price</th><th>Select Size</th></tr>
            <%for(product p:list){ %>
                <tr style="text-align: center"><td><%=p.getProductid()%></td><td><%=p.getProductname()%></td><td><%=p.getProductdescription()%></td><td><%=p.getProductprice()%></td>
                <td><select name="size">
                    <option value="5">5</option>
                    <option value="6">6</option>
                    <option value="7">7</option>
                    <option value="8">8</option>
                    <option value="9">9</option>
                    <option value="10">10</option>
                    <option value="11">11</option>
                    <option value="12">12</option>
                </select></td>
                <td><form action ="addtocart">
                    <input type="hidden" id="productid" name="productid" value=<%=p.getProductid()%></input>
                    <input type="hidden" id="productcategory" name="productcategory" value=<%=p.getProductcategory()%></input>
                    <input type="hidden" id="productname" name="productname" value=<%=p.getProductname()%></input>
                    <input type="hidden" id="productprice" name="productprice" value=<%=p.getProductprice()%></input>
                    <input type="hidden" id="productsizes" name="productsizes" value=<%=request.getParameter("size")%></input>
                    <input type="submit" name="add" value="Add to Cart" ></form></td>
                </td>
            <%}>
        </table>

    </div>
```

```
</body>
</html>
```

userHome.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>User Home</title>
</head>
<body style="background:url(picer.jpg) no-repeat; background-size:90% auto; ">
    <div align="center">

        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4><br>

        <h3 align="right"><a href='showCart' style="text-decoration: none">Cart</a>
&nbsp;&nbsp;&nbsp;&nbsp; <a href='Logout' style="text-decoration: none">Logout</a></h3>

        <i><h4>Welcome to Sporty Shoes</h4></i>
        <br><br>

        <h2>Shop According to your Sport</h2><br>
        <i><h2><a href='productbycategory?productcategory=Running shoes' style="text-
decoration: none">Running shoes</a></h2>
            <h2><a href='productbycategory?productcategory=Minimalist Shoes' style="text-
decoration: none">Minimalist Shoes</a></h2>
                <h2><a href='productbycategory?productcategory=Walking Shoes' style="text-
decoration: none">Walking Shoes</a></h2>
                    <h2><a href='productbycategory?productcategory=Tennis Shoes' style="text-
decoration: none">Tennis Shoes</a></h2>
                        <h2><a href='productbycategory?productcategory=Versatile training shoes' style="text-
decoration: none">Versatile training shoes</a></h2>
                            <h2><a href='productbycategory?productcategory=Trail running shoes' style="text-
decoration: none">Trail running shoes</a></h2>
                                <h2><a href='productbycategory?productcategory=Basketball shoes' style="text-
decoration: none">Basketball shoes</a></h2>
                                    <h2><a href='productbycategory?productcategory=Football boots' style="text-
decoration: none">Football boots</a></h2></i>
            </div>

    </body>
</html>
```

Showcart.jsp

```
<%@page import="com.example.demo.*"%>
<%@page import="com.example.demo.cartrepository"%>
<%@page import="com.example.demo.product"%>
<%@page import="com.example.demo.mainController"%>
<%@page import="org.springframework.security.core.context.SecurityContextHolder"%>
<%@page import="org.springframework.security.core.Authentication"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```

pageEncoding="ISO-8859-1"%>
<%@page import="java.util.*"%>
<%@ page import="com.example.*"%>

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>cart</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">

<%
    Authentication auth =
SecurityContextHolder.getContext().getAuthentication();
    String username = auth.getName();

    List<cart> list=(List<cart>)request.getAttribute("list");

    double totalprice =0;

%>

<div align="center">

    <i><h1>SportyShoes</h1></i>
    <h4 align="right"> - developed by P Praveen kumar</h4><br>
    <h3 align="right"><a href='userHome.jsp' style="text-decoration: none">Home</a>
&nbsp;&nbsp;&nbsp;&nbsp;<a href='Logout' style="text-decoration: none">Logout</a></h3>
    <h3 align="left">Hai <%=username %></h3>
    <h2 align="center">Your Cart</h2>

    <table cellpadding ="5" cellspacing ="5" style=font-size:20px >
        <tr><th>Product Id</th><th>Product Name</th><th>Select Size</th><th>Product
price</th></tr>
        <%for(cart c:list){ %>
            <tr style="text-align: center"><td><%=c.getProductid()%></td><td><%=c.getProductname()%></td>
            <td><select name="size">
                <option value="5">5</option>
                <option value="6">6</option>
                <option value="7">7</option>
                <option value="8">8</option>
                <option value="9">9</option>
                <option value="10">10</option>
                <option value="11">11</option>
                <option value="12">12</option>
            </select></td>
            <td><%=c.getProductprice()%></td>
            <td><form action = "removefromcart"><input type="hidden" id="cartid" name="cartid"
value=<%=c.getCartid()%></input><input type="submit" value="Remove from Cart" ></form></td></tr>
            <%totalprice+=Double.parseDouble(c.getProductprice()); %>
        <% }%>

    </table><br>
    <h3>Total Price = <%=totalprice %></h3>
    <% if(totalprice>0) {%
        <form action="payment.jsp"><input type="hidden" id="totalprice"
name="totalprice" value=<%=totalprice %></input><input style=font-size:20px type="submit" name = "add"
value="Buy" ></form><br><br><br>
    
```

```
<% } %>
```

```
</body>
```

addcartsucess.jsp

```
</html>
```

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Home</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">

    <div align="center">

        <i><h1>SportyShoes</h1></i>
        <h4 align="right"> - developed by P Praveen kumar</h4><br>

        <h3 align="right"><a href='showCart' style="text-decoration: none">Cart</a>
&nbsp;&nbsp;&nbsp;&nbsp;   <a href='Logout' style="text-decoration: none">Logout</a></h3>

        <span style = 'color:green'><h4>Item added to cart Sucessfully</h4></span>

        <h2>Shop According to your Sprort</h2><br>
        <i><h2><a href='productbycategory?productcategory=Running shoes' style="text-
decoration: none">Running shoes</a></h2>
            <h2><a href='productbycategory?productcategory=Minimalist Shoes' style="text-
decoration: none">Minimalist Shoes</a></h2>
            <h2><a href='productbycategory?productcategory=Walking Shoes' style="text-
decoration: none">Walking Shoes</a></h2>
            <h2><a href='productbycategory?productcategory=Tennis Shoes' style="text-
decoration: none">Tennis Shoes</a></h2>
            <h2><a href='productbycategory?productcategory=Versatile training shoes' style="text-
decoration: none">Versatile training shoes</a></h2>
            <h2><a href='productbycategory?productcategory=Trail running shoes' style="text-
decoration: none">Trail running shoes</a></h2>
            <h2><a href='productbycategory?productcategory=Basketball shoes' style="text-
decoration: none">Basketball shoes</a></h2>
            <h2><a href='productbycategory?productcategory=Football boots' style="text-
decoration: none">Football boots</a></h2></i>
        </div>

    </body>
</html>
```

failpayshowcart.jsp

```
<%@page import="com.example.demo.*"%>
<%@page import="com.example.demo.cartrepository"%>
<%@page import="com.example.demo.product"%>
<%@page import="com.example.demo.mainController"%>
<%@page import="org.springframework.security.core.context.SecurityContextHolder"%>
<%@page import="org.springframework.security.core.Authentication"%>
```



```

<br><b><center> <span style = 'color:red'>Hello user! Card details entered is wrong
</span> </center></b>

</body>
</html>

```

paid.jsp

```

<%@page import="java.util.Random"%>

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Booking confirm</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">

<%
    Random rand=new Random();
    int tid=rand.nextInt(580009999,990009999);

%>
    <div align="center">
        <i><h1>   #9989; Payment Successful !</h1><br></i>
        <h3>Thank you! Your order has been placed.</h3><br><br>
        Booking ID :&nbsp;<%=request.getParameter("order") %>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; |
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
        Transaction ID :&nbsp;<%=tid %>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; |&nbsp;&nbsp;&nbsp;&nbsp;&nbs
p;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
        Total Amount Paid :&nbsp;<%=request.getParameter("amt")%>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
        <br>
        <br>
        <i><h4>Your Order details have been sent to your mail.</h4></i><br><br>
        <form action="userHome.jsp"><input type="submit" value="Done"></form><br>
    </div>
</body>
</html>

```

payment.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@page import="java.util.*" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Payment GateWay</title>
</head>
<body style="background:url(picer.jpg) no-repeat;background-size:90% auto; ">
    <%

```

Application.properties

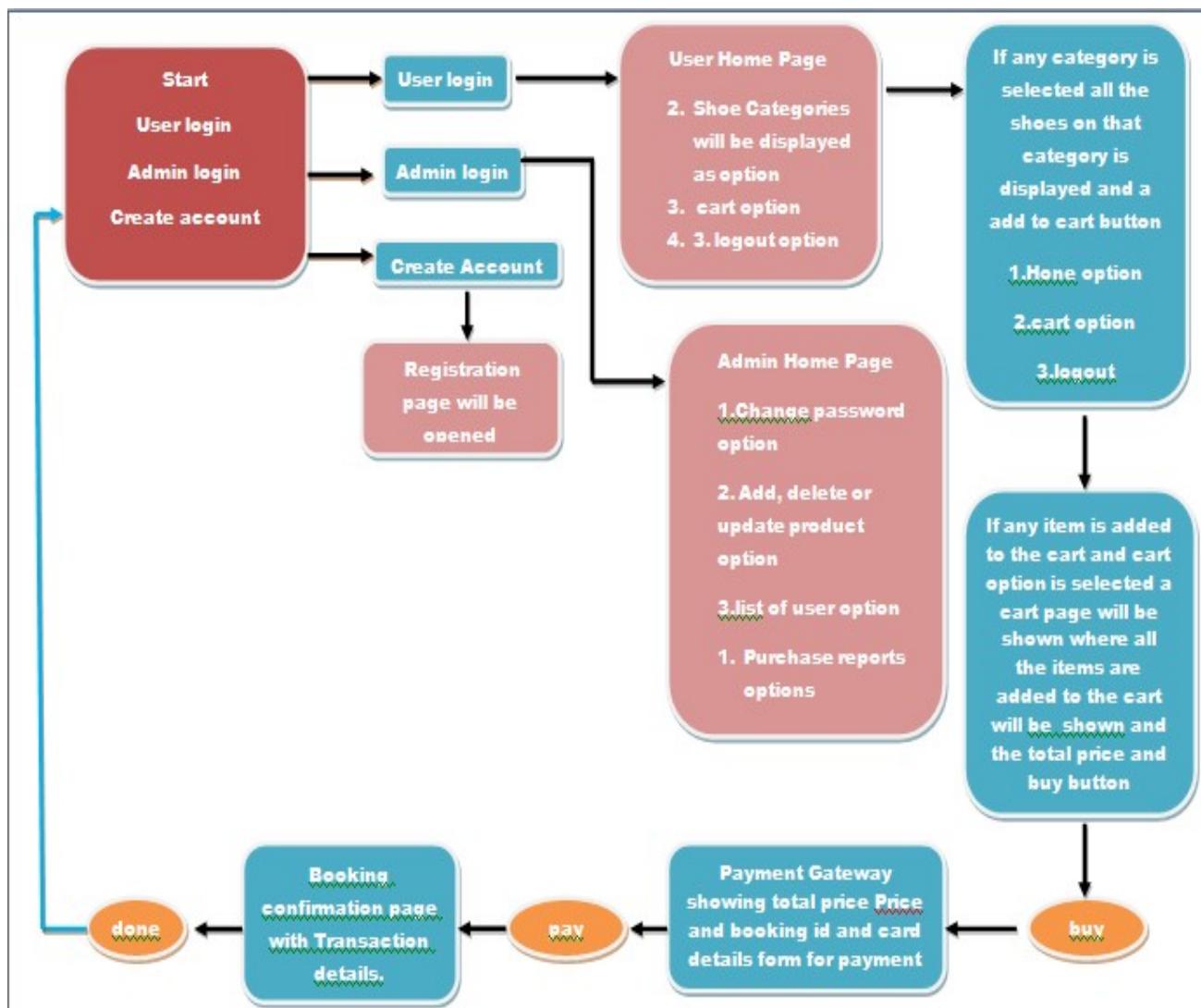
server.port=8085

```
#jpa-hibernate
spring.jpa.hibernate.dialect=org.hibernate.dialect.MySQLDialect
spring.jpa.hibernate.ddl-auto=update
spring.jpa.show-sql=true
```

```
#data source
spring.datasource.driver-class-name=com.mysql.jdbc.Driver
spring.datasource.url=jdbc:mysql://localhost:3306/db7
spring.datasource.username=root
spring.datasource.password=root
```

Algorithms and flowcharts of the application

Flow chart:



1. Home Page

The screenshot shows a web browser window with the URL `localhost:8085` in the address bar. The page title is *SportyShoes*. On the left, there is a small image of a pair of white sneakers. In the center, the text "Welcome, Shop According to Your Sports" is displayed above a large line drawing of a running shoe. To the right of the shoe are two buttons: "Admin Signin" and "User Signin". Below these buttons is the text "new here? [Create Account](#)". On the far right, there is another line drawing of a person's legs in athletic wear. At the bottom right, there is a message: "Activate Windows Go to Settings to activate Windows." The developer's name, "P Praveen kumar", is mentioned at the bottom right of the page.

2. On clicking create account user registration form will open.

The screenshot shows the same web browser window as the previous screenshot, but now it displays a user registration form. The title "SportyShoes" is at the top, along with the small sneaker image. The central part of the page is titled "Enter Details". On the left is the large running shoe line drawing. On the right is a form with the following fields and their values:

Name	R Bharath
Email	bharath@gmail.com
Phone no	8985843407
Address	11-1-13,srikakulam
Pincode	532001
Username	Bharath
Password

Below the form is a "Register" button. To the right of the form is the line drawing of the person's legs in athletic wear, and at the bottom right is the "Activate Windows" message.

3. It shows confirm page as updated successfully.

localhost:8085/userRegistration?name=R+Bharath&useremail=bharath%40gmail.com&contactno=8985843407&adress=11-1-13%2Csriakulam&picode=5...     

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SportyShoes

- developed by P Praveen kumar

Welcome, Shop According to Your Sports



[Admin Signin](#)

[User Signin](#)

[new here? Create Account](#)

updated successfully



4. In database Mysql password has been changed

```
Copyright (c) 2000, 2022, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

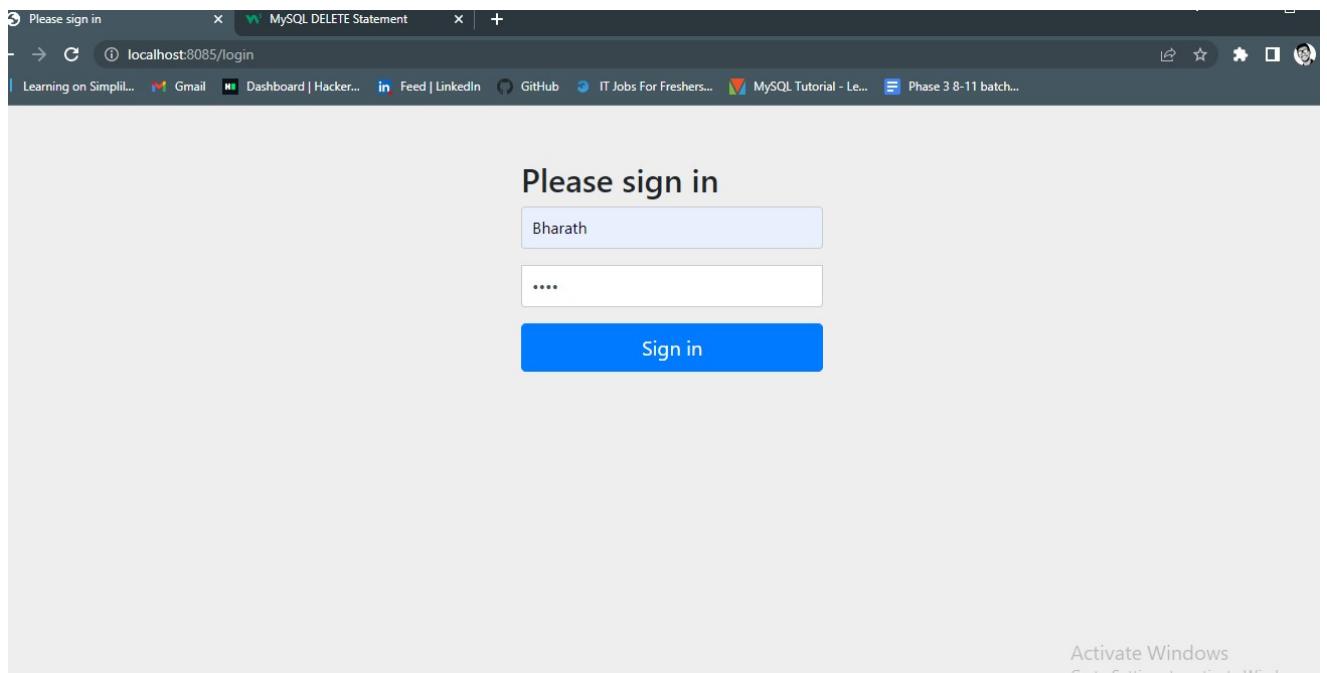
mysql> use db7;
Database changed
mysql> show tables;
+-----+
| Tables_in_db7 |
+-----+
| cart           |
| hibernate_sequence |
| product        |
| users          |
+-----+
4 rows in set (0.02 sec)

mysql> select * from users;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| userid | adress | contactno | enabled | name | password | pincode | role | useremail | username |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | NULL | NULL | 0x01 | NULL | admin | NULL | ADMIN | NULL | admin |
| 2 | srikurmam | 9502646206 | 0x01 | srikurmam | kumar | 532404 | USER | ppraveen62.ppk@gmail.com | praveen06 |
| 3 | Hyderabad | 999577922 | 0x01 | Hyderabad | 12345 | 54332 | USER | rk@gmail.com | ravi98 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

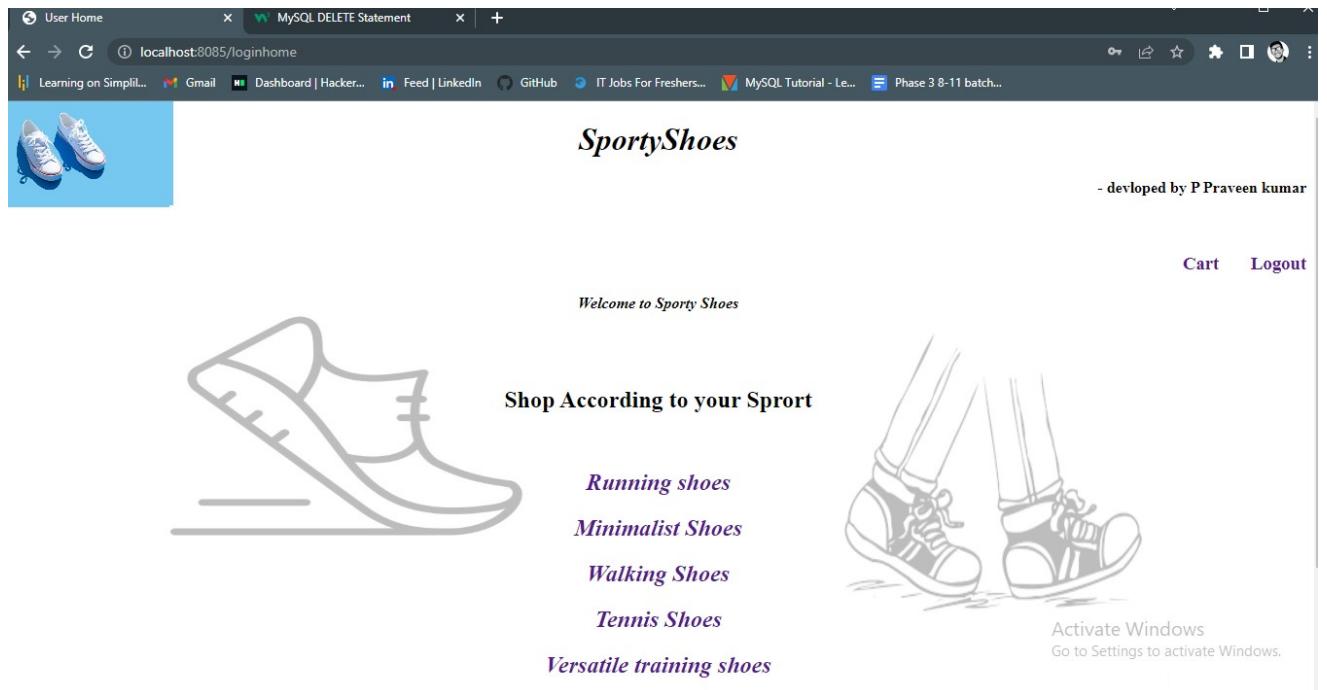
mysql> select * from users;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| userid | adress | contactno | enabled | name | password | pincode | role | useremail | username |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | NULL | NULL | 0x01 | NULL | admin | NULL | ADMIN | NULL | admin |
| 2 | srikurmam | 9502646206 | 0x01 | srikurmam | kumar | 532404 | USER | ppraveen62.ppk@gmail.com | praveen06 |
| 3 | Hyderabad | 999577922 | 0x01 | Hyderabad | 12345 | 54332 | USER | rk@gmail.com | ravi98 |
| 4 | 11-1-13,sriakulam | 8985843407 | 0x01 | 11-1-13,sriakulam | 1432 | 532001 | USER | bharath@gmail.com | Bharath |
| 5 | 11-1-13,sriakulam | 8985843407 | 0x01 | 11-1-13,sriakulam | 1432 | 532001 | USER | bharath@gmail.com | Bharath |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

Activate Windows
Go to Settings to activate Windows

5. Trying signin again with changed password.



6.Admin home page is opened.



7.clicked on running shoes all the running shoes are displayed, selected shoes are added to the cart

product category MySQL DELETE Statement

localhost:8085/productbycategory?productcategory=Running%20shoes

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Product Id	Product Name	Product Description	Product price	Select Size
12131	Adidas Men's Glowrun Reflective M	This shoe has high-density printing with a gradient effect which increases its glamor.	2200	<input type="button" value="5"/> Add to Cart
124355	Adidas Men's Dasher M Running Shoe	The great cushioning, antibacterial comfort, smoothness, and superb grip makes it a must buying shoe.	2589	<input type="button" value="5"/> Add to Cart
13241	Asics Men's Road Running Shoe	Asics Men's Road Running Shoe is a perfect match for those who want light shoes as it weighs 160 gm only	1819	<input type="button" value="5"/> Add to Cart
13234	Puma Men's Zeta Running Shoes	performance, good material then Puma Men's Zeta Running Shoes is the best option for you	2469	<input type="button" value="5"/> Add to Cart

Activate Windows
Go to Settings to activate Windows.

8.if clicked and added to cart ,it displays confirmation of adding

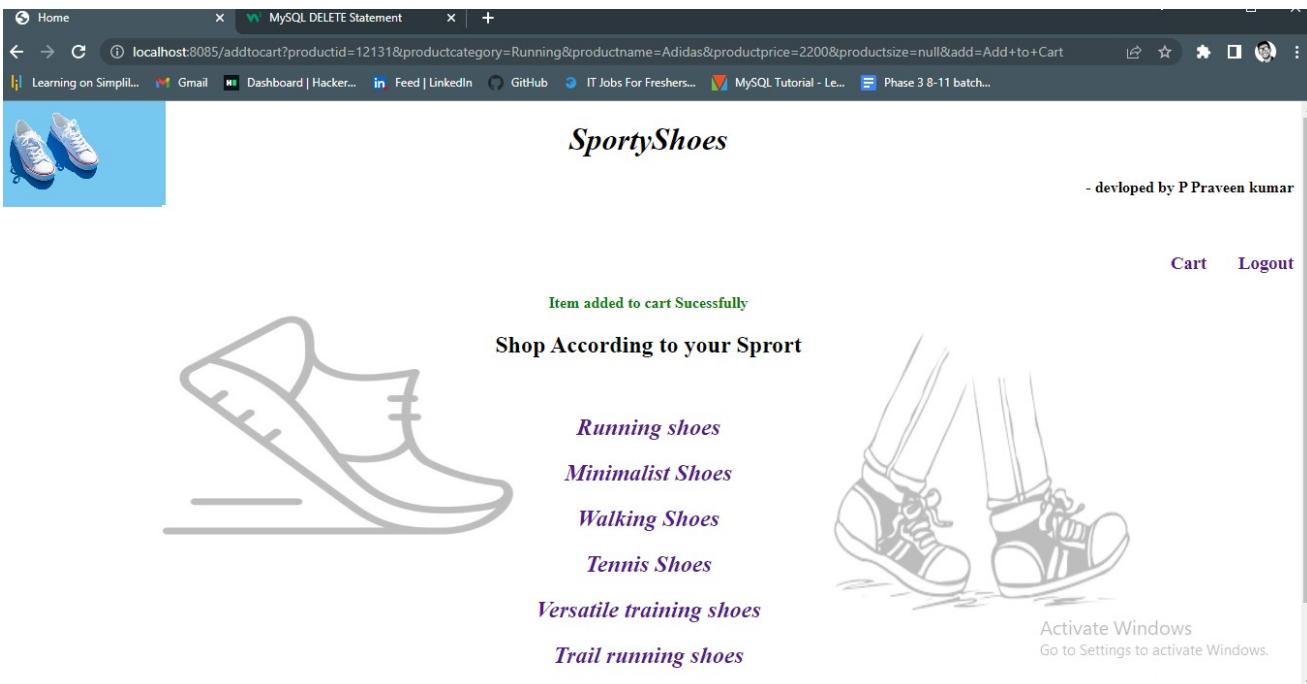
Home MySQL DELETE Statement

localhost:8085/addtocart?productid=12131&productcategory=Running&productname=Adidas&productprice=2200&productsizes=null&add=Add+to+Cart

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SportyShoes	
- developed by P Praveen kumar	
Cart	Logout
Item added to cart Sucessfully	
Shop According to your Sport	
<i>Running shoes</i>	
<i>Minimalist Shoes</i>	
<i>Walking Shoes</i>	
<i>Tennis Shoes</i>	
<i>Versatile training shoes</i>	
<i>Trail running shoes</i>	

Activate Windows
Go to Settings to activate Windows.



9.Clicking on cart

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SportyShoes

- developed by P Praveen kumar

Hai Bharath

Your Cart

Product Id	Product Name	Select Size	Product price
12131	Adidas	10	2200
13241	Asics	10	1819

Total Price = 4019.0

Buy

Remove from Cart

Remove from Cart

Activate Windows
Go to Settings to activate Windows.

10.removed a item ,using remove from cart button

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SportyShoes

- developed by P Praveen kumar

Hai Bharath

Your Cart

Product Id	Product Name	Select Size	Product price
12131	Adidas	5	2200

Total Price = 2200.0

Buy

Remove from Cart

Activate Windows
Go to Settings to activate Windows.

11. on clicking buy option ,payment page will be displayed

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SportyShoes

SportyShoes.Pay
(A Secure Payment Gateway)

Company SportyShoes
Order Number 120275
Total Amount Rs 2200.0/-

Card Payment

Card Number
Expiry Date December 2022
Password



Activate Windows
Go to Settings to activate Windows.

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SportyShoes

SportyShoes.Pay
(A Secure Payment Gateway)

Company SportyShoes
Order Number 120275
Total Amount Rs 2200.0/-

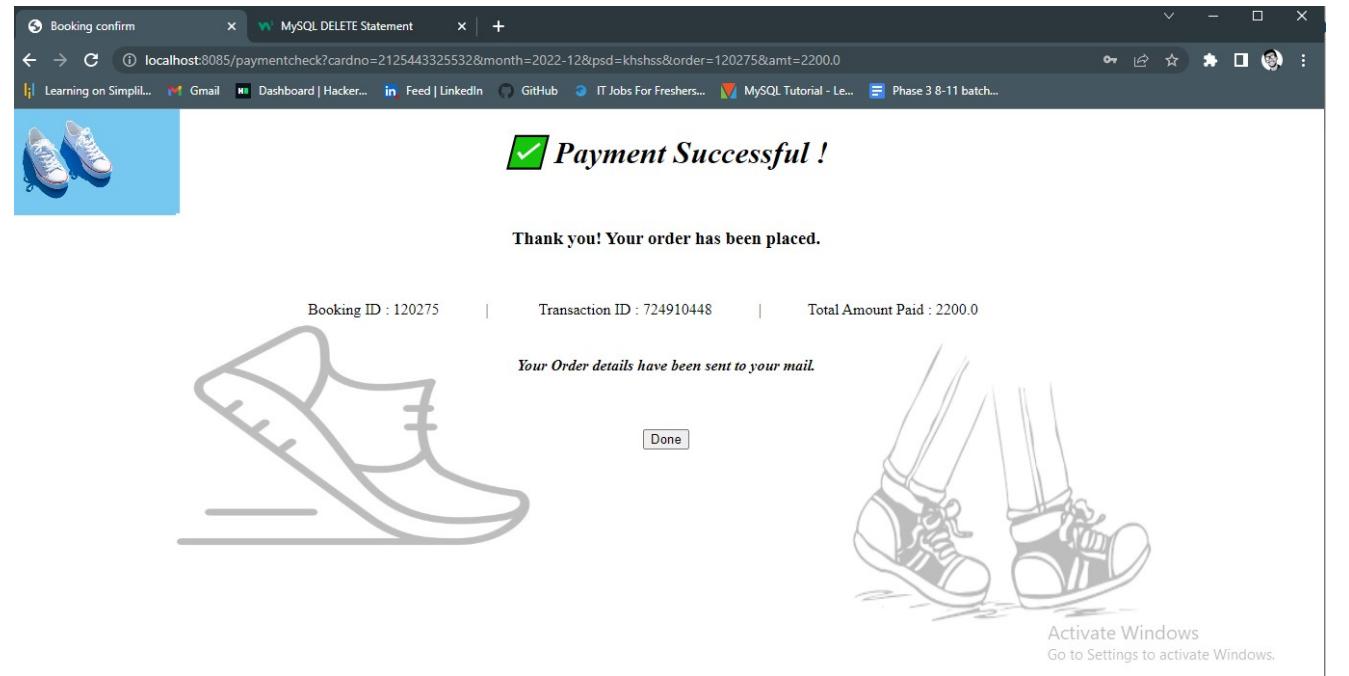
Card Payment

Card Number
Expiry Date
Password



Activate Windows
Go to Settings to activate Windows.

12. On giving details and clicking on pay, successful transaction page will be shown

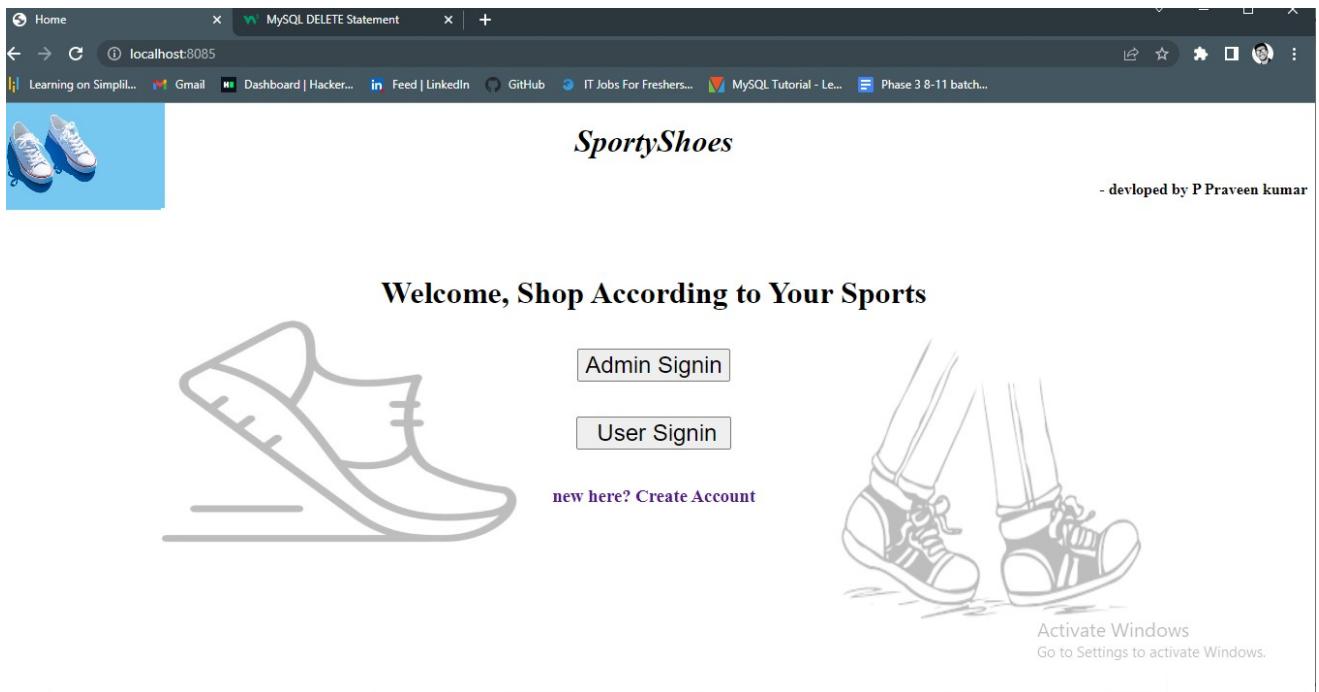


13.Lets check admin part ,

Use username-admin

Password-admin

As it was updated on database by me.



```

+----+----+----+----+----+----+----+----+----+----+----+
| 4 | 11-1-13,srikakulam | 8985843407 | 0x01      | 11-1-13,srikakulam | 1432     | 532001 | USER    | bharath@gmail.com | Bhar
+----+----+----+----+----+----+----+----+----+----+
| 5 | 11-1-13,srikakulam | 8985843407 | 0x01      | 11-1-13,srikakulam | 1432     | 532001 | USER    | bharath@gmail.com | Bhar
+----+----+----+----+----+----+----+----+----+----+
5 rows in set (0.00 sec)

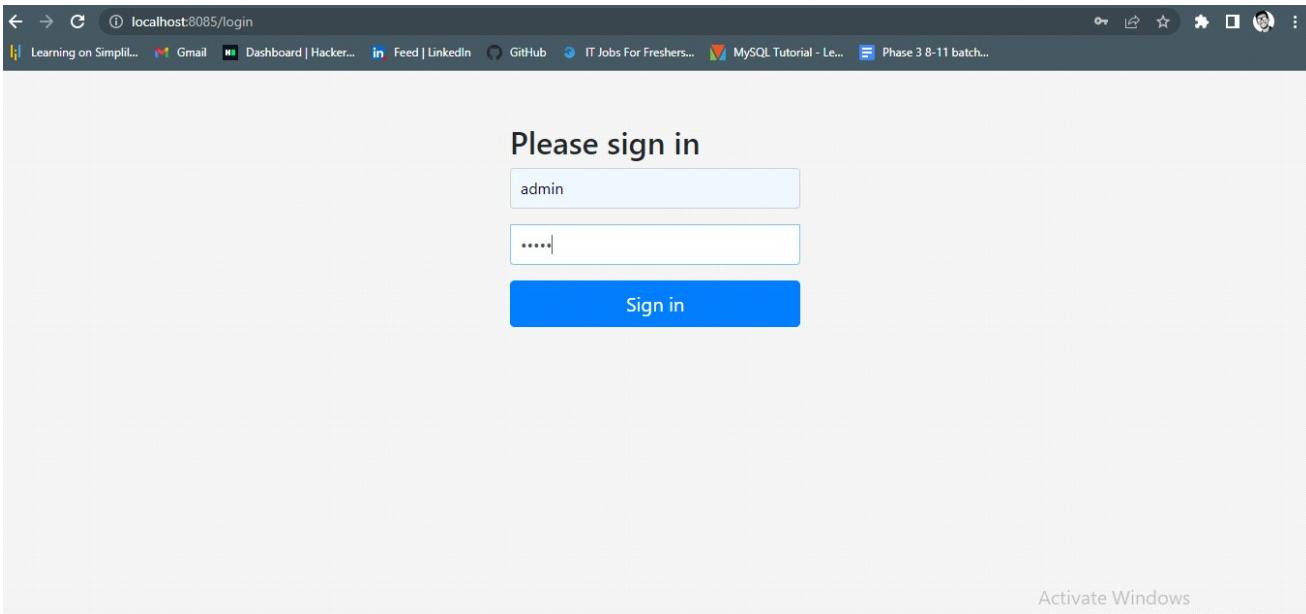
mysql> delete from users where userid=5;
Query OK, 1 row affected (0.09 sec)

mysql> select * from users;
+----+----+----+----+----+----+----+----+----+----+----+
| userid | adress          | contactno | enabled   | name        | password | pincode | role     | useremail   | user
+----+----+----+----+----+----+----+----+----+----+
| 1 | NULL             | NULL       | 0x01      | NULL        | admin     | NULL     | ADMIN    | NULL        | admi
| 2 | srikurmam        | 9502646206 | 0x01      | srikurmam   | kumar     | 532404  | USER    | ppraveen62.ppk@gmail.com | prav
| 3 | Hyderabad         | 999577922  | 0x01      | Hyderabad   | 12345    | 54332   | USER    | rk@gmail.com | ravi
| 4 | 11-1-13,srikakulam | 8985843407 | 0x01      | 11-1-13,srikakulam | 1432     | 532001 | USER    | bharath@gmail.com | Bhar
+----+----+----+----+----+----+----+----+----+----+
4 rows in set (0.00 sec)

mysql> select * from cart;
+----+----+----+----+----+----+----+----+----+----+
| cartid | dateofpurchase | orderno | payment | productcategory | productid | productname | productprice | username |
+----+----+----+----+----+----+----+----+----+
| 70 | 2022-10-23 00:00:00.000000 | 121384 | paid    | Minimalist      | 1233    | Topokkee   | 2000     | ravi98
| 71 | 2022-10-23 00:00:00.000000 | 121384 | paid    | Versatile       | 442112 | Adidas      | 3422     | ravi98
| 72 | 2022-10-23 00:00:00.000000 | 121036 | paid    | Walking         | 12344   | Nike        | 3009     | praveen06
| 73 | 2022-10-24 00:00:00.000000 | 120275 | paid    | Running         | 12131   | Adidas      | 2200     | Bharath
+----+----+----+----+----+----+----+----+----+
4 rows in set (0.04 sec)

```

Activate V
Go to Setting



14.On successful signin admin home page will be displayed.

The screenshot shows a web browser window titled "MySQL DELETE Statement" with the URL "localhost:8085/loginhome". The page header includes "Admin Home" and "SportyShoes" with a developer credit "- developed by P Praveen kumar". A "Logout" link is in the top right. On the left, there's a small image of two blue sneakers. In the center, there's a large line drawing of a single running shoe. To the right, there's another line drawing of two shoes and a message "Activate Windows Go to Settings to activate Windows.". A sidebar on the right lists navigation links: "Home", "Change Password", "Add, Delete or Update Products", "List of Users", and "Purchase Reports".

15. on clicking change password page will be displayed and new password is given

The screenshot shows a web browser window titled "Change Password" with the URL "localhost:8085/changepassword.jsp". The page header includes "Admin Home" and "SportyShoes" with a developer credit "- developed by P Praveen kumar". A "Logout" link is in the top right. On the left, there's a small image of two blue sneakers. In the center, there's a text input field labeled "Enter New password" with a placeholder "...." and a "Change Password" button below it. To the right, there's another line drawing of two shoes and a message "Activate Windows Go to Settings to activate Windows.". A "Home" link is also visible in the top right.

16. Confirmation page will be displayed as updated sucessfully

MySQL DELETE Statement

localhost:8085/updatepassword?password=12345&update=Change+Password

SportyShoes

- developed by P Praveen kumar

Welcome, Shop According to Your Sports

Admin Signin

User Signin

new here? Create Account

updated sucessfully

Activate Windows
Go to Settings to activate Windows.

As in database will be changed

```
mysql> select * from users;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| userid | address | contactno | enabled | name | password | pincode | role | useremail | username |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | NULL | NULL | 0x01 | NULL | 12345 | NULL | ADMIN | NULL | admin |
| 2 | srikurman | 9502646206 | 0x01 | srikrumam | kumar | 532404 | USER | ppraveen62.ppk@gmail.com | praveen06 |
| 3 | Hyderabad | 999577922 | 0x01 | Hyderabad | 12345 | 54332 | USER | rk@gmail.com | ravi98 |
| 4 | 11-1-13,srikakulam | 8985843407 | 0x01 | 11-1-13,srikakulam | 1432 | 532001 | USER | bharath@gmail.com | Bharath |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```

17. on successful admin login and clicking on list users

SportyShoes

- developed by P Praveen kumar

Home Logout

Search by Username Search

User Id	Name	UserName	Email	Address	Contact No	Pincode
2	srikrumam	praveen06	ppraveen62.ppk@gmail.com	srikrumam	9502646206	532404
3	Hyderabad	ravi98	rk@gmail.com	Hyderabad	999577922	54332
4	11-1-13,srikakulam	Bharath	bharath@gmail.com	11-1-13,srikakulam	8985843407	532001

Activate Windows
Go to Settings to activate Windows.

18.on searching username and clicking on search option

The screenshot shows a search interface with a search bar containing 'Bharath'. Below it is a table with columns: User Id, Name, UserName, Email, Address, Contact No, and Pincode. The table contains four rows of data.

User Id	Name	UserName	Email	Address	Contact No	Pincode
2	srikurmam	praveen06	ppraveen62.ppk@gmail.com	srikurmam	9502646206	532404
3	Hyderabad	ravi98	rk@gmail.com	Hyderabad	999577922	54332
4	11-1-13,srikakulam	Bharath	bharath@gmail.com	11-1-13,srikakulam	8985843407	532001

19.particular searched username details will be displayed

The screenshot shows a table with columns: User Id, Name, UserName, Email, Address, Contact No, and Pincode. It displays a single row of data for the user 'Bharath'.

User Id	Name	UserName	Email	Address	Contact No	Pincode
4	11-1-13,srikakulam	Bharath	bharath@gmail.com	11-1-13,srikakulam	8985843407	532001

20.coming to home page and clicking on purchase reports

The screenshot shows a table with columns: Purchased Date, Order Id, product Id, Product Category, Product price, and Customer Username. The table contains five rows of data.

Purchased Date	Order Id	product Id	Product Category	Product price	Customer Username
2022-10-23 00:00:00.0	121384	1233	Minimalist	2000	2000
2022-10-23 00:00:00.0	121384	442112	Versatile	3422	3422
2022-10-23 00:00:00.0	121036	12344	Walking	3009	3009
2022-10-24 00:00:00.0	120275	12131	Running	2200	2200

21.on home page clicking on add ,delete or update



[Add Product](#)

Product Id	Product Category	Product Name	Product price	Product Description	Edit	Delete
12131	Running shoes	Adidas Men's Glowrun Reflective M	2200	This shoe has high-density printing with a gradient effect which increases its glamor.	Edit	Delete
124355	Running shoes	Adidas Men's Dasher M Running Shoe	2589	The great cushioning, antibacterial comfort, smoothness, and superb grip makes it a must buying shoe.	Edit	Delete
12344	Walking shoes	Nike Men's Flex Experience RN 8 Running Shoes	3009	With its easy lace-up fastening, you can easily achieve the desired snug fit.	Edit	Delete
13241	Running shoes	Asics Men's Road Running Shoe	1819	Asics Men's Road Running Shoe is a perfect match for those who want light shoes as it weighs 160 gm only	Edit	Delete
13234	Running shoes	Puma Men's Zeta Running Shoes	2469	performance, good material then Puma Men's Zeta Running Shoes is the best option for you	Edit	Delete

22.on clicking on add product giving product details and giving add option



[Enter Details](#)

Product Id	<input type="text" value="10122"/>
Product Category	<input type="text" value="Walking shoes"/>
Product Name	<input type="text" value="Nike test 2"/>
Product Price Rs	<input type="text" value="2010"/>
Product Description	<input type="text" value="hard souls and strong grip up"/>

[Add Product](#)



Activate Windows
Go to Settings to activate Windows.

It will be added to list

112352	Trail running shoes	Saucony Xodus Ultra	3000	4.5mm lugs and rockplate Roomy toebox Gaiter compatible	Edit	Delete
35436	Basketball shoes	Nike Cosmic Unity 2	3000	lighter weight, better grip, and more overall response.	Edit	Delete
23425	Basketball shoes	Li-Ning Way Of Wade 10	2900	amazing cushioning and combines with a full-length carbon fiber plate for best-in-class energy return.	Edit	Delete
42324	Basketball shoes	adidas Trae Young 1	4000	The multi-directional ridged outsole sticks you to the hardwood while the ergonomic midsole offers support and comfort where you need it.	Edit	Delete
43231	Football boots	adidas COPA Sense	3500	this new colour-up was certainly eye catching	Edit	Delete
24533	Football boots	adidas Predator Edge	3600	hard souls and strong grip	Activate Windows	Go to Settings to activate Windows
10122	Walking shoes	Nike test 2	2010	hard souls and strong grip updated	Edit	Delete

23.on clicking edit option a update form will be opened .

Where I changed the price only it was updated.

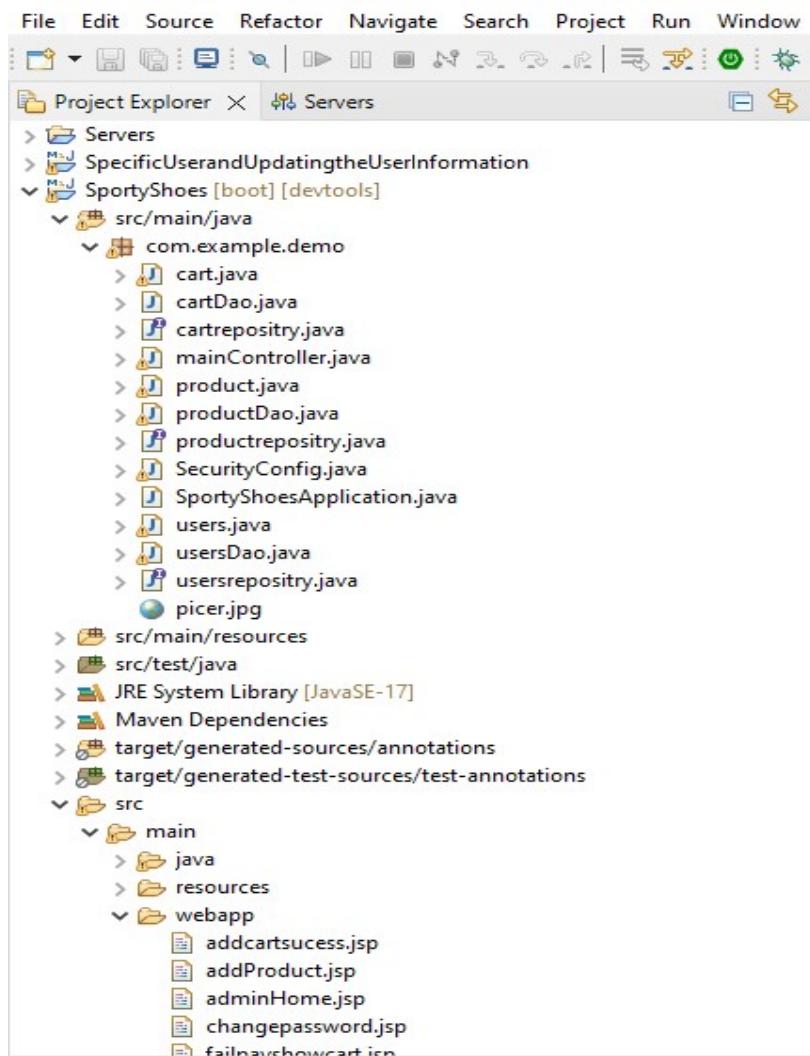
112352	Trail running shoes	Saucony Xodus Ultra	3000	4.5mm lugs and rockplate Roomy toebox Gaiter compatible	Edit	Delete
35436	Basketball shoes	Nike Cosmic Unity 2	3000	lighter weight, better grip, and more overall response.	Edit	Delete
23425	Basketball shoes	Li-Ning Way Of Wade 10	2900	amazing cushioning and combines with a full-length carbon fiber plate for best-in-class energy return.	Edit	Delete
42324	Basketball shoes	adidas Trae Young 1	4000	The multi-directional ridged outsole sticks you to the hardwood while the ergonomic midsole offers support and comfort where you need it.	Edit	Delete
43231	Football boots	adidas COPA Sense	3500	this new colour-up was certainly eye catching	Edit	Delete
24533	Football boots	adidas Predator Edge	3600	hard souls and strong grip	Activate Windows	Go to Settings to activate Windows
10122	Walking shoes	Nike test 2	3000	hard souls and strong grip	Edit	Delete

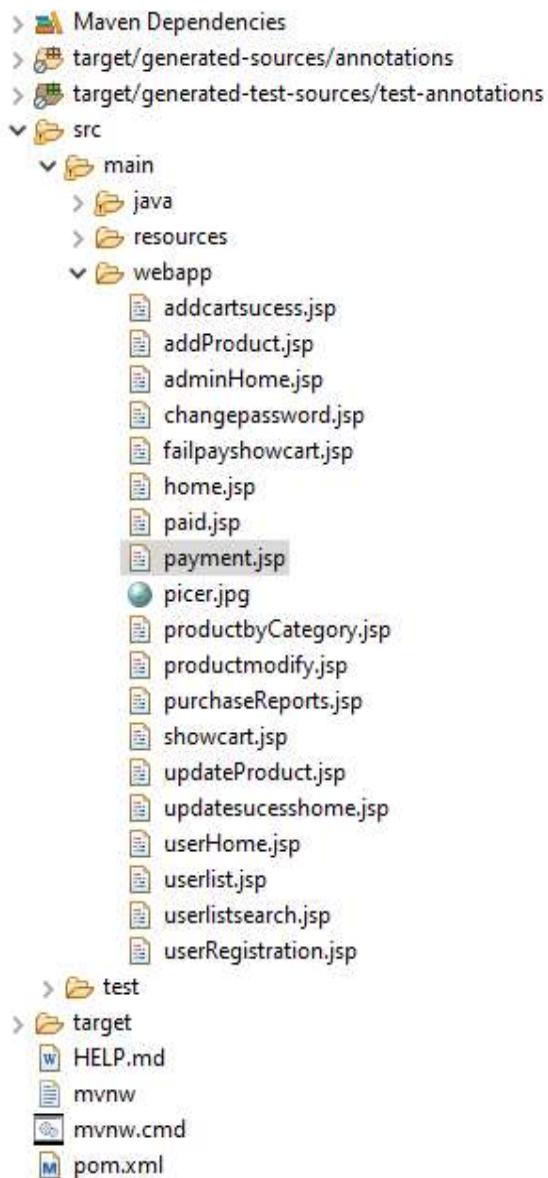
24. then I clicked on delete button of the updated item ,it will be deleted from the list

2434	shoes	Nike Metcon /	5009	True to size. Stable. Awesome grip. Very comfy.	<button>Edit</button>	<button>Delete</button>	
11344	Versatile training shoes	Nano X1	3400	More versatile, less crossfit-specific. Upper hugs the foot.	<button>Edit</button>	<button>Delete</button>	
442112	Versatile training shoes	Adidas Powerlift 4	3422	Helps to improve lifting form. Versatile for other WOD exercises.	<button>Edit</button>	<button>Delete</button>	
723332	Versatile training shoes	Nike's Metcons	2500	Excellent for agility workouts. Lighter than other Metcons.	<button>Edit</button>	<button>Delete</button>	
4365	Trail running shoes	Salomon Pulsar Trail	3900	Excellent traction on both wet and dry trails.	<button>Edit</button>	<button>Delete</button>	
2134	Trail running shoes	Saucony Peregrine 12	2300	Saucony's Peregrine line has long been a speedy trail shoe that works well for many types of runners in a wide variety of conditions.	<button>Edit</button>	<button>Delete</button>	
112352	Trail running shoes	Saucony Xodus Ultra	3000	4.5mm lugs and rockplate. Roomy toebox. Gaiter compatible.	<button>Edit</button>	<button>Delete</button>	
35436	Basketball shoes	Nike Cosmic Unity 2	3000	Lighter weight, better grip, and more overall response.	<button>Edit</button>	<button>Delete</button>	
23425	Basketball shoes	Li-Ning Way Of Wade 10	2900	Amazing cushioning and combines with a full-length carbon fiber plate for best-in-class energy return.	<button>Edit</button>	<button>Delete</button>	
42324	Basketball shoes	adidas Trae Young 1	4000	The multi-directional ridged outsole sticks you to the hardwood while the ergonomic midsole offers support and comfort where you need it.	<button>Edit</button>	<button>Delete</button>	
43231	Football boots	adidas COPA Sense	3500	This new colour-up was certainly eye catching.	<button>Activate Window</button>	<button>Edit</button>	<button>Delete</button>
24533	Football boots	adidas Predator Edge	3600	Hard souls and strong grip.	<button>Go to Settings to activate</button>	<button>Edit</button>	<button>Delete</button>



Files





List of core concept used:

Spring Boot , Spring Security, Java , Jsp, Jpa, Jdbc, Hibernate, MySQL database, Collections, and sorting techniques .

Pushing to GitHub

```
BALA@PPK MINGW64 /e/simplilearn/github/phase 3/Sporty shoes proj
create mode 100644 21.png
create mode 100644 22.png
create mode 100644 23.png
create mode 100644 24.png
create mode 100644 25.png
create mode 100644 26.png
create mode 100644 27.png
create mode 100644 28.png
create mode 100644 29.png
create mode 100644 3.png
create mode 100644 30.png
create mode 100644 31.png
create mode 100644 32.png
create mode 100644 4.png
create mode 100644 5.png
create mode 100644 6.png
create mode 100644 7.png
create mode 100644 8.png
create mode 100644 9.png
create mode 100644 Sporty Shoes document.docx
create mode 100644 file.png
create mode 100644 file2.png
create mode 100644 flow chart.docx
create mode 100644 flow chart.png
create mode 100644 ~Sporty Shoes doc.docx
create mode 100644 ~Sporty Shoes document.docx
create mode 100644 ~WRL3903.tmp

BALA@PPK MINGW64 /e/simplilearn/github/phase 3/Sporty shoes proj (master)
$ git branch -M main

BALA@PPK MINGW64 /e/simplilearn/github/phase 3/Sporty shoes proj (main)
$ git remote add origin https://github.com/ppraveen62/Sporty-Shoes-Final-Proj---SpringBoot.git

BALA@PPK MINGW64 /e/simplilearn/github/phase 3/Sporty shoes proj (main)
$ git push -u origin main
Enumerating objects: 41, done.
Counting objects: 100% (41/41), done.
Delta compression using up to 4 threads
Compressing objects: 100% (41/41), done.
Writing objects: 100% (41/41), 7.63 MiB | 833.00 KiB/s, done.
Total 41 (delta 19), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (19/19), done.
To https://github.com/ppraveen62/Sporty-Shoes-Final-Proj---SpringBoot.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

BALA@PPK MINGW64 /e/simplilearn/github/phase 3/Sporty shoes proj (main)
```

Activate Window
Go to Settings to a

Links to the GitHub repository to verify the project completion

<https://github.com/ppraveen62/Sporty-Shoes-Final-Proj---SpringBoot.git>

Conclusion:

The E-commerce Website for Sporty Shoes is prepared according to the provided flow and features of the websites and everything followed according to the instructions.