

# E-commerce Website for Sporty Shoes

(Documentation)

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## **1. Program Background:**

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.

## **2. Program Features:**

- 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 will 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

## **3. Tools used for development:**

1. Eclipse IDE
2. MySQL Relation Database Management System
3. Apache Tom-Cat 10 server
4. Java Servlets
5. Java Server Pages (JSP)
6. HTML
7. Apache Maven
8. JDBC Java Database Connectivity
9. CSS

4. **Sprint Table:**

SPRINT	WORK DONE	TIME PERIOD	RESULT
1	Created Databases in MySQL	15/02/2022 to 19/02/2022	Done ✓
2	Designed HTML pages	19/02/2022 to 27/02/2022	Done ✓
3	Server-side coding	27/02/2022 to 09/03/22	Done ✓
4	Testing	09/03/22 to 13/03/22	Done ✓

5. **Project Github Link:**

<https://github.com/VikramKr04/E-commerce-Website-for-Sporty-Shoes->

## 6. Project Code

### 1.signup

```
<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="css/signup-style.css">

<title>Sign up</title>

</head>

<body>

<div id='container'>

<div class='signup'>

<form action="signupAction.jsp" method="post">

<input type="text" name="name" placeholder="Full name"> <input

type="email" name="email" placeholder="Email ID"> <input

type="number" name="phonenumber" placeholder="Mobile Number">

<select name="securityQuestion" required>

<option value="What is the name of your first pet ?">What

is the name of your first pet ?</option>

<option value="What is your first car ?">What is your

first car ?</option>

<option value="Where did you born ?">Where did you born ?</option>

<option value="What is the name of your first school ?">What

is the name of your first school ?</option>

</select> <input type="text" name="answer" placeholder="Answer"> <input
```

```
type="password" name="password" placeholder="Password"> <input  
type="submit" value="Sign Up">
```

```
</form>
```

```
<h2>
```

```
<a href="login.jsp">Login</a>
```

```
</h2>
```

```
</div>
```

```
<div class='whysign'>
```

```
<%
```

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

```
if ("valid".equals(msg)) {
```

```
%>
```

```
<h1>Successfully Registered</h1>
```

```
<%
```

```
}
```

```
if ("invalid".equals(msg)) {
```

```
%>
```

```
<h1>Some thing Went Wrong! Try Again !</h1>
```

```
<%
```

```
}
```

```
%>
```

```
<h2>Sporty Shoes</h2>
```

```
<p>The Sporty Shoes is the place where you all can find the essentials for your footwear style.</p>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

## 2.Login

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" href="css/signup-style.css">
```

```
<title>Login</title>
```

```
</head>
```

```
<body>
```

```
<div id='container'>
```

```
<div class='signup'>
```

```
<form action="loginAction.jsp" method="post">
```

```
<input type="text" name="email" placeholder="Email ID"> <input
```

```
type="password" name="password" placeholder="Password"> <input
```

```
type="submit" value="Login">
```

```
</form>
```

```
<h2>
```

```
<a href="signup.jsp">SignUp</a>
```

```
</h2>
```

```
<h2>
```

```
<a href="forgotPassword.jsp">Forgot Password?</a>
```

```
</h2>
```

```
</div>
```

```
<div class='whysignLogin'>
```

```
<%
String msg = request.getParameter("msg");
if ("notexist".equals(msg)) {
%>
<h1>Incorrect Username or Password</h1>
<%
}
if ("invalid".equals(msg)) {
%>
<h1>Some thing Went Wrong! Try Again !</h1>
<%
}
%>
<h2>Sporty Shoes</h2>
<p>The Sporty Shoes is the place where you all can find the essentials for your footwear style.</p>
</div>
</div>

</body>
</html>
```

### **3.Signup action**

```
<%@page import="com.project.ConnectionProvider"%>
```

```
<%@ page import="java.sql.*"%>
```

```
<%
```

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

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

```
String mobilenummer = request.getParameter("phonenumber");
```

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

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

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

```
String address = "";
```

```
String city = "";
```

```
String state = "";
```

```
String country = "";
```

```
try {
```

```
Connection con = ConnectionProvider.getCon();
```

```
PreparedStatement st = con.prepareStatement("insert into users  
values(?,?,?,?,?,?,?,?,?,?)");
```

```
st.setString(1, name);
```

```
st.setString(2, email);
```

```
st.setString(3, mobilenummer);
```

```
st.setString(4, securityQuestion);
```

```
st.setString(5, answer);
```

```
st.setString(6, password);
```



```

st.setString(7, address);
st.setString(8, city);
st.setString(9, state);
st.setString(10, country);
st.executeUpdate();
response.sendRedirect("signup.jsp?msg=valid");
} catch (Exception e) {
response.sendRedirect("signup.jsp?msg=invalid");
System.out.println(e);
}
%>

```

#### **4.Login action**

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>

<%
String email = request.getParameter("email");
String password = request.getParameter("password");

if ("admin@gmail.com".equals(email) && "admin".equals(password)) {
session.setAttribute("email", email);
response.sendRedirect("admin/adminHome.jsp");
}
%>

```

```

} else {
    int z = 0;
    try {
        Connection con = ConnectionProvider.getCon();
        Statement st = con.createStatement();
        ResultSet rs = st
            .executeQuery("select * from users where email='" + email + "' and
                password='" + password + "'");
        while (rs.next()) {
            z = 1;
            session.setAttribute("email", email);
            response.sendRedirect("home.jsp");
        }
        if (z == 0) {
            response.sendRedirect("login.jsp?msg=notexist");
        }
    } catch (Exception e) {
        System.out.println(e);
        response.sendRedirect("login.jsp?msg=invalid");
    }
}
%>

```

## **5.Home**

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="header.jsp" %>
<%@include file="footer.jsp" %>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Sporty Shoes</title>

<style>
h3
{
color: yellow;
text-align: center;
}
</style>
</head>

<body>

<div style="color: white; text-align: center; font-size: 30px;">Home <i
class="fa fa-institution"></i></div>

<%
String msg=request.getParameter("msg");
if("added".equals(msg))
{
%>
<h3 class="alert">Product added successfully!</h3>
<%
}
%>

<%
if("exist".equals(msg))
{
%>

```

```

<h3 class="alert">Product already exist in you cart! Quantity increased!</h3>
<%
}
%>

<%
if("invalid".equals(msg))
{
%>
<h3 class="alert">Password change successfully!</h3>
<%
}
%>
<table>
<thead>
<tr>
<th scope="col">ID</th>
<th scope="col">Name</th>
<th scope="col">Category</th>
<th scope="col"><i class="fa fa-inr"></i> Price</th>
<th scope="col">Add to cart <i class='fas fa-cart-plus'></i></th>
</tr>
</thead>
<tbody>
<%
try{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("select * from products where status='Active'");
while(rs.next()){

```

```

%>

<tr>
<td><%=rs.getString(1)%></td>
<td><%=rs.getString(2) %></td>
<td><%=rs.getString(3)%></td>
<td><i class="fa fa-inr"></i><%=rs.getString(4)%></td>
<td><a href="addToCartAction.jsp?id=<%=rs.getString(1)%>">Add to cart <i
class='fas fa-cart-plus'></i></a></td>
</tr>
<%
}
}
catch(Exception e){
System.out.println(e);
}
%>
</tbody>
</table>
<br>
<br>
<br>

</body>
</html>

```

## 6.Search Home

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="header.jsp" %>
<%@include file="footer.jsp" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Home</title>
</head>
<body>
<div style="color: white; text-align: center; font-size: 30px;">Home <i
class="fa fa-institution"></i></div>
<table>
<thead>
<tr>
<th scope="col">ID</th>
<th scope="col">Name</th>
<th scope="col">Category</th>
<th scope="col"><i class="fa fa-inr"></i> Price</th>
<th scope="col">Add to cart <i class='fas fa-cart-plus'></i></th>
</tr>
</thead>
<tbody>
<%
int z=0;
String search=request.getParameter("search");
try{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();

```

```

ResultSet rs=st.executeQuery("select * from products where name like
'"+search+"%' or category like '"+search+"%' and status='Active'");

while(rs.next()){
z=1;
%>

<tr>

<td><%=rs.getString(1)%></td>

<td><%=rs.getString(2) %></td>

<td><%=rs.getString(3)%></td>

<td><i class="fa fa-inr"></i><%=rs.getString(4)%></td>

<td><a href="addToCartAction.jsp?id=<%=rs.getString(1)%>">Add to cart <i
class='fas fa-cart-plus'></i></a></td>

</tr>

<%
}
}

catch(Exception e){
System.out.println(e);
}

%>

</tbody>
</table>

<%if(z==0) {%>

<h1 style="color:white; text-align: center;">Nothing to show</h1>

<%
}

%>

<br>

<br>

<br>

<div class="footer">

<p>All right reserved by BTech Days</p>

```

```
</div>
```

```
</body>
```

```
</html>
```

## **7.Mycart**

```
<%@page import="com.project.ConnectionProvider"%>
```

```
<%@ page import="java.sql.*"%>
```

```
<%@include file="header.jsp" %>
```

```
<%@include file="footer.jsp" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"  
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
```

```
<title>My Cart</title>
```

```
<style>
```

```
h3
```

```
{
```

```
color: yellow;
```

```
text-align: center;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```



```
<div style="color: white; text-align: center; font-size: 30px;">My Cart <i  
class='fas fa-cart-arrow-down'></i></div>
```

```
<%
```

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

```
if("no".equals(msg)){
```

```
%>
```

```
<h3 class="alert">There is only one Quantity! So click on remove!</h3>
```

```
<%
```

```
}
```

```
%>
```

```
<%
```

```
if("inc".equals(msg)){
```

```
%>
```

```
<h3 class="alert">Quantity Increased Successfully!</h3>
```

```
<%
```

```
}
```

```
%>
```

```
<%
```

```
if("dec".equals(msg)){
```

```
%>
```

```
<h3 class="alert">Quantity Decreased Successfully!</h3>
```

```
<%
```

```
}
```

```
%>
```

```
<%
```

```
if("rem".equals(msg)){
```

```
%>
```

```
<h3 class="alert">Product Successfully Removed!</h3>
```

```
<%
```

```
}
```

```
%>
```

```
<table>
```

```
<thead>
```

```
<%
```

```
int total=0;
```

```
int sno=0;
```

```
try{
```

```
Connection con=ConnectionProvider.getCon();
```

```
Statement st=con.createStatement();
```

```
ResultSet rs=st.executeQuery("select sum(total) from cart where  
email='"+email+"' and address is null");
```

```
while(rs.next()){
```

```
total=rs.getInt(1);
```

```
}
```

```
%>
```

```
<tr>
```

```
<th scope="col" style="background-color: yellow;">Total: <i class="fa fa-  
inr"></i><%=total%> </th>
```

```
<%if(total>0){ %><th scope="col"><a href="addressPaymentForOrder.jsp">Proceed  
to order</a></th><%} %>
```

```
</tr>
```

```
</thead>
```

```
<thead>
```

```
<tr>
```

```
<th scope="col">S.No</th>
```

```
<th scope="col">Product Name</th>
```

```

<th scope="col">Category</th>
<th scope="col"><i class="fa fa-inr"></i> price</th>
<th scope="col">Quantity</th>
<th scope="col">Sub Total</th>
<th scope="col">Remove <i class='fas fa-trash-alt'></i></th>
</tr>
</thead>
<tbody>
<%
ResultSet rs1=st.executeQuery("select * from products inner join cart on
products.id=cart.product_id and cart.email='"+email+"' and cart.address is
null");
while(rs1.next()){
%>
<tr>
<%sno=sno+1; %>
<td><%=sno%></td>
<td><%=rs1.getString(2) %></td>
<td><%=rs1.getString(3) %></td>
<td><i class="fa fa-inr"></i><%=rs1.getString(4) %></td>
<td><a
href="incDecQuantityAction.jsp?id=<%=rs1.getString(1)%>&quantity=inc"><i
class='fas fa-plus-circle'></i></a> <%=rs1.getString(8) %> <a
href="incDecQuantityAction.jsp?id=<%=rs1.getString(1)%>&quantity=dec"><i
class='fas fa-minus-circle'></i></a></td>
<td><i class="fa fa-inr"></i> <%=rs1.getString(10) %></td>
<td><a href="removeFromCart.jsp?id=<%=rs1.getString(1)%>">Remove <i
class='fas fa-trash-alt'></i></a></td>
</tr>
<%
}
}
catch(Exception e){
System.out.println(e);

```

```
}  
%>  
</tbody>  
</table>  
<br>  
<br>  
<br>  
  
</body>  
</html>
```

## **8.My orders**

```
<%@page import="com.project.ConnectionProvider"%>  
<%@ page import="java.sql.*"%>  
<%@include file="header.jsp" %>  
<%@include file="footer.jsp" %>  
  
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"  
"http://www.w3.org/TR/html4/loose.dtd">  
  
<html>  
<head>  
  
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">  
<title>My orders</title>  
</head>  
<body>  
  
<div style="color: white; text-align: center; font-size: 30px;">My Orders <i  
class='fab fa-elementor'></i></div>
```

```

<table>
<thead>
<tr>
<th scope="col">S.No</th>
<th scope="col">Product Name</th>
<th scope="col">category</th>
<th scope="col"><i class="fa fa-inr"></i> Price</th>
<th scope="col">Quantity</th>
<th scope="col"><i class="fa fa-inr"></i> Sub Total</th>
<th scope="col">Order Date</th>
<th scope="col">Expected Delivery Date</th>
<th scope="col">Payment Method</th>
<th scope="col">Status</th>
</tr>
</thead>
<tbody>
<%
int sno=0;
try{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("select * from cart inner join products where
cart.product_id=products.id and cart.email='"+email+"' and cart.orderDate is
not NULL");
while(rs.next()){
sno=sno+1;
%>
<tr>
<td><%=sno %></td>
<td><%=rs.getString(17) %></td>
<td><%=rs.getString(18) %></td>
<td><i class="fa fa-inr"></i> <%=rs.getString(19) %></td>

```

```

<td><%=rs.getString(3) %></td>
<td><i class="fa fa-inr"></i><%=rs.getString(5) %> </td>
<td><%=rs.getString(11) %></td>
<td><%=rs.getString(12) %></td>
<td><%=rs.getString(13) %></td>
<td><%=rs.getString(15) %></td>
</tr>
<%
}
}
catch(Exception e){
System.out.println(e);
}
%>
</tbody>
</table>
<br>
<br>
<br>

</body>
</html>

```

## 9.Change details

```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="changeDetailsHeader.jsp" %>
<%@include file="footer.jsp" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<link rel="stylesheet" href="css/changeDetails.css">
<title>Change Details</title>
<style>
hr
{width:70%;}</style>
</head>
<body>
<%
try{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("select * from users where email='"+email+"'");
while(rs.next()){
%>
<h3>Name:<%=rs.getString(1) %> </h3>
<hr>
<h3>Email:<%=rs.getString(2) %> </h3>
<hr>
<h3>Mobile Number: <%=rs.getString(3) %></h3>
<hr>
<h3>Security Question:<%=rs.getString(4) %> </h3>
<hr>
<br>
```

```

<br>
<br>
<%
}
}
catch(Exception e){
System.out.println(e);
}
%>
</body></html>

```

## 10.Message us

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="header.jsp" %>
<%@include file="footer.jsp" %>
<html>
<head>
<link rel="stylesheet" href="css/messageUs.css">
<script src='https://kit.fontawesome.com/a076d05399.js'></script>
<title>Message Us</title>
</head>
<body>
<div style="color: white; text-align: center; font-size: 30px;">Message Us <i
class='fas fa-comment-alt'></i></div>
<%
String msg=request.getParameter("msg");
if("valid".equals(msg))

```



```

{
%>

<h3 style="text-align:center; color:yellow;">Message successfully sent. Our
team will contact you soon!</h3>

<%
}
%>

<%
if("invalid".equals(msg))
{
%>

<h3 style="text-align:center; ">Some thing Went Wrong! Try Again!</h3>

<%
}
%>

<form action="messageUsAction.jsp" method="post">
<input class="input-style" name="subject" type="text" placeholder="subject"
required>
<hr>

<textarea class="input-style" name="body" placeholder= "Enter Your Message"
required></textarea>

<hr>

<button class="button" type="submit"> Send <i class="far fa-arrow-alt-
circle"></i></button>

</form>

<br><br><br></body></html>

```

## **11.About**

```
<%@include file="header.jsp"%>
<%@include file="footer.jsp"%>
<%@page errorPage="error.jsp" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>About</title>

</head>

<body>

<div style="color: white; text-align: center; font-size: 30px;">About <i
class="fa fa-address-book"></i></div>

<div style="background-color: white; padding:35px; font-size: 30px;">

Sporty Shoes

<br>

Hello Everyone!!

<br>

<br>

We sell all kinds of shoes :-

Sneakers

Boots

Canvas

Clogs

Loafers etc

<br>

Contact us at :- sportyshoes123@gmail.com

<br>
```

or

<br>

contact us at Instagram :- shoes\_style

</div>

</body>

</html>

## **12. Logout**

<%

session.invalidate();

response.sendRedirect("login.jsp");

%>

## **13. Add to cart action**

<%@page import="com.project.ConnectionProvider"%>

<%@ page import="java.sql.\*"%>

<%

String email = session.getAttribute("email").toString();

String product\_id = request.getParameter("id");

```

int quantity = 1;
int product_price = 0;
int product_total = 0;
int cart_total = 0;
int z = 0;
try {
    Connection con = ConnectionProvider.getCon();
    Statement st = con.createStatement();
    ResultSet rs = st.executeQuery("select * from products where id=' " +
    product_id + "'");
    while (rs.next()) {
        product_price = rs.getInt(4);
        product_total = product_price;
    }
    ResultSet rs1 = st.executeQuery(
    "select * from cart where product_id='" + product_id + "' and email='" +
    email + "' and address is NULL");
    while (rs1.next()) {
        cart_total = rs1.getInt(5);
        cart_total = cart_total + product_total;
        quantity = rs1.getInt(3);
        quantity = quantity + 1;
        z = 1;
    }

    if (z == 1) {
        st.executeUpdate("update cart set total='" + cart_total + "', quantity='" +
        quantity + "' where product_id="
        + product_id + " and email='" + email + "' and address is NULL");
        response.sendRedirect("home.jsp?msg=exist");
    }
}

```

```

if (z == 0) {
PreparedStatement ps = con.prepareStatement("insert into
cart(email,product_id,quantity,price,total) values(?,?,?,?,?)");
ps.setString(1, email);
ps.setString(2, product_id);
ps.setInt(3, quantity);
ps.setInt(4, product_price);
ps.setInt(5, product_total);
ps.executeUpdate();
response.sendRedirect("home.jsp?msg=added");
}
} catch (Exception e) {
response.sendRedirect("home.jsp?msg=invalid");
System.out.println(e);
}
%>

```

## 14.Increase and decrease quantity

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>

<%
String email = session.getAttribute("email").toString();
String id = request.getParameter("id");
String incdec = request.getParameter("quantity");
int price = 0;

```

```

int total = 0;
int quantity = 0;
int final_total = 0;
try {
    Connection con = ConnectionProvider.getCon();
    Statement st = con.createStatement();
    ResultSet rs = st.executeQuery(
        "select * from cart where email='" + email + "' and product_id='" + id + "'
        and address is null");
    while (rs.next()) {
        price = rs.getInt(4);
        total = rs.getInt(5);
        quantity = rs.getInt(3);

        if (quantity == 1 && incdec.equals("dec")) {
            response.sendRedirect("myCart.jsp?msg=no");
        } else if (quantity != 1 && incdec.equals("dec")) {
            total = total - price;
            quantity = quantity - 1;
            st.executeUpdate("update cart set total='" + total + "' , quantity='" +
                quantity + "' where email='" + email
                + "' and product_id='" + id + "' and address is null");
            response.sendRedirect("myCart.jsp?msg=dec");
        } else {
            total = total + price;
            quantity = quantity + 1;
            st.executeUpdate("update cart set total='" + total + "' , quantity='" +
                quantity + "' where email='" + email
                + "' and product_id='" + id + "' and address is null");
            response.sendRedirect("myCart.jsp?msg=inc");
        }
    }
}

```

```

}
} catch (Exception e) {      System.out.println(e); }%>

```

## 15. Address for payment order

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="footer.jsp" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>
<head>
<link rel="stylesheet" href="css/addressPaymentForOrder-style.css">
<script src='https://kit.fontawesome.com/a076d05399.js'></script>
<title>Home</title>
<script>
if(window.history.forward(1) != null)
window.history.forward(1);
</script>
</head>
<body>
<br>
<table>
<thead>
<%
String email=session.getAttribute("email").toString();
int total=0;
int sno=0;
try{
Connection con=ConnectionProvider.getCon();

```

```
Statement st=con.createStatement();
```

```
ResultSet rs=st.executeQuery("select sum(total) from cart where  
email='"+email+"' and address is null");
```

```
while(rs.next()){
```

```
total=rs.getInt(1);
```

```
%>
```

```
<tr>
```

```
<th scope="col"><a href="myCart.jsp"><i class='fas fa-arrow-circle-left'>  
Back</i></a></th>
```

```
<th scope="col" style="background-color: yellow;">Total: <i class="fa fa-  
inr"></i><%=total %> </th>
```

```
</tr>
```

```
</thead>
```

```
<thead>
```

```
<tr>
```

```
<th scope="col">S.No</th>
```

```
<th scope="col">Product Name</th>
```

```
<th scope="col">Category</th>
```

```
<th scope="col"><i class="fa fa-inr"></i> price</th>
```

```
<th scope="col">Quantity</th>
```

```
<th scope="col">Sub Total</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<%=
```

```
ResultSet rs1=st.executeQuery("select * from products inner join cart on  
products.id=cart.product_id and cart.email='"+email+"' and cart.address is  
null");
```

```
while(rs1.next()){
```

```
%>
```

```
<tr>
```

```
<%=sno=sno+1; %>
```



```

<td><%=sno%></td>
<td><%=rs1.getString(2) %></td>
<td><%=rs1.getString(3) %></td>
<td><i class="fa fa-inr"></i><%=rs1.getString(4) %></td>
<td> <%=rs1.getString(8) %></td>
<td><i class="fa fa-inr"></i><%=rs1.getString(10) %> </td>
</tr>
<%}
ResultSet rs2=st.executeQuery("select * from users where email='"+email+"'");
while(rs2.next()){
%>
</tbody>
</table>
<hr style="width: 100%">
<form action="addressPaymentForOrderAction.jsp" method="post">
<div class="left-div">
<h3>Enter Address</h3>
<input class="input-style" type="text" name="address"
value="<%=rs2.getString(7)%>" placeholder="Address" required>
</div>

<div class="right-div">
<h3>Enter city</h3>
<input class="input-style" type="text" name="city"
value="<%=rs2.getString(8)%>" placeholder="City" required>
</div>

<div class="left-div">
<h3>Enter State</h3>
<input class="input-style" type="text" name="state"
value="<%=rs2.getString(9)%>" placeholder="State" required>

```

```
</div>
```

```
<div class="right-div">
```

```
<h3>Enter country</h3>
```

```
<input class="input-style" type="text" name="country"
value="<%=rs2.getString(10)%>" placeholder="Country" required>
```

```
</div>
```

```
<h3 style="color: red">*If there is no address its mean that you did not set
you address!</h3>
```

```
<h3 style="color: red">*This address will also updated to your profile</h3>
```

```
<hr style="width: 100%">
```

```
<div class="left-div">
```

```
<h3>Select way of Payment</h3>
```

```
<select class="input-style" name="paymentMethod">
```

```
<option value="Cash on delivery (COD)"> Cash on delivery(COD) </option>
```

```
<option value="Online Payment">Online Payment</option>
```

```
</select>
```

```
</div>
```

```
<div class="right-div">
```

```
<h3>Pay online on this btechdays@pay.com</h3>
```

```
<input class="input-style" type="text" name="transactionID"
placeholder="Transaction ID" required>
```

```
<h3 style="color: red">*If you select online Payment then enter you
transaction ID here otherwise leave this blank</h3>
```

```
</div>
```

```
<hr style="width: 100%">
```

```
<div class="left-div">
```

```
<h3>Mobile Number</h3>
```

```

<input class="input-style" type="text" name="mobilenumber"
value="<%rs2.getString(3)%>" placeholder="Mobile Number" required>

<h3 style="color: red">*This mobile number will also updated to your
profile</h3>

</div>

<div class="right-div">

<h3 style="color: red">*If you enter wrong transaction id then your order
will we can cancel!</h3>

<button class="button" type="submit">Proceed to place order <i class='far fa-
arrow-alt-circle-right'></i></button>

<h3 style="color: red">*Fill form correctly</h3>

</div>

</form>

<%
}
}
catch(Exception e){
System.out.println(e);
}
%>

<br>
<br>
<br>

</body>
</html>

```

## 16.Proceed to payment action

```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%
String email=session.getAttribute("email").toString();
String address=request.getParameter ("address");
String city=request.getParameter("city");
String state=request.getParameter("state");
String country=request.getParameter("country");
String mobileNumber=request.getParameter("mobilenumber");
String paymentMethod=request.getParameter("paymentMethod");
String transactionId="";
transactionId=request.getParameter("transactionID");
String status="bill";
try{
Connection con=ConnectionProvider.getCon();
PreparedStatement ps=con.prepareStatement("update users set address=?,
city=?, state=?, country=?, mobilenumber=? where email=?");
ps.setString(1, address);
ps.setString(2, city);
ps.setString(3, state);
ps.setString(4, country);
ps.setString(5, mobileNumber);
ps.setString(6, email);
ps.executeUpdate();

PreparedStatement ps1=con.prepareStatement("update cart set
address=?,city=?,state=?,country=?,mobilenumber=?,orderDate=now(),deliveryDat
e=DATE_ADD(orderDate,INTERVAL 7 DAY),paymentMethod=?,transactionID=?,status=?
where email=? and address is NULL");
```

```

ps1.setString(1, address);
ps1.setString(2, city);
ps1.setString(3, state);
ps1.setString(4, country);
ps1.setString(5, mobileNumber);
ps1.setString(6, paymentMethod);
ps1.setString(7, transactionId);
ps1.setString(8, status);
ps1.setString(9, email);
ps1.executeUpdate();
response.sendRedirect("bill.jsp");
}
catch (Exception e){System.out.println(e);}%>

```

## 17.Remove from cart

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>

<%
String email = session.getAttribute("email").toString();
String id = request.getParameter("id");
try {
Connection con = ConnectionProvider.getCon();
Statement st = con.createStatement();
st.executeUpdate("delete from cart where email='" + email + "' and
product_id='" + id + "' and address is null");
response.sendRedirect("myCart.jsp?msg=rem");
}

```

```
catch (Exception e) {  
    System.out.println(e);  
}  
%>
```

## **18.Continue shopping**

```
<%@page import="com.project.ConnectionProvider"%>  
<%@page import="java.sql.*"%>  
<%  
    String email = session.getAttribute("email").toString();  
    String status = "processing";  
    try {  
        Connection con = ConnectionProvider.getCon();  
        PreparedStatement ps = con.prepareStatement("update cart set status=? where  
email=? and status='bill'");  
        ps.setString(1, status);  
        ps.setString(2, email);  
        ps.executeUpdate();  
        response.sendRedirect("home.jsp");  
    }  
    catch (Exception e) {  
        System.out.println(e);  
    }  
%>
```

## 19.Change details header

```
<%@page errorPage="error.jsp" %>
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="css/home-style.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<script src='https://kit.fontawesome.com/a076d05399.js'></script>
</head>
<!--Header-->
<br>
<div class="topnav sticky">
<center><h2>Change Details<i class="fa fa-edit"></i></h2></center>
<%String email=session.getAttribute("email").toString(); %>
<h2><a href="home.jsp"><i class='fas fa-arrow-circle-left'>Back</i></a></h2>
<h2><a href="">Your Profile(<%=email%>) <i class='fas fa-user-
alt'></i></a></h2>
<a href="changePassword.jsp">Change Password <i class='fas fa-key'></i></a>
<a href="addChangeAddress.jsp">Add or change Address <i class='fas fa-map-
marker-alt'></i></a>
<a href="changeSecurityQuestion.jsp">Change Security Question <i class="fa
fa-repeat"></i></a>
<a href="changeMobileNumber.jsp">Change Mobile Number <i class='fas fa-
phone'></i></a>
</div>
<br>
<!--table-->
```

## 20.Change password

```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="changeDetailsHeader.jsp" %>
<%@include file="footer.jsp" %>
<html>
<head>
<link rel="stylesheet" href="css/changeDetails.css">
<script src='https://kit.fontawesome.com/a076d05399.js'></script>
<title>Message Us</title>
</head>
<body>
<%
String msg=request.getParameter("msg");
if("notMatch".equals(msg))
{
%>
<h3 class="alert">New password and Confirm password does not match!</h3>
<%
}
%>
<%
if("wrong".equals(msg))
{
%>
<h3 class="alert">Your old Password is wrong!</h3>
```



```
<%  
}  
%>  
  
<%  
if("done".equals(msg))  
{  
%>  
  
<h3 class="alert">Password change successfully!</h3>  
  
<%  
}  
%>  
  
<%  
if("invalid".equals(msg))  
{  
%>  
  
<h3 class="alert">Some thing went wrong! Try again!</h3>  
  
<%  
}  
%>  
  
<form action="changePasswordAction.jsp" method="post">  
<h3>Enter Old Password</h3>  
  
<input class="input-style" type="password" name="oldPassword"  
placeholder="Enter old password" required>  
  
<hr>  
<h3>Enter New Password</h3>  
  
<input class="input-style" type="password" name="newPassword"  
placeholder="Enter new password" required>  
  
<hr>  
<h3>Enter Confirm Password</h3>  
  
<input class="input-style" type="password" name="confirmPassword"  
placeholder="confirm new password" required>  
  
<hr>
```

```

<button class="button" type="submit" >Save <i class='far fa-arrow-alt-circle-right'></i></button>
</form>
</body>
<br><br><br>
</html>

```

## 21.Change password action

```

<%@page import="com.project.ConnectionProvider"%>
<%@page import="java.sql.*"%>

```

```

<%

```

```

String email = session.getAttribute("email").toString();
String oldPassword = request.getParameter("oldPassword");
String newPassword = request.getParameter("newPassword");
String confirmPassword = request.getParameter("confirmPassword");

```

```

if (!confirmPassword.equals(newPassword))
response.sendRedirect("changePassword.jsp?msg=notMatch");

```

```

else {
int check = 0;
try {

```

```

Connection con = ConnectionProvider.getCon();
Statement st = con.createStatement();
ResultSet rs = st.executeQuery("select * from users where email='" + email +
    "'" + " and password='" + oldPassword + "'");
while (rs.next()) {
    check = 1;
    st.executeUpdate("update users set password='" + newPassword + "' where
        email='" + email + "'");
    response.sendRedirect("changePassword.jsp?msg=done");
}

if (check == 0)
    response.sendRedirect("changePassword.jsp?msg=wrong");
} catch (Exception e) {
    System.out.println(e);
}
}
%>

```

## 22.Change address

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="changeDetailsHeader.jsp" %>
<%@include file="footer.jsp" %>
<html>
<head>
<link rel="stylesheet" href="css/changeDetails.css">
<script src='https://kit.fontawesome.com/a076d05399.js'></script>
<title>Add or change address</title>

```

```

</head>
<body>
<%
String msg=request.getParameter("msg");
if("valid".equals(msg))
{
%>
<h3 class="alert">Address Successfully Updated !</h3>
<%
}
%>
<%
if("invalid".equals(msg))
{
%>
<h3 class="alert">Some thing Went Wrong! Try Again!</h3>
<%
}
%>

<%
try{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("select * from users where email='"+email+"'");
while(rs.next())
{
%>
<form action="addChangeAddressAction.jsp" method="post">
<h3>Enter Address</h3>

```

```

<input class="input-style" type="text" name="address"
value="<%=rs.getString(7) %>" placeholder="enter address" required>
<hr>
<h3>Enter city</h3>
<input class="input-style" type="text" name="city" value="<%=rs.getString(8)
%>" placeholder="enter city" required>
<hr>
<h3>Enter State</h3>
<input class="input-style" type="text" name="state" value="<%=rs.getString(9)
%>" placeholder="enter state" required>
<hr>
<h3>Enter country</h3>
<input class="input-style" type="text" name="country"
value="<%=rs.getString(10) %>" placeholder="enter country" required>
<hr>
<button class="button" type="submit">Save <i class='far fa-arrow-alt-circle-
right'></i></button>
</form>
<%
}
}
catch(Exception e){
System.out.println(e);
}
%>
</body>
<br><br><br>
</html>

```

## 23.Change address action

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>

<%
String email = session.getAttribute("email").toString();
String address = request.getParameter("address");
String city = request.getParameter("city");
String state = request.getParameter("state");
String country = request.getParameter("country");
try {
Connection con = ConnectionProvider.getCon();
PreparedStatement ps = con.prepareStatement("update users set address=?,
city=?, state=?, country=? where email=?");
ps.setString(1, address);
ps.setString(2, city);
ps.setString(3, state);
ps.setString(4, country);
ps.setString(5, email);
ps.executeUpdate();
response.sendRedirect("addChangeAddress.jsp?msg=valid");
} catch (Exception e) {
System.out.println(e);
response.sendRedirect("addChangeAddress.jsp?msg=invalid");
}
%

```

## 24.Change mobile number

```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="changeDetailsHeader.jsp" %>
<%@include file="footer.jsp" %>
<html>
<head>
<link rel="stylesheet" href="css/changeDetails.css">
<script src='https://kit.fontawesome.com/a076d05399.js'></script>
<title>Message Us</title>
</head>
<body>
<%
String msg=request.getParameter("msg");
if("done".equals(msg))
{
%>
<h3 class="alert">Your Mobile Number successfully changed!</h3>
<%
}
%>
<%
if("wrong".equals(msg))
{
%>
<h3 class="alert">Your Password is wrong!</h3>
<%
}
%>
<form action="changeMobileNumberAction.jsp" method="post">
```

```

<h3>Enter Your New Mobile Number</h3>

<input class="input-style" type="text" name="mobileNumber"
placeholder="mobile number" required>

<hr>

<h3>Enter Password (For Security)</h3>

<input class="input-style" type="password" name="password"
placeholder="password" required>

<hr>

<button class="button" type="submit">Save <i class='far fa-arrow-alt-circle-
right'></i></button>

</form>

<br><br><br>

</html>

```

## 24.Change Mobile action

```

<%@page import="com.project.ConnectionProvider"%>
<%@page import="java.sql.*"%>
<%
String email=session.getAttribute ("email").toString();
String mobileNumber=request.getParameter ("mobileNumber");
String password=request.getParameter("password");
int check=0;
try
{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("select *from users where email='"+email+"' and
password='"+password+"'");
while (rs.next()){
check=1;

```



```

st.executeUpdate("update users set mobileNumber='"+mobileNumber+"' where
email='"+email+"'");
response.sendRedirect("changeMobileNumber.jsp?msg=done");
}
if(check==0)
response.sendRedirect("changeMobileNumber.jsp?msg=wrong");
}
catch (Exception e){
System.out.println (e);
}
%>

```

## 25.Message us action

```

<%@page import="com.project.ConnectionProvider"%>
<%@page import="java.sql.*"%>
<%
String email = session.getAttribute("email").toString();
String subject = request.getParameter("subject");
String body = request.getParameter("body");
try {
Connection con = ConnectionProvider.getCon();
PreparedStatement ps = con.prepareStatement("insert into message (email,
subject, body) values (?, ?, ?)");
ps.setString(1, email);
ps.setString(2, subject);
ps.setString(3, body);
ps.executeUpdate();
response.sendRedirect("messageUs.jsp?msg=valid");
} catch (Exception e) {

```

```
System.out.println(e);
response.sendRedirect("messageUs.jsp?msg=invalid");
}
%>
```

## **26.Bill**

```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="footer.jsp" %>
<html>
<head>
<link rel="stylesheet" href="css/bill.css">
<title>Bill</title>
</head>
<body>
<%
String email=session.getAttribute("email").toString();
try{
int total=0;
int sno=0;
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("select sum(total) from cart where
email='"+email+"' and status='bill'");
while(rs.next()){
total=rs.getInt(1);
}
ResultSet rs1=st.executeQuery("select * from users inner join cart where
cart.email='"+email+"' and cart.status='bill' ");
```

```
while(rs1.next())
{
%>
<h3>Sporty Shoes Bill</h3>
<hr>
<div class="left-div"><h3>Name: <%=rs1.getString(1) %> </h3></div>
<div class="right-div-right"><h3>Email: <%=email %> </h3></div>
<div class="right-div"><h3>Mobile Number: <%=rs1.getString(20) %> </h3></div>

<div class="left-div"><h3>Order Date: <%=rs1.getString(21) %> </h3></div>
<div class="right-div-right"><h3>Payment Method: <%=rs1.getString(23) %>
</h3></div>
<div class="right-div"><h3>Expected Delivery: <%=rs1.getString(22)
%></h3></div>

<div class="left-div"><h3>Transaction Id: <%=rs1.getString(24) %> </h3></div>
<div class="right-div-right"><h3>City: <%=rs1.getString(17) %></h3></div>
<div class="right-div"><h3>Address: <%=rs1.getString(16) %></h3></div>

<div class="left-div"><h3>State: <%=rs1.getString(18) %></h3></div>
<div class="right-div-right"><h3>Country: <%=rs1.getString(19) %></h3></div>

<hr>
<%break;
}%>

<br>
```

```

<table id="customers">
<h3>Product Details</h3>
<tr>
<th>S.No</th>
<th>Product Name</th>
<th>category</th>
<th>Price</th>
<th>Quantity</th>
<th>Sub Total</th>
</tr>
<%
ResultSet rs2=st.executeQuery("select * from cart inner join products where
cart.product_id=products.id and cart.email='"+email+"' and
cart.status='bill'");
while(rs2.next()){
sno=sno+1;
%>
<tr>
<td><%=sno %></td>
<td><%=rs2.getString(17) %></td>
<td><%=rs2.getString(18) %></td>
<td><%=rs2.getString(19) %></td>
<td><%=rs2.getString(3) %></td>
<td><%=rs2.getString(5) %></td>
</tr>
<tr>
<%} %>
</table>
<h3>Total: <%=total %></h3>
<a href="continueShopping.jsp"><button class="button left-button">Continue
Shopping</button></a>

```

```

<a onclick="window.print();"><button class="button right-
button">Print</button></a>

<br><br><br><br>

<%}
catch(Exception e)
{
System.out.println(e);
}
%>
</body>
</html>

```

## 27.Header

```

<%@page errorPage="error.jsp" %>
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="css/home-style.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<script src='https://kit.fontawesome.com/a076d05399.js'></script>
</head>
<!--Header-->
<br>
<div class="topnav sticky">
<%String email=session.getAttribute("email").toString(); %>
<center><h2>Sporty Shoes</h2></center>
<h2><a href=""> <%=email %><i class='fas fa-user-alt'></i></a></h2>
<a href="home.jsp">Home<i class="fa fa-institution"></i></a>

```

```

<a href="myCart.jsp">My Cart<i class='fas fa-cart-arrow-down'></i></a>
<a href="myOrders.jsp">My Orders <i class='fab fa-elementor'></i></a>
<a href="changeDetails.jsp">Change Details <i class="fa fa-edit"></i></a>
<a href="messageUs.jsp">Message Us <i class='fas fa-comment-alt'></i></a>
<a href="about.jsp">About <i class="fa fa-address-book"></i></a>
<a href="logout.jsp">Logout <i class='fas fa-share-square'></i></a>
<div class="search-container">
<form action="searchHome.jsp" method="post">
<input type="text" name="search" placeholder="Search">
<button type="submit"><i class="fa fa-search"></i></button>
</form>
</div></div><br><!--table-->

```

## 28.Footer

```

<div class="footer">
<p>All Right Reserved @ Vikram Kumar</p>
</div>

```

## 29.Admin Home

```

<%@include file="adminHeader.jsp" %>
<%@include file="../footer.jsp" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>

```

```
<head>
<title>welcome</title>
<style>
h1
{
color: white;
text-align: center;
font-size: 100px;
}</style>
</head>
<body>
<h1>welcome admin!</h1>
</body>
</html>
```

### **30.Admin header**

```
<%@page errorPage="../error.jsp" %>
<!DOCTYPE html>
```

```

<html>
<head>
<link rel="stylesheet" href="../css/home-style.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<script src='https://kit.fontawesome.com/a076d05399.js'></script>
</head>
<!--Header-->
<br>
<div class="topnav sticky">
<%String email=session.getAttribute("email").toString(); %>
<center><h2>Sporty Shoes</h2></center>
<a href="addNewProduct.jsp">Add New Product <i class='fas fa-plus-
square'></i></a>
<a href="allProductEditProduct.jsp">All Products & Edit Products <i
class='fab fa-elementor'></i></a>
<a href="messagesReceived.jsp">Messages Received <i class='fas fa-comment-
alt'></i></a>
<a href="ordersReceived.jsp">Orders Received <i class="fas fa-
archive"></i></a>
<a href="cancelOrders.jsp">Cancel Orders <i class='fas fa-window-
close'></i></a>
<a href="deliveredOrders.jsp">Delivered Orders <i class='fas fa-
dolly'></i></a>
<a href="../logout.jsp">Logout <i class='fas fa-share-square'></i></a>
</div><br><!--table-->

```

### 31.Add new product

```

<%@page import="com.project.ConnectionProvider"%>

```



```
<%@ page import="java.sql.*"%>
<%@include file="adminHeader.jsp" %>
<%@include file="../footer.jsp" %>

<html>
<head>
<link rel="stylesheet" href="../css/addNewProduct-style.css">
<title>Add New Product</title>
</head>
<body>

<%
String msg=request.getParameter("msg");
if("done".equals(msg)){
%>
<h3 class="alert">Product Added Successfully!</h3>
<%
}
%>

<%
if("wrong".equals(msg)){
%>
<h3 class="alert">Some thing went wrong! Try Again!</h3>
<%
}
%>
```

```

<%
int id=1;
try{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("select max(id) from products");
while(rs.next()){
id=rs.getInt(1);
id=id+1;
}
}
catch(Exception e){
System.out.println(e);
}
%>

<form action="addNewProductAction.jsp" method="post">
<h3 style="color: yellow;">Product ID: <%=id %></h3>
<input type="hidden" name="id" value="<%=id%>">

<div class="left-div">
<h3>Enter Name</h3>
<input class = "input-style" type="text" name="name" placeholder="Product
Name">
<hr>
</div>

<div class="right-div">
<h3>Enter Category</h3>
<input class = "input-style" type="text" name="category" placeholder="Product
Category">

```

```
<hr>
</div>
```

```
<div class="left-div">
<h3>Enter Price</h3>
<input class = "input-style" type="text" name="price" placeholder="Product
Price">
<hr>
</div>
```

```
<div class="right-div">
<h3>Status</h3>
<select class="input-style" name="status">
<option value="Active">Active</option>
<option value="InActive">InActive</option>
</select>
<hr>
</div>
<button class="button">Save <i class='far fa-arrow-alt-circle-
right'></i></button>
</form>
</body>
<br><br><br>
</body>
</html>
```

## **32.Add new product action**

```
<%@page import="com.project.ConnectionProvider"%>
```

```
<%@page import="java.sql.*"%>
```

```
<%
```

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

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

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

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

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

```
try {
```

```
Connection con = ConnectionProvider.getCon();
```

```
PreparedStatement ps = con.prepareStatement("insert into products  
values(?,?,?,?,?)");
```

```
ps.setString(1, id);
```

```
ps.setString(2, name);
```

```
ps.setString(3, category);
```

```
ps.setString(4, price);
```

```
ps.setString(5, status);
```

```
ps.executeUpdate();
```

```
response.sendRedirect("addNewProduct.jsp?msg=done");
```

```
} catch (Exception e) {
```

```
System.out.println(e);
```

```
response.sendRedirect("addNewProduct.jsp?msg=wrong");
```

```
}
```

```
%>
```

### 33.Edit products

```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="adminHeader.jsp" %>
<%@include file="../footer.jsp" %>
<html>
<head>
<link rel="stylesheet" href="../css/addNewProduct-style.css">
<title>Add New Product</title>
<style>
.back
{
color: white;
margin-left: 2.5%
}
</style>
</head>
<body>

<h2><a class="back" href="allProductEditProduct.jsp"><i class='fas fa-arrow-
circle-left'> Back</i></a></h2>

<%
String id=request.getParameter("id");
try{
Connection con = ConnectionProvider.getCon();
Statement st=con.createStatement();
```

```
ResultSet rs = st.executeQuery("select * from products where id='" + id +  
"");
```

```
while(rs.next()){
```

```
%>
```

```
<form action="editProductAction.jsp" method="post">
```

```
<input type="hidden" name="id" value="<%=id%>">
```

```
<div class="left-div">
```

```
<h3>Enter Name</h3>
```

```
<input class="input-style" type="text" name="name"  
value="<%=rs.getString(2)%>">
```

```
<hr>
```

```
</div>
```

```
<div class="right-div">
```

```
<h3>Enter Category</h3>
```

```
<input class="input-style" type="text" name="category"  
value="<%=rs.getString(3)%>">
```

```
<hr>
```

```
</div>
```

```
<div class="left-div">
```

```
<h3>Enter Price</h3>
```

```
<input class="input-style" type="text" name="price"  
value="<%=rs.getString(4)%>">
```

```
<hr>
```

```
</div>
```

```
<div class="right-div">
```

```
<h3>Status</h3>
```

```

<select class="input-style" name="status">
<option value="Active">Active</option>
<option value="InActive">InActive</option></select>
<hr>
</div>

<button class="button">Save<i class='far fa-arrow-alt-circle-
right'></i></button>
</form>

<%
}
} catch (Exception e) {
System.out.println(e);
}
%>

</body>
<br><br><br>
</body>
</html>

```

### **34.Edit products action**

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>

<%
String id = request.getParameter("id");

```

```

String name = request.getParameter("name");
String category = request.getParameter("category");
String price = request.getParameter("price");
String status = request.getParameter("status");

try {
    Connection con = ConnectionProvider.getCon();
    Statement st = con.createStatement();
    st.executeUpdate("update products set name='" + name + "' , category='" +
category + "' , price='" + price + "' , status='"
+ status + "' where id='" + id + "'");

    if (status.equals("InActive")) {
        st.executeUpdate("delete from cart where product_id='" + id + "' and address
is NULL");
    }

    response.sendRedirect("allProductEditProduct.jsp?msg=yes");
} catch (Exception e) {
    response.sendRedirect("allProductEditProduct.jsp?msg=no");
    System.out.println(e);
}
%>

```

### **35.Messages received**



```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="adminHeader.jsp" %>
<%@include file="../footer.jsp" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Home</title>
<style>
h3
{
color: yellow;
text-align: center;
}
</style>
</head>
<body>
<div style="color: white; text-align: center; font-size: 30px;">Messages
Received <i class='fas fa-comment-alt'></i></div>
<table>
<thead>
<tr>
<th scope="col">ID</th>
<th scope="col">Email</th>
<th scope="col">Subject</th>
<th scope="col">Body</th>
</tr>
</thead>
```

```

<tbody>
<%
try
{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement () ;
ResultSet rs=st.executeQuery("select *from message");
while(rs.next())
{
%>
<tr>
<td><%=rs.getString(1)%></td>
<td><%=rs.getString(2)%></td>
<td><%=rs.getString(3)%></td>
<td><%=rs.getString(4)%></td>
</tr>
<%
}
}
catch (Exception e){
System.out.println (e) ;
}
%>
</tbody>
</table>
<br>
<br>
<br>

</body>

```

```
</html>
```

## 36.Orders received

```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="adminHeader.jsp" %>
<%@include file="../footer.jsp" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<link rel="stylesheet" href="../css/ordersReceived-style.css">
<title>Home</title>
<style>
.th-style
{ width: 25%;}
</style>
</head>
<body>
<div style="color: white; text-align: center; font-size: 30px;">Orders
Received <i class="fas fa-archive"></i></div>
<%
String msg=request.getParameter("msg");
if("cancel".equals(msg))
{
%>
<h3 class="alert">Order Cancel Successfully!</h3>
<%
}
}
```

```

%>
<%
if("delivered".equals(msg))
{
%>
<h3 class="alert">Successfully Updated!</h3>
<%
}
%>
<%
if("invalid".equals(msg))
{
%>
<h3 class="alert">Some thing went wrong! Try Again!</h3>
<%
}
%>

<table id="customers">
<tr>
<th>Mobile Number</th>
<th scope="col">Product Name</th>
<th scope="col">Quantity</th>
<th scope="col"><i class="fa fa-inr"></i> Sub Total</th>
<th>Address</th>
<th>City</th>
<th>State</th>
<th>Country</th>
<th scope="col">Order Date</th>
<th scope="col">Expected Delivery Date</th>

```

```

<th scope="col">Payment Method</th>
<th scope="col">T-ID</th>
<th scope="col">Status</th>
<th scope="col">Cancel order <i class='fas fa-window-close'></i></th>
<th scope="col">Order Delivered <i class='fas fa-dolly'></i><u></u></th>
</tr>
<%
int sno=0;
try
{
Connection con=ConnectionProvider.getCon ();
Statement st=con.createStatement() ;
ResultSet rs=st.executeQuery("select * from cart inner join products where
cart.product_id=products.id and cart.orderDate is not NULL and
cart.status='processing'");
while(rs.next())
{
sno=sno+1;
%>
<tr>
<td><%=rs.getString(10) %></td>
<td><%=rs.getString(17) %></td>
<td><%=rs.getString(3) %></td>
<td><i class="fa fa-inr"></i> <%=rs.getString(5) %></td>
<td><%=rs.getString(6) %></td>
<td><%=rs.getString(7) %></td>
<td><%=rs.getString(8) %></td>
<td><%=rs.getString(9) %></td>
<td><%=rs.getString(11) %></td>
<td><%=rs.getString(12) %></td>
<td><%=rs.getString(13) %></td>
<td><%=rs.getString(14) %></td>

```

```

<td><%=rs.getString(15) %></td>

<td><a
href="cancelOrdersAction.jsp?id=<%=rs.getString(2)%>&email=<%=rs.getString(1)
%>">Cancel <i class='fas fa-window-close'></i></a></td>

<td><a
href="deliveredOrdersAction.jsp?id=<%=rs.getString(2)%>&email=<%=rs.getString
(1)%>">Delivered <i class='fas fa-dolly'></i></a></td>
</tr>

<%
}
}
catch(Exception e){
System.out.println(e);
}
%>

</table>

<br>
<br>
<br>

</body>

</html>

```

### 37.Cancel orders

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="adminHeader.jsp" %>
<%@include file="../footer.jsp" %>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<link rel="stylesheet" href="../css/ordersReceived-style.css">

<title>Home</title>

<style>

.th-style
{ width: 25%;}

</style>

</head>

<body>

<div style="color: white; text-align: center; font-size: 30px;">Cancel Orders
<i class='fas fa-window-close'></i></div>


<table id="customers">
<tr>
<th>Mobile Number</th>
<th scope="col">Product Name</th>
<th scope="col">Quantity</th>
<th scope="col"><i class="fa fa-inr"></i> Sub Total</th>
<th>Address</th>
<th>City</th>
<th>State</th>
<th>Country</th>
<th scope="col">Order Date</th>
<th scope="col">Expected Delivery Date</th>
<th scope="col">Payment Method</th>
<th scope="col">T-ID</th>
<th scope="col">Status</th>
</tr>

```

```

<%
try
{
Connection con=ConnectionProvider.getCon();
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("select * from cart inner join products where
cart.product_id=products.id and cart.orderDate is not NULL and
cart.status='cancel'");
while(rs.next())
{
%>
<tr>
<td><%=rs.getString(10) %></td>
<td><%=rs.getString(17) %></td>
<td><%=rs.getString(3) %></td>
<td><i class="fa fa-inr"></i><%=rs.getString(5) %> </td>
<td><%=rs.getString(6) %></td>
<td><%=rs.getString(7) %></td>
<td><%=rs.getString(8) %></td>
<td><%=rs.getString(9) %></td>
<td><%=rs.getString(11) %></td>
<td><%=rs.getString(12) %></td>
<td><%=rs.getString(13) %></td>
<td><%=rs.getString(14) %></td>
<td><%=rs.getString(15) %></td>
</tr>
<%
}
}
catch(Exception e){
System.out.println(e);
}

```



```
%>
</table>
<br>
<br>
<br>

</body>
</html>
```

### **38.Cancel orders action**

```
<%@page import="com.project.ConnectionProvider" %>
<%@page import="java.sql.*" %>

<%
String id=request.getParameter("id");
String email=request.getParameter ("email");
String status="Cancel";
try
{
Connection con=ConnectionProvider .getCon ();
Statement st=con.createStatement();
st.executeUpdate("update cart set status='"+status+"' where
product_id='"+id+"' and email='"+email+"' and address is not NULL");
response.sendRedirect("ordersReceived.jsp?msg=delivered");
}
catch(Exception e){
```

```
System.out.println (e);
response.sendRedirect ("ordersReceived.jsp?msg=wrong");
}
%>
```

### 39.Delivered orders

```
<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%@include file="adminHeader.jsp" %>
<%@include file="../footer.jsp" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<link rel="stylesheet" href="../css/ordersReceived-style.css">
<title>Home</title>
<style>
.th-style
{ width: 25%;}
</style>
</head>
<body>
<div style="color: white; text-align: center; font-size: 30px;">Delivered
Orders <i class='fas fa-dolly'></i></div>

<table id="customers">
```

```

<tr>
<th>Mobile Number</th>
<th scope="col">Product Name</th>
<th scope="col">Quantity</th>
<th scope="col"><i class="fa fa-inr"></i> Sub Total</th>
<th>Address</th>
<th>City</th>
<th>State</th>
<th>Country</th>
<th scope="col">Order Date</th>
<th scope="col">Expected Delivery Date</th>
<th scope="col">Payment Method</th>
<th scope="col">T-ID</th>
<th scope="col">Status</th>
</tr>

```

```
<%
```

```
try
```

```
{
```

```
Connection con=ConnectionProvider.getCon();
```

```
Statement st=con.createStatement();
```

```
ResultSet rs=st.executeQuery("select * from cart inner join products where
cart.product_id=products.id and cart.orderDate is not NULL and
cart.status='delivered'");
```

```
while(rs.next())
```

```
{
```

```
%>
```

```
<tr>
```

```
<td><%=rs.getString(10) %></td>
```

```
<td><%=rs.getString(17) %></td>
```

```
<td><%=rs.getString(3) %></td>
```

```
<td><i class="fa fa-inr"></i><%=rs.getString(5) %> </td>
```

```
<td><%=rs.getString(6) %></td>
```

```

<td><%=rs.getString(7) %></td>
<td><%=rs.getString(8) %></td>
<td><%=rs.getString(9) %></td>
<td><%=rs.getString(11) %></td>
<td><%=rs.getString(12) %></td>
<td><%=rs.getString(13) %></td>
<td><%=rs.getString(14) %></td>
<td><%=rs.getString(15) %></td>
</tr>
<%
}
}
catch(Exception e){
System.out.println(e);
}
%>
</table>
<br>
<br>
<br>

</body>
</html>

```

## **40.Deliver order action**

```

<%@page import="com.project.ConnectionProvider" %>

```

```
<%@page import= "java.sql.*" %>
```

```
<%
```

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

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

```
String status="Delivered";
```

```
try
```

```
{
```

```
Connection con=ConnectionProvider .getCon ();
```

```
Statement st=con.createStatement();
```

```
st.executeUpdate("update cart set status='"+status+"' where  
product_id='"+id+"' and email='"+email+"' and address is not NULL");
```

```
response.sendRedirect("ordersReceived.jsp?msg=cancel");
```

```
}
```

```
catch(Exception e){
```

```
System.out.println (e);
```

```
response.sendRedirect ("ordersReceived.jsp?msg=wrong");
```

```
}
```

```
%>
```

## Databases

### Create Tables:

```

<%@page import="com.project.ConnectionProvider"%>
<%@ page import="java.sql.*"%>
<%
try {
Connection con = ConnectionProvider.getCon();
Statement st = con.createStatement();

String q1 = "create table users(name varchar(50), email varchar(100) primary
key, mobilenumbar bigint, securityQuestion varchar(200), answer varchar(200),
password varchar(200), address varchar(500), city varchar(100), state
varchar(100), country varchar(100))";

System.out.println(q1);

String q2 = "create table products(id int, name varchar(100), category
varchar(100), price int, status varchar(50))";

System.out.println(q2);

String q3="create table cart(email varchar(100), product_id int, quantity
int, price int, total int, address varchar(200), city varchar(100), state
varchar(100), country varchar(100), mobileNumber bigint, orderDate
varchar(100), deliveryDate varchar(100), paymentMethod varchar(100),
transactionID varchar(100), status varchar(100))";

System.out.println(q3);

String q4="create table message(id int AUTO_INCREMENT, email varchar(100),
subject varchar(100), body varchar(2000), PRIMARY KEY(id))";

System.out.println(q4);

//st.execute(q1);
//st.execute(q2);
//st.execute(q3);
st.execute(q4);

System.out.println("Table Created");

con.close();
} catch (Exception e) {
System.out.println(e);
}
%>

```

## JDBC Connection provider:

```
package com.project;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
public class ConnectionProvider {
```

```
    public static Connection getCon() {
```

```
        try {
```

```
            Class.forName("com.mysql.cj.jdbc.Driver");
```

```
            Connection con =
```

```
                DriverManager.getConnection("jdbc:mysql://localhost:3306/ecommerceproject",  
                    "root","2020");
```

```
            return con;
```

```
        }
```

```
    catch (Exception e) {
```

```
        System.out.println(e);
```

```
        return null;
```

```
    }
```

```
}
```

```
}
```

