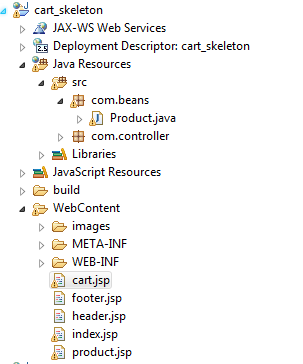
**Shopping Cart Skeleton**



index.jsp

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"* %>

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"* %>

<c:import url=*"header.jsp"*></c:import>

<sql:setDataSource var=*"ds"* driver=*"com.mysql.jdbc.Driver"*

url=*"jdbc:mysql://localhost/shop"*

user=*"root"* password=*""* scope=*"application"*/>

<sql:query dataSource=*"*${ds}*"* var=*"result"*>

SELECT \* from category;

</sql:query>

<table border=*"0"* width=*"100%"* cellspacing=*"5"* cellpadding=*"5"*>

<tr>

<td width=*"20%"*>

<c:forEach var=*"row"* items=*"*${result.rows }*"*>

<a href=*"*<%=request.getContextPath() %>*/Controller?action=category&cat\_id=*<c:out value="${row.id }"></c:out>*"*><c:out value=*"*${row.name }*"*></c:out></a>

<BR>

</c:forEach>

</td>

<td width=*"80%"*></td>

</tr>

</table>

<c:import url=*"footer.jsp"*></c:import>

header.jsp

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

pageEncoding=*"ISO-8859-1"*%>

<!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>Insert title here</title>

</head>

<body>

<H1>My Cart</H1>

<div align=*"right"*><a href=*"*<%=request.getContextPath() %>*/Controller?action=showcart"*>Cart</a></div>

</body>

</html>

footer.jsp

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

pageEncoding=*"ISO-8859-1"*%>

<!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>Insert title here</title>

</head>

<body>

<H1>This is Footer</H1>

</body>

</html>

product.jsp

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"* %>

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"* %>

<c:import url=*"header.jsp"*></c:import>

<sql:query dataSource=*"*${ds}*"* var=*"result"*>

SELECT \* from category;

</sql:query>

<sql:query dataSource=*"*${ds}*"* var=*"result1"*>

SELECT \* from product where cat\_id= '<c:out value=*"*${cat\_id }*"*></c:out>'

</sql:query>

<%

String cat\_id = (String)request.getAttribute("cat\_id");

%>

<table border=*"0"* width=*"100%"* cellspacing=*"5"* cellpadding=*"5"*>

<tr>

<td width=*"20%"*>

<c:forEach var=*"row"* items=*"*${result.rows }*"*>

<a href=*"*<%=request.getContextPath() %>*/Controller?action=category&cat\_id=*<c:out value="${row.id }"></c:out>*"*><c:out value=*"*${row.name }*"*></c:out></a>

<BR>

</c:forEach>

</td>

<td width=*"80%"*>

<h4><c:out value=*"*${msg }*"*></c:out></h4>

<c:forEach var=*"row"* items=*"*${result1.rows }*"*>

<h1> <c:out value=*"*${row.name }*"*></c:out></h1>

<c:out value=*"*${row.price }*"*></c:out><BR>

<a href=*"*<%=request.getContextPath() %>*/Controller?action=addtocart&cat\_id=*<%=cat\_id %>*&name=*<c:out value="${row.name }"></c:out>*&price=*<c:out value="${row.price }"></c:out>*&image=*<c:out value="${row.images }"></c:out>*"*>Add to Cart</a>

<BR><BR>

</c:forEach>

</td>

</tr>

</table>

<c:import url=*"footer.jsp"*></c:import>

cart.jsp

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"* %>

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"* %>

<%@ page import=*"java.util.ArrayList"* %>

<%@ page import=*"com.beans.Product"* %>

<c:import url=*"header.jsp"*></c:import>

<c:choose>

<c:when test=*"*${list != null }*"*>

<%

**double** price = 0;

ArrayList list = (ArrayList)session.getAttribute("list");

**for**(Object o :list){

Product p = (Product)o;

price = price + Double.parseDouble(p.getPrice());

out.println(p.getName() + "------------" + "Rs. "+p.getPrice() + "<BR><HR><BR>");

}

%>

Total Amount: Rs. <%=price %>

</c:when>

<c:otherwise>

Cart is Empty

</c:otherwise>

</c:choose>

<c:import url=*"footer.jsp"*></c:import>

**Product.java**

**package** com.beans;

**import** java.util.ArrayList;

**public** **class** Product {

**private** String name;

**private** String image;

**private** String price;

**static** ArrayList<Product> *list* = **new** ArrayList<Product>();

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getImage() {

**return** image;

}

**public** **void** setImage(String image) {

**this**.image = image;

}

**public** String getPrice() {

**return** price;

}

**public** **void** setPrice(String price) {

**this**.price = price;

}

**public** ArrayList<Product> addToCart(Product p,ArrayList list){

list.add(p);

**return** list;

}

}

**Controller.java**

package com.controller;

import java.io.IOException;

import java.util.ArrayList;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import com.beans.Product;

public class Controller extends HttpServlet {

private static final long serialVersionUID = 1L;

ArrayList<Product> list = new ArrayList<Product>();

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

String action=request.getParameter("action");

if(action == null){

request.getRequestDispatcher("index.jsp").forward(request, response);

}

else{

doPost(request,response);

}

}

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

String action=request.getParameter("action");

if(action.equals("category")){

String cat\_id=request.getParameter("cat\_id");

request.setAttribute("cat\_id", cat\_id);

request.getRequestDispatcher("product.jsp").forward(request, response);

}

if(action.equals("addtocart")){

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

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

String image = request.getParameter("image");

String cat\_id = request.getParameter("cat\_id");

Product p = new Product();

p.setName(name);

p.setPrice(price);

p.setImage(image);

list=p.addToCart(p,list);

HttpSession session = request.getSession();

session.setAttribute("list", list);

request.setAttribute("cat\_id", cat\_id);

request.setAttribute("msg", "Product Added to Cart");

request.getRequestDispatcher("product.jsp").forward(request, response);

}

if(action.equals("showcart")){

request.getRequestDispatcher("cart.jsp").forward(request, response);

}

}

}