SOURCE CODE:

HTML Code:

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<center> <h1> Product Details</h1></center>

<h3><a href="ProductDetails"> View all the Product details</a> </h3>

<form action=SearchProduct method="get">

Enter Product id to Search:<input type="number" placeholder="Enter product id" name="Prod\_id">

<input type="submit" name="Search">

</form>

</body>

</html>

**Product Details Code:**

package Project;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/ProductDetails")

public class ProductDetails extends HttpServlet {

private static final long serialVersionUID = 1L;

public ProductDetails() {

super();

// TODO Auto-generated constructor stub

}

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

try {

Connection con=DBConnection.getConnection();

String str= "select \* from Product";

Statement stmt= con.createStatement();

ResultSet rs=stmt.executeQuery(str);

PrintWriter out= response.getWriter();

out.print("<table border=1 cellpadding=10 cellspacing=0> <thead><tr>");

out.println("<caption><h1>Product Details</h1></caption>");

out.print("<th>ProductId</th><th>ProductName</th><th>Price</th><th>Quantity</th>");

out.print("<tr></thead>");

out.print("<tbody>");

while(rs.next())

{

out.print("<tr>");

out.print("<td>"+rs.getInt(1)+"</td>");

out.print("<td>"+rs.getString(2)+"</td>");

out.print("<td>"+rs.getFloat(3)+"</td>");

out.print("<td>"+rs.getInt(4)+"</td>");

out.print("</tr>");

}

con.close();

} catch (SQLException e) {

e.printStackTrace();

}

}

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**Searched Product code:**

package Project;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import java.sql.SQLException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/SearchProduct")

public class SearchProduct extends HttpServlet {

private static final long serialVersionUID = 1L;

public SearchProduct() {

// TODO Auto-generated constructor stub

}

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

int product\_id= Integer.parseInt(request.getParameter("Prod\_id"));

try {

Connection con=DBConnection.getConnection();

String str="Select \* from Product where Prod\_id=?";

PreparedStatement stmt= con.prepareStatement(str);

stmt.setInt(1, product\_id);

ResultSet rs= stmt.executeQuery();

PrintWriter out= response.getWriter();

out.println("<table width=75% border=1>");

out.println("<caption><h1>Detail of the Required product</h1></caption>");

ResultSetMetaData rsmd=rs.getMetaData();

int totalcolumn=rsmd.getColumnCount();

out.print("<tr>");

for(int i=1;i<=totalcolumn;i++)

{

out.print("<th>"+rsmd.getColumnName(i)+"</th>");

}

out.print("<tr>");

while(rs.next())

{

out.print("<tr>");

out.print("<td>"+rs.getInt(1)+"</td>");

out.print("<td>"+rs.getString(2)+"</td>");

out.print("<td>"+rs.getFloat(3)+"</td>");

out.print("<td>"+rs.getFloat(4)+"</td>");

out.print("</tr>");

}

out.print("</table>");

} catch (SQLException e) {

e.printStackTrace();

}

}

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

// TODO Auto-generated method stub

doGet(request, response);

}

}