Retrieving the Product Details Using the Product ID

Source code

**index.html**

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Product Details</**title**>

</**head**>

<**body**>

<**form** action=*"Select"* method =*post*>

Product ID <**input** type=*"text"* name=*"id"*><**br**>

<**input** type=*"submit"*>

</**form**>

</**body**>

</**html**>

**Product.java**

public class Product {

private int pid;

public int getPid() {

return pid;

}

public void setPid(int pid) {

this.pid = pid;

}

}

**Select.java**

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.ResultSet;

import java.sql.SQLException;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class Select extends HttpServlet {

private static final long serialVersionUID = 1L;

public Select() {

// TODO Auto-generated constructor stub

}

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

// TODO Auto-generated method stub

response.getWriter().append("Served at: ").append(request.getContextPath());

}

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

Product p =new Product();

p.setPid(Integer.parseInt(request.getParameter("id")));//int a=Integer.parseInt(request.getParameter("id"));

ProductDAO dao= new ProductDAO();

PrintWriter pw =response.getWriter();

try {

ResultSet rs=dao.retrive(p.getPid());

rs.next();

pw.println("P.ID P.NAME P.PRICE Stock\_availablity" );

pw.println(" "+rs.getInt(1)+" "+rs.getString(2)+" "+rs.getFloat(3)+" "+rs.getBoolean(4));

} catch (SQLException e) {

e.printStackTrace();

} catch (ClassNotFoundException e) {

e.printStackTrace();

}

}

}

**ProductDAO.java**

import java.sql.Connection;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

public class ProductDAO {

public ResultSet retrive(int pid) throws ClassNotFoundException, SQLException {

Connection con = DbUtil.getCon();

if(con!=null)

System.out.println("Connection is established");

else

System.out.println("Connection failed");

Statement st =con.createStatement();

String sql="select \* from product where pid="+pid;

ResultSet rs=st.executeQuery(sql);

return rs;

}

}

**DbUtil.java**

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

public class DbUtil {

public static final String DRIVER\_CLASS="com.mysql.jdbc.Driver";

public static final String DB\_URL="jdbc:mysql://localhost:3306/db4";

public static final String USERNAME="root";

public static final String PASSWORD="123456";

public static Connection getCon() throws SQLException, ClassNotFoundException {

Class.forName(DRIVER\_CLASS);

Connection con=DriverManager.getConnection(DB\_URL,USERNAME,PASSWORD);

return con;

}

}

Github Link:

https://github.com/ashwinbalaji44/Assignment.git