Dt : 9/11/2024(Day-38)

EditProduct.jsp(Edited Code)

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"
    import="test.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
AdminBean ab = (AdminBean)session.getAttribute("abean");
ProductBean pb = (ProductBean)request.getAttribute("pbean");
out.println("Page belongs to Admin:"+ab.getfName()+"<br>");
%>
<form action="update" method="post">
<input type="hidden" name="pcode" value=<%=pb.getCode() %>>
ProductPrice:<input type="text" name="price" value=<%=pb.getPrice() %>><br>
ProductQty:<input type="text" name="qty" value=<%=pb.getQty() %>><br>
<input type="submit" value="UpdateProduct">
</form>
</body>
</html>
```

UpdateProductDAO.java

```java
package test;
import java.sql.*;
public class UpdateProductDAO {
    public int k=0;
    public int updateProduct(ProductBean pb) {
      try {
            Connection con = DBConnection.getCon();
            PreparedStatement ps = con.prepareStatement
                        ("update Product67 set price=?,qty=? where code=?");
            ps.setFloat(1, pb.getPrice());
            ps.setInt(2, pb.getQty());
            ps.setString(3, pb.getCode());
            k = ps.executeUpdate();
      }catch(Exception e) {
            e.printStackTrace();
      }
      return k;
    }
}
```

```java
UpdateProductServlet.java

package test;

import java.io.*;

import java.util.*;

import jakarta.servlet.*;

import jakarta.servlet.http.*;

import jakarta.servlet.annotation.*;

@SuppressWarnings("serial")

@WebServlet("/update")

public class UpdateProductServlet extends HttpServlet

{

        @SuppressWarnings("unchecked")

        @Override

    protected void doPost(HttpServletRequest req,HttpServletResponse res)throws ServletException,

    IOException

    {

            HttpSession hs = req.getSession(false);//Accessing Existing Session

            if(hs==null) {

                    req.setAttribute("msg","Session Expired...<br>");

                    req.getRequestDispatcher("Msg.jsp").forward(req, res);

            }else {

                    ArrayList<ProductBean> al = (ArrayList<ProductBean>)hs.getAttribute("alist");

                    String pCode = req.getParameter("pcode");

                    Iterator<ProductBean> it = al.iterator();
```

```java
                while(it.hasNext()) {

                        ProductBean pb = (ProductBean)it.next();

                        if(pCode.equals(pb.getCode())) {

                                pb.setPrice(Float.parseFloat(req.getParameter("price")));

                                pb.setQty(Integer.parseInt(req.getParameter("qty")));

                                int k = new UpdateProductDAO().updateProduct(pb);

                                if(k>0) {

                                        req.setAttribute("msg","Product Updated
Successfully...<br>");

                                        req.getRequestDispatcher("UpdateProduct.jsp").forward(req,
res);

                                }//end of if

                                break;

                        }//end of if

                }//end of loop

        }

    }

}
```

UpdateProduct.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"
    import="test.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
AdminBean ab = (AdminBean)session.getAttribute("abean");
String msg = (String)request.getAttribute("msg");
out.println("Page belongs to Admin:"+ab.getfName()+"<br>");
```

```jsp
        out.println(msg);
%>
<a href="Product.html">AddProduct</a>
<a href="view">ViewAllProducts</a>
<a href="Logout">Logout</a>
</body>
</html>
```

LogoutServlet.java

```java
package test;

import java.io.*;

import jakarta.servlet.*;

import jakarta.servlet.http.*;

import jakarta.servlet.annotation.*;

@SuppressWarnings("serial")

@WebServlet("/logout")

public class LogoutServlet extends HttpServlet{

        @Override

 protected void doGet(HttpServletRequest req,HttpServletResponse res)throws ServletException,

 IOException

 {

        HttpSession hs = req.getSession(false);//Accessing Existing Session

        if(hs==null) {

                req.setAttribute("msg","Session Expired...<br>");

                req.getRequestDispatcher("Msg.jsp").forward(req, res);

        }else {

                hs.removeAttribute("abean");

                hs.removeAttribute("alist");

                hs.invalidate();
```

```java
            req.getRequestDispatcher("Logout.jsp").forward(req, res);

        }

    }

}
```

Logout.jsp

```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>Insert title here</title>
</head>
<body>
<%
out.println("Logged out Successfully...<br>");
%>
<%@include file="home.html"%>
</body>
</html>
```

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