

Validation of user login Source Code

Dashboard

```
package com.login.validation;

import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet("/dashboard")
public class Dashboard extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        HttpSession session = request.getSession();

        if(session.getAttribute("userName") != null &&
(session.getAttribute("userPass") != null)) {
            out.println("<h2> Welcome " +
session.getAttribute("userName"));

            out.println("<br /> You are now Logged in </h2>");

            out.println("<h3><a href = 'logout'>Logout</a></h3>");
        }
        else {
            response.sendRedirect("Index.html");
        }
    }

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

        doGet(request, response);
    }
}
```

Login:

```
package com.login.validation;
```

```
import java.io.IOException;
import java.io.PrintWriter;
```

```
import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
```

```
@WebServlet("/login")
```

```
public class Login extends HttpServlet {
    private static final long serialVersionUID = 1L;
```

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

```
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
```

```
        String username = request.getParameter("userName");
        String userpassword = request.getParameter("userPass");
```

```
        HttpSession theSession = request.getSession();
```

```
        if(username.trim().equals("Sadhana") &&
(userpassword.trim().equals("Sadhana@12345"))) {
            theSession.setAttribute("userName", username );
            theSession.setAttribute("userPass", userpassword);

            response.sendRedirect("dashboard");
        }
```

```
        else {
            out.println("<font color = 'red'>Invalid User Name or Password
</font>");

            RequestDispatcher dispatcher =
request.getRequestDispatcher("Index.html");
            dispatcher.include(request, response);
        }
```

```

        out.println("<a href = 'dashboard'>Next</a>");
    }

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

        doGet(request, response);
    }

}

```

Logout :

```

package com.login.validation;
import java.io.IOException;
import java.io.PrintWriter;

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("/logout")
public class Logout extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        request.getSession().invalidate();

        out.println("<h3> You are now Logged out <br /></h3>");

        out.println("<a href = 'Index.html'>Login again</a>");

    }

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

        doGet(request, response);
    }

}

```

Validation of user login.html :

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Validate User Login</title>
</head>
<body>

<h1 style = "text-align: center;">User Login</h1>
<hr />

<form action = "login">
<fieldset>
<legend>User Login Page</legend>
  <label>User Name:</label><br />
  <input type = "text" name = "userName" placeholder = "Enter User Name"
/><br /><br />

  <label>Password:</label><br />
  <input type = "Password" name = "userPass" placeholder = "Enter User
Password" /><br /><br />

  <input type = "submit" value = "Login" />

</fieldset>
</form>

</body>
</html>
```