Validation of the user login

Source code

Login.html

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Login Page</title>

</head>

<body>

<div align="center">

<h1>Welcome to the Login Page</h1>

<br/>

<br/>

<br/>

<form action="servlet1" method="get">

Username : <input name="username">

<br/>

Password : <input name="password">

<br/>

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

</div>

</form>

</body>

</html>

web.xml

<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee"

xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd" id="WebApp\_ID" version="2.5">

<display-name>LoginValidation</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<servlet>

<servlet-name>ULogin</servlet-name>

<servlet-class>validation.ULogin</servlet-class>

</servlet>

<servlet>

<servlet-name>Welcome</servlet-name>

<servlet-class>validation.Welcome</servlet-class>

</servlet>

<servlet>

<servlet-name>Logout</servlet-name>

<servlet-class>validation.Logout</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>ULogin</servlet-name>

<url-pattern>/servlet1</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>Welcome</servlet-name>

<url-pattern>/welcome</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>Logout</servlet-name>

<url-pattern>/logout1</url-pattern>

</servlet-mapping>

</web-app>

Welcome.java

package validation;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

public class Welcome extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Welcome() {

super();

// TODO Auto-generated constructor stub

}

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

String uname=request.getParameter("username");

PrintWriter out = response.getWriter();

out.println("Welcome to Login Page: "+uname);

HttpSession session=request.getSession();

PrintWriter pw = response.getWriter();

pw.print("<br><br><a href='logout1'>Logout of the page</a>");

pw.close();

}

}

ULogin.java

package validation;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class ULogin

\*/

public class ULogin extends HttpServlet {

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

PrintWriter out = response.getWriter();

out.println("<html><body>");

String uname = request.getParameter("username");

String pword =request.getParameter("password");

if("Ashwin".equals(uname) && "2528736".equals(pword))

{

RequestDispatcher rd = request.getRequestDispatcher("welcome");

rd.forward(request,response);

}

else{

RequestDispatcher rd = request.getRequestDispatcher("login.html");

rd.include(request, response);

out.println("<br>Invalid username or password");

}

out.println("</body></html>");

}

}

Logout.java

package validation;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class Logout

\*/

public class Logout extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Logout() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

HttpSession session=request.getSession(false);

PrintWriter pw = response.getWriter();

pw.print("<h1>Logged Out</h1>");

}

}

Github Link:

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