**PRACTICE PROJECT 1**

**Validation of the User Login**

**SOURCE CODE:**

**HTML FILE:**

**INDEX.HTML**

<!DOCTYPE html>

<html>

<head>

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

<title>User Login</title>

</head>

<body>

<form action=*"UserLoginPage"* method=*"Post"*>

<label>Name :</label>

<input type=*"text"* name=*"userName"* placeholder=*"UserName"* ><br>

<label>Password :</label>

<input type=*"text"* name=*"userPassword"* placeholder=*"Password"*><br>

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

</form>

</body>

</html>

**JAVA FILE:**

**DASHBOARD.JAVA**

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("/Dashboard")

public class Dashboard extends HttpServlet {

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

response.setContentType("text/html");

response.getWriter().println("Welcome "

+ request.getParameter("userName")+"! ");

response.getWriter().println("<br/>You Logged In Successfully");

PrintWriter out = response.getWriter();

out.println("<br/><a href=\"UserLogOut\">LogOut Here...</a>");

}

}

**USERLOGINPAGE.JAVA**

import java.io.IOException;

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;

@WebServlet("/UserLoginPage")

public class UserLoginPage extends HttpServlet {

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

// Set the content type

response.setContentType("text/html");

String userName = request.getParameter("userName");

String userPassword = request.getParameter("userPassword");

if(userName.equals("Arul") && userPassword.equals("JavaFSD")) {

RequestDispatcher dispatcher = request.getRequestDispatcher("Dashboard");

dispatcher.forward(request, response);

}

else {

response.getWriter().println("Invalid Username or password!!!");

// Get the RequestDispatcher object

RequestDispatcher dispatcher = request.getRequestDispatcher("/Index.html");

// Forward the request

dispatcher.include(request, response);

}

}

}

**LOGOUT.JAVA:**

import java.io.IOException;

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("/UserLogOut")

public class UserLogOut extends HttpServlet{

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

HttpSession session = request.getSession();

session.invalidate();

response.sendRedirect("Index.html");

}

}