Source Code for User Validation

HTML Pages

Login.html-

<!**DOCTYPE** html>

<**html**>

<**head**>

<**title**>Login</**title**>

</**head**>

<**body**>

<**h1**>Login</**h1**>

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

<**label** for=*"username"*>Username:</**label**>

<**input** type=*"text"* id=*"username"* name=*"username"* required><**br**>

<**label** for=*"password"*>Password:</**label**>

<**input** type=*"password"* id=*"password"* name=*"password"* required><**br**>

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

</**form**>

</**body**>

</**html**>

Error.html-

<!**DOCTYPE** html>

<**html**>

<**head**>

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

<**title**>Insert title here</**title**>

</**head**>

<**body**>

<**h1**> Invalid Credentials ! Please try Again</**h1**>

</**body**>

</**html**>

Servlets

LoginServlet-

import java.io.IOException;

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 LoginServlet extends HttpServlet {

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private static final long ***serialVersionUID*** = 1L;

private static final String ***USERNAME*** = "admin";

private static final String ***PASSWORD*** = "pass";

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

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

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

if (username.equals(***USERNAME***) && password.equals(***PASSWORD***)) {

HttpSession session = request.getSession();

session.setAttribute("username", username);

response.sendRedirect("DashboardServlet");

} else {

response.sendRedirect("Error.html");

}

}

}

DashBoardServlet-

import java.io.IOException;

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 DashboardServlet extends HttpServlet {

/\*\*

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private static final long ***serialVersionUID*** = 1L;

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

HttpSession session = request.getSession(false);

if (session != null && session.getAttribute("username") != null) {

response.setContentType("text/html");

response.getWriter().println("<h1>Welcome to the Dashboard!</h1>");

response.getWriter().println("<a href=\"LogoutServlet\">Logout</a>");

} else {

response.sendRedirect("login.html");

}

}

}

LogoutServlet-

import java.io.IOException;

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 LogoutServlet extends HttpServlet {

/\*\*

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private static final long ***serialVersionUID*** = 1L;

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

HttpSession session = request.getSession(false);

if (session != null) {

session.invalidate();

}

response.sendRedirect("login.html");

}

}