**SERVLET CODE:**

**LOGIN:**

**package** phase2nonassistedprojects;

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 {

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

// Set the content type

response.setContentType("text/html");

// Get the writer

PrintWriter out = response.getWriter();

// Get the userName from the request

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

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

// Get a reference to the HttpSession object

HttpSession theSession = request.getSession();

// Validate the username

if(uName.trim().equals("kalpanapoluboina") && userPassword.trim().equals("987456")) {

// Save the username in the session

theSession.setAttribute("userName", uName);

theSession.setAttribute("userPassword", userPassword);

// Redirect to the Dashboard

response.sendRedirect("dashboard");

}

else {

out.println("<font color='red'>Invalid username or password...</font>");

RequestDispatcher dispatcher = request.getRequestDispatcher("index.html");

dispatcher.include(request, response);

}

}

}

**LOGOUT CODE:**

**package** phase2nonassistedprojects;

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 {

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

// Invalidate the session here

request.getSession().invalidate();

out.println("<h2>You are now logged out...<br>");

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

}

}

**DASHBOARD:**

**package** phase2nonassistedprojects;;

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");

HttpSession session = request.getSession();

PrintWriter out = response.getWriter();

// Check whether the session already exists

if (session.getAttribute("userName") != null) {

out.println("<h3>Welcome " + session.getAttribute("userName"));

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

out.println("<p><h4><a href='logout'>LOGOUT</a></h4>");

}

else {

response.sendRedirect("index.html");

}

}

}

**HTML CODE:**

<!DOCTYPE html>

<html>

<head>

<title>User Login</title>

</head>

<body>

<form action = *"login"*>

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

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

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

</form>

</body>

</html>