Tracking using HTTP session

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>HTTPSession Demo</**title**>

</**head**>

<**body**>

<**a** href=*"login?userid=admin"*>Dashboard with Session based login</**a**><**br**>

<**a** href=*"dashboard"*>Dashboard without Session based login</**a**>

</**body**>

</**html**>

import java.io.\*;

import javax.servlet.\*;

import javax.servlet.annotation.\*;

import javax.servlet.http.\*;

/\*\*

\* Servlet implementation class LoginServlet

\*/

*@WebServlet*("/LoginServlet")

public class LoginServlet extends HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

public LoginServlet() {

super();

// **TODO** Auto-generated constructor stub

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

String userId = request.getParameter("userid");

HttpSession session=request.getSession();

session.setAttribute("userid", userId);

response.sendRedirect("dashboard");

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

doGet(request, response);

}

}

import java.io.\*;

import javax.servlet.\*;

import javax.servlet.annotation.\*;

import javax.servlet.http.\*;

/\*\*

\* Servlet implementation class Dashboard

\*/

*@WebServlet*("/Dashboard")

public class Dashboard extends HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

public Dashboard() {

super();

// **TODO** Auto-generated constructor stub

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

PrintWriter out = response.getWriter();

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

HttpSession session=request.getSession(false);

String userId = null;

if (session.getAttribute("userid") != null)

userId =(String)session.getAttribute("userid");

if (userId == null ) {

out.println("No UserId was found in session.<br>");

} else {

out.println("UserId obtained from session :" + userId + "<br>");

}

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

}

/\*\*

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

\*/

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

// **TODO** Auto-generated method stub

doGet(request, response);

}

}

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

<**web-app** xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"* id=*"WebApp\_ID"* version=*"4.0"*>

<**display-name**>HTTPSessionDemo</**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**>LoginServlet</**servlet-name**>

<**servlet-class**>LoginServlet</**servlet-class**>

</**servlet**>

<**servlet**>

<**servlet-name**>Dashboard</**servlet-name**>

<**servlet-class**>Dashboard</**servlet-class**>

</**servlet**>

<**servlet-mapping**>

<**servlet-name**>Dashboard</**servlet-name**>

<**url-pattern**>/dashboard</**url-pattern**>

</**servlet-mapping**>

<**servlet-mapping**>

<**servlet-name**>LoginServlet</**servlet-name**>

<**url-pattern**>/login</**url-pattern**>

</**servlet-mapping**>

</**web-app**>

</**servlet-mapping**>

<**servlet-mapping**>

<**servlet-name**>LoginServlet</**servlet-name**>

<**url-pattern**>/login</**url-pattern**>

</**servlet-mapping**>

</**web-app**>