**Source Code for UserLogInValidaion**:

**1.DashboardServlet**:

package project;

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 DashboardServlet extends HttpServlet {

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

PrintWriter out= resp.getWriter();

//neededto read html type

resp.setContentType("text/html");

HttpSession session= req.getSession(false);

if(session!=null) {

String userFromSession=(String) session.getAttribute("email");

if(userFromSession!=null) {

out.print("User Exist "+userFromSession);

out.print("<a href='logout'>Logout</a>");

}

}

else {

out.print("Kindly Login First");

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**2.LoginServlet:**

package project;

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("/login")

public class LoginServlet extends HttpServlet{

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

PrintWriter out= resp.getWriter();

resp.setContentType("text/html");

String email =req.getParameter("userid");

String password =req.getParameter("pass");

//add user in the session once the login is done

if(email.equalsIgnoreCase("mouni@gmail.com") && password.equalsIgnoreCase("mouni@1305")) {

HttpSession session=req.getSession();

session.setAttribute("email", email);

session.setAttribute("pass", password);

resp.sendRedirect("dashboard");

}

else {

resp.sendRedirect("index.html");

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**3.LogoutServlet:**

package demo;

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("/logout")

public class LogoutServlet extends HttpServlet {

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

PrintWriter out=resp.getWriter();

HttpSession session= req.getSession(false);

if(session!=null) {

session.invalidate();

out.print("Logged Out Successfully");

}

else {

out.print("Kindly login First");

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**4.index.html:**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action="login" method="post">

<input type="text" name="userid" placeholder="enter your email">

<br>

<input type="password" name="pass" placeholder="enter your password">

<br>

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

</form>

</body>

</html>