**Source\_Code\_For\_Validation\_For\_User\_Login**

**LoginServlet :**

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

@WebServlet("/LoginServlet")

public class LoginServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

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

String userEmail = request.getParameter("email");

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

String correctEmail = "user@example.com";

String correctPassword = "password123";

if (userEmail.equals(correctEmail) && userPassword.equals(correctPassword)) {

response.sendRedirect("dashboard.html");

} else {

response.sendRedirect("error.html");

}

}

}

**LogoutServlet :**

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

@WebServlet("/LogoutServlet")

public class LogoutServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

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

request.getSession().invalidate();

response.sendRedirect("login.html");

}

}

**Login.html :**

<!DOCTYPE html>

<html>

<head>

<title>Login Page</title>

</head>

<body>

<h2>Login</h2>

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

<label for="email">Email:</label>

<input type="email" id="email" name="email" required><br>

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

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

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

</form>

</body>

</html>

**Dashboard.html :**

<!DOCTYPE html>

<html>

<head>

<title>Dashboard</title>

</head>

<body>

<h2>Welcome to the Dashboard</h2>

<br><br>

<a href="LogoutServlet">Logout</a>

</body>

</html>

**Error.html:**

<!DOCTYPE html>

<html>

<head>

<title>Error</title>

</head>

<body>

<h2>Error: Invalid Login</h2>

<p>Please check your Email or password and try again.</p>

<br>

<a href="login.html">Go back to Login</a>

</body>

</html>