Web Programming

Laboratory Weekly Report

Week 8

**JSP**

Aim: To design a functional library management system

Techniques Used: JSP

Procedure:

This program uses a .jsp file to display the days time and date.

The program is run on the apache tomcat server.

Screenshots:

Login Page:

Graphical user interface, application, Word

Description automatically generated

Failed Login:

Shape

Description automatically generated

Successful Login:

A picture containing graphical user interface

Description automatically generated

Code for Login.jsp:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Login</title>

<link rel="stylesheet" href="style.css" type="text/css"></link>

<script src="validate.js"></script>

</head>

<body>

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

<table>

<tr>

<td>UserName:</td>

<td><input type="text" name="uname" class="inputbox"/></td>

</tr>

<tr>

<td>Passcode:</td>

<td><input type="password" name="passcode" class="inputbox"/></td>

</tr>

<tr>

<td></td>

<td><input type="submit" value="Submit" class="submitButton"/></td>

</tr>

</table>

</form>

</body>

</html>

Code for LoggedIn.jsp:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Loggedin</title>

<style>

body{

background-color: #CCCCCC;

}

</style>

</head>

<body>

Welcome User!

</body>

</html>

Code for Error.jsp:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Error</title>

<style>

body{

background-color: #CCCCCC;

}

</style>

</head>

<body>

Unsuccessful login

</body>

</html>

Code for CheckLogin.java:

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class CheckLogin

\*/

@WebServlet("/CheckLogin")

public class CheckLogin extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

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

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

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

if (uname.isEmpty() || passcode.isEmpty() ) {

response.sendRedirect("Login.jsp");

}

else if (uname.equals("trrohith") &&passcode.equals("123456")) {

response.sendRedirect("Loggedin.jsp");

}

else {

response.sendRedirect("Error.jsp");

}

}

}