**Java Web开发**

**实验八**

**作业报告**

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| --- | --- |
| 学 院 | 计算机 |
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# 实验题目

# 请用模型2MVC模式完成1个功能，功能自选，例如：登录、注册、发帖、计算税收等；

# 分析与设计

# 关键源码（部分）

index.jsp

<%@ page language=*"java"* import=*"java.util.\*"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<head>

<title>首页</title>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<link rel=*"stylesheet"* href=*"bootstrap/bootstrap.min.css"*>

<script src=*"bootstrap/jquery.min.js"*></script>

<script src=*"bootstrap/popper.min.js"*></script>

<script src=*"bootstrap/bootstrap.min.js"*></script>

</head>

<body>

<%**if** (session.getAttribute("user")==**null**){%>

<div class=*"alert alert-warning"*>

<strong>您还没有注册，</strong>请<a href=*"login.jsp"* class=*"alert-link"*>注册</a>。

</div>

<%}**else**{%>

<div class=*"alert alert-success"*>

<strong>恭喜您，</strong>用户${user.userName}，登陆成功。<br>

您的邮箱是：${user.userMail}

</div>

<%} %>

</body>

</html>

login.jsp

<%@ page language=*"java"* import=*"java.util.\*"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<head>

<title>注册页面</title>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<link rel=*"stylesheet"* href=*"bootstrap/bootstrap.min.css"*>

<script src=*"bootstrap/jquery.min.js"*></script>

<script src=*"bootstrap/popper.min.js"*></script>

<script src=*"bootstrap/bootstrap.min.js"*></script>

</head>

<body>

<div class=*"container"* align=*"center"* style="width:*700px*;">

<form method=*post* name=*form* action=*"loginServlet"*>

<div class=*"container"*>

<h3 class=*"text-left"*>请输入下列信息:</h3>

</div>

<div class=*"input-group mb-3"* style="width:*700px*;">

<div class=*"input-group-prepend"*>

<span class=*"input-group-text"* style="width:*100px*;">用户名</span>

</div>

<input type=*"text"* class=*"form-control"* placeholder=*"Name"* name=*"name"*>

<div style="width:*200px*;"></div>

</div>

<div class=*"input-group mb-3"* style="width:*700px*;">

<div class=*"input-group-prepend"*>

<span class=*"input-group-text"* style="width:*100px*;">邮箱</span>

</div>

<input type=*"text"* class=*"form-control"* placeholder=*"Mail"* name=*"mail"*>

<front class=*"text-danger"* style="width:*200px*;">${requestScope.mailMsg}</front>

</div>

<div class=*"input-group mb-3"* style="width:*700px*;">

<div class=*"input-group-prepend"*>

<span class=*"input-group-text"* style="width:*100px*;">密码</span>

</div>

<input type=*"text"* class=*"form-control"* placeholder=*"Password"* name=*"psd"*>

<front class=*"text-danger"* style="width:*200px*;">${requestScope.psdMsg}</front>

</div>

<div class=*"input-group mb-3"* style="width:*700px*;">

<div class=*"input-group-prepend"*>

<span class=*"input-group-text"* style="width:*100px*;">确认密码</span>

</div>

<input type=*"text"* class=*"form-control"* placeholder=*"Confirm Password"* name=*"ppsd"*>

<front class=*"text-danger"* style="width:*200px*;">${requestScope.equalsMsg}</front>

</div>

<button type=*"submit"* class=*"btn btn-primary"*>注册用户</button>

</from>

</div>

</body>

</html>

loginServlet.java

package SERVLET;

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;

import javax.servlet.http.HttpSession;

import CLASS.User;

@WebServlet("/loginServlet")

public class loginServlet extends HttpServlet {

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

HttpSession session=request.getSession();

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

name = new String(name.getBytes("ISO-8859-1"),"UTF-8");

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

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

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

User user=new User(name, psd, ppsd, mail);

if(user.isEmail()) {

if(user.isPsd()) {

if(user.psdEquals()) {

session.setAttribute("user", user);

response.sendRedirect("index.jsp");

}

else {

request.setAttribute("equalsMsg","两次输入的密码不一致");

request.getRequestDispatcher("login.jsp").forward(request, response);

}

}

else {

request.setAttribute("psdMsg","密码输入的格式不正确");

request.getRequestDispatcher("login.jsp").forward(request, response);

}

}

else {

request.setAttribute("mailMsg","邮箱输入的格式不正确");

request.getRequestDispatcher("login.jsp").forward(request, response);

}

}

}

User.java

**package** CLASS;

**public** **class** User {

**private** String userName; //用户名

**private** String userPassword;//用户密码

**private** String userPpassword; //用户确认密码

**private** String userMail; //用户邮箱

**public** User(String userName, String userPassword, String userPpassword, String userMail) {

**this**.userName = userName;

**this**.userPassword = userPassword;

**this**.userPpassword = userPpassword;

**this**.userMail = userMail;

}

**public** String getUserName() {

**return** userName;

}

**public** String getUserPassword() {

**return** userPassword;

}

**public** String getUserPpassword() {

**return** userPpassword;

}

**public** String getUserMail() {

**return** userMail;

}

**public** **boolean** psdEquals() {

**if**(userPassword.equals(userPpassword))

**return** **true**;

**else**

**return** **false**;

}

**public** **boolean** isEmail() {

**if**(userMail.matches("\\w+([-+.]\\w+)\*@\\w+([-.]\\w+)\*\\.\\w+([-.]\\w+)\*"))

**return** **true**;

**else**

**return** **false**;

}

**public** **boolean** isPsd() {

**if**(userPassword.length()==userPassword.getBytes().length&&userPassword.length()>=8)

**return** **true**;

**else**

**return** **false**;

}

}

# 运行效果图







# 收获与问题