**Java Web开发**

**实验八**

**作业报告**

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| --- | --- |
| 学 院 | 计算机 |
| 所在系 班 级 | 2017软件工程系8班 |
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| 完 成 时 间 | 2018年5月10日 |

# 实验题目

1. 实验目标：
2. 理解MVC模式的基本思想；
3. 理解两种模型：模型1及模型
4. 熟练掌握MVC模式的编程。
5. 实验内容：
6. 1、（必做）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；

# 关键源码（部分）

Register.java

**package** exam8;

**public** **class** ReGister

{

**private** String username;

**private** String password;

**private** String sex;

**private** String phoneNum;

**private** String year;

**private** String confirmedpasswd;

**public** String getusername()

{

**return** username;

}

**public** **void** setusername(String username)

{

**this**.username=username;

}

**public** String getpassword()

{

**return** password;

}

**public** **void** setpassword(String password)

{

**this**.password=password;

}

**public** String getconfirmedpasswd()

{

**return** confirmedpasswd;

}

**public** **void** setconfirmedpasswd(String confirmedpasswd)

{

**this**.confirmedpasswd=confirmedpasswd;

}

**public** String getsex()

{

**return** sex;

}

**public** **void** setsex(String sex)

{

**this**.sex=sex;

}

**public** String getyear()

{

**return** year;

}

**public** **void** setyear(String year)

{

**this**.year=year;

}

**public** String getphoneNum()

{

**return** phoneNum;

}

**public** **void** setphoneNum(String phoneNum)

{

**this**.phoneNum=phoneNum;

}

**public** String toString()

{

**return** "username:"+username+",sex:"+sex+",year:"+year+",phoneNum:"+phoneNum;

}

**public** **boolean** success(String phoneNum)

{

**if**(phoneNum.length()==11)

{

**return** **true**;

}

**else**

{

**return** **false**;

}

}

**public** **boolean** success1(String password,String confirmedpasswd )

{

**if**(password.equals(confirmedpasswd))

{

**return** **true**;

}

**else**

{

**return** **false**;

}

}

}

zhuce.java

package exam8;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.ArrayList;

import java.util.List;

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 exam8.\*;

@WebServlet("/zhuce.view")

public class Zhuce extends HttpServlet {

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

List<String> errors=new ArrayList<String>();

HttpSession session=request.getSession();

PrintWriter out=response.getWriter();

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

String phoneNum=request.getParameter("phone");

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

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

ReGister s0=new ReGister();

if(!s0.success(phoneNum))

{

errors.add("电话号码长度不正确，必须为11位");

session.setAttribute("errors", errors);

}

if(!s0.success1(password,confirmedpasswd))

{

errors.add("密码和确认密码不相等");

session.setAttribute("errors", errors);

}

if(!errors.isEmpty())

{

response.sendRedirect("false.jsp");

}else{

session.setAttribute("username", username);

session.setAttribute("password", password);

response.sendRedirect("true.jsp");

}

}

}

false.jsp

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

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

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

<html>

<head>

</head>

<body>

<%

List<String> list=(List<String>)session.getAttribute("errors");

%>

<%**for**(**int** i=0;i<list.size();i++)

{%>

<h1><%= list.get(i)%></h1>

<% }

%>

注册失败 <br>

<a href=*"register.jsp"*>返回注册页面</a>

</body>

</html>

true.jsp

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

<%@ page import=*"exam8.\*"*%>

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

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

<html>

<body>

<p>注册成功!</p>

</body>

</html>

Register.jsp

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

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

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

<html>

<head>

<title>注册页面</title>

</head>

</script>

<body>

<form action=*"zhuce.view"* method=*"post"* >

<table height=*"60%"* align=*"center"* width=*"25%"*>

<tr>

<td>用户名:</td>

<td><input type=*"text"* name=*"username"* class=*"ry"* id=*"username"* placeholder=*"请输入用户名"*></td>

</tr>

<tr>

<td>密码:</td>

<td><input type=*"password"* name=*"password"* class=*"ry"* id=*"password"* placeholder=*"请输入密码"*></td>

</tr>

<tr>

<td>确认密码:</td>

<td><input type=*"password"* name=*"confirmedpasswd"* class=*"ry"* id=*"confirmedpasswd"* placeholder=*"请确认输入密码"*></td>

</tr>

<tr>

<td>性别:</td>

<td>男<input type=*"radio"* name=*"sex"* value=*"男生"* checked=*"checked"*> 女<input type=*"radio"* name=*"sex"* value=*"女生"*></td>

</tr>

<tr>

<td>年龄:</td>

<td><input type=*"text"* name=*"year"* class=*"ry"* id=*"year"*> </td>

</tr>

<td>电话:</td>

<td><input type=*"text"* name=*"phone"* class=*"ry"* id=*"email"*> </td>

</tr>

<tr>

<td><input type=*"reset"* value=*"重置"*></td>

<td><input type=*"submit"* value=*"注册"*></td>

</tr>

</table>

</form>

</body>

</html>

# 运行效果图





