**Java Web开发**

**实验四**

**作业报告**

|  |  |
| --- | --- |
| 学 院 | 计算机 |
| 所在系 班 级 | 2017软件工程系\*\*班 |
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# 实验题目

将实验三的三题进行改写，在Servlet控制器中获取信息，验证后根据具体情况跳转到对应页面，成功请求转发到成功页面，否则重定向跳转到失败页面（可将动态验证码添加在页面上）

* 登录页面，提交用户名、密码及身份

改写一：支持中文，确保两种表单提交方式（get、post）都支持中文，另外对程序的空对象情况进行处理。

改写二：比如登录页面除了之前的用户名、密码另外再加上所在专业（计算机、软件工程及网络工程，单选框或下拉列表框皆可），登录成功后根据身份进行跳转，进入对应的页面，页面需显示\*\*\*\*专业学号姓名。登录失败转向失败页面，并进行报错！

# 关键源码（部分）

package register;

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 java.util.\*;

/\*\*

\* Servlet implementation class Form

\*/

@WebServlet("/Form.do")

public class Form extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Form() {

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

request.setCharacterEncoding("utf-8");

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

// email= new String(email.getBytes("ISO-8859-1"),"BIG5");

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

// password= new String(password.getBytes("ISO-8859-1"),"BIG5");

// String radio=request.getParameter("radio");

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

try

{

if(email.equals(""))

errors.add("没有输入邮箱账号");

if(password.equals(""))

errors.add("没有输入密码");

}catch(Exception e)

{

throw new ServletException("non request or response");

}

if(email.length()<6||email.length()>8)

errors.add("用户名长度不符合长度限制");

if(password.length()!=6)

errors.add("密码长度不为6位");

if(!errors.isEmpty())

{

HttpSession session = request.getSession(true);

session.setAttribute("errors",errors);

response.sendRedirect("/Form/html/fail.jsp");

}

else

{

request.getRequestDispatcher("/html/success.jsp").forward(request,response);

}

}

}

<!DOCTYPE html>

<html>

<head>

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

<title>register</title>

</head>

<body>

<h1 align =*"center"*>注册邮箱</h1>

<form method=*"post"* action =*"/Form/Form.do"* onclick="**return** check(this)">

<h1 align =*"center"*>

邮箱账号&ensp;:<input type=*"text"* name=*"email"*></input><br>

您的密码&ensp;:<input type=*"text"* name=*"password"*></input><br>

<tr>

<td>&ensp;&ensp;&ensp;&ensp;&ensp;&ensp;您所在的专业&ensp;:<br></td>

<td><input type=*"radio"* name=*"radio"* value=*"软件工程"* checked=*"checked"* />软件工程&ensp;

<input type=*"radio"* name=*"radio"* value=*"计算机"* checked=*"checked"* />计算机&ensp;

<input type=*"radio"* name=*"radio"* value=*"网络工程"* checked=*"checked"* />网络工程</td>

</tr>

<br>

<input type=*"submit"* value=*"提交"*>

</h1>

</form>

</body>

</html>

<%@ page language=*"java"* contentType=*"text/html; charset=utf-8"*

pageEncoding=*"utf-8"*%>

<%@ page import =*"java.util.\*"* %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=utf-8"*>

<title>Insert title here</title>

</head>

<body>

<%

request.setCharacterEncoding("utf-8");

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

out.print(radio); %>

<h1>恭喜您！您的邮箱注册成功</h1>

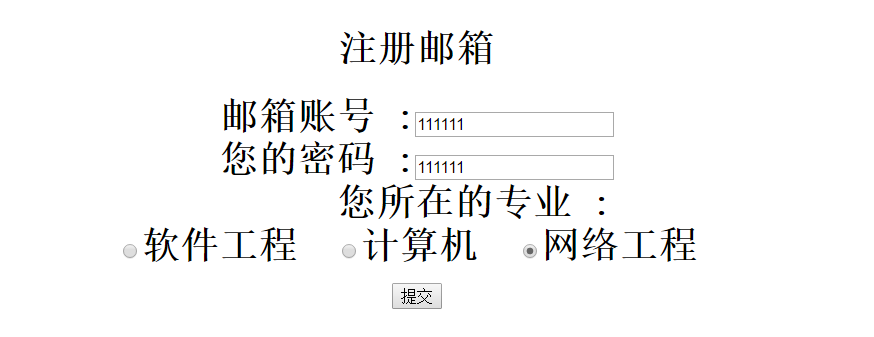
<input type =*"button"* value =*"确定"* onclick ="location =' /Form/html/register.html'">

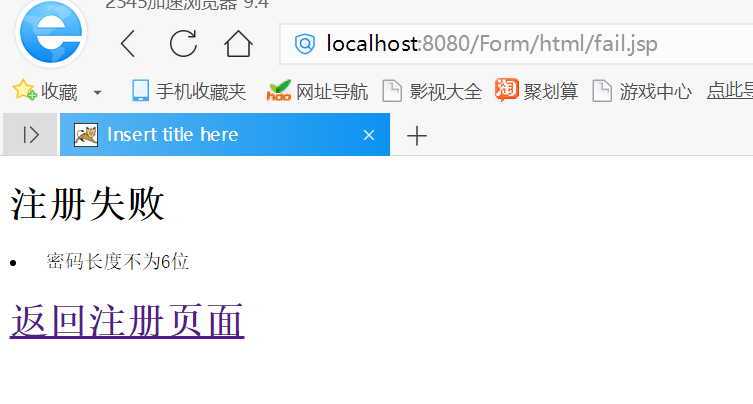
</body>

</html>

# 运行效果图







# 收获与问题

又是一个下午过去了