**Java Web 开发**

**实验四**

**作业报告**

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| **学院** | **计算机** |
| **所在系 班 级** | **2017软件工程系1707班** |
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| **完成时间** | **2019年3月27日** |

1. **实验题目**

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！

1. **分析与设计**

创建register.java、success.java、error.java文件，设计Login.html网页，将.java文件发布到Tomcat服务器上。

1. **关键源码**

**Register.java代码：**

import java.io.IOException;

import java.io.PrintWriter;

import java.util.\*;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.annotation.WebServlet;

@WebServlet("/register.do")

public class register extends HttpServlet {

private final String SUCCESS\_VIEW = "success.do";

private final String ERROR\_VIEW = "error.view";

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

request.setCharacterEncoding("UTF-8");

response.setContentType("text/html;charset=UTF-8");

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

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

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

if(username.length()!=0&&password.length()!=0)

{

request.setAttribute("username", username);

request.setAttribute("password", password);

request.setAttribute("id", id);

request.getRequestDispatcher(SUCCESS\_VIEW).forward(request, response);

}

else

{

request.getRequestDispatcher(ERROR\_VIEW).forward(request, response);

}

}

}

**success.java代码：**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/success.do")

public class success extends HttpServlet {

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

request.setCharacterEncoding("UTF-8");

String username = request.getAttribute("username").toString();

String password = request.getAttribute("password").toString();

String id = request.getAttribute("id").toString();

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

out.println("<HTML>");

out.println(" <HEAD><TITLE>A Servlet</TITLE></HEAD>");

out.println(" <BODY>");

out.println(" <h1>您好</h1>");

out.println("<h3>"+request.getParameter("id")+"专业</h3>");

out.println("<h3>学号： "+request.getParameter("password")+"</h3>");

out.println("<h3>姓名： "+request.getParameter("username")+"</h3>");

out.println("<h2>登陆成功！</h2>");

out.println(" </BODY>");

out.println("</HTML>");

out.flush();

out.close();

}

}

**error.java代码：**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/error.view")

public class error extends HttpServlet {

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

out.println("<HTML>");

out.println(" <HEAD><TITLE>A Servlet</TITLE></HEAD>");

out.println(" <BODY>");

out.print("<h1>抱歉，登陆失败！请返回检查用户名与密码是否正确。</h1>");

out.print("<h6><a href ='Login.html'>返回首页</a></h6>");

out.println(" </BODY>");

out.println("</HTML>");

out.flush();

out.close();

}

}

**Login.html代码：**

<body>

<form method='post' action = 'register.do'>

<h2 align="CENTER">登陆页面</h2>

<table border="0" align="CENTER">

<tr>

<th align="right">用户名&nbsp;&nbsp;&nbsp;</th>

<th align="left"><input type="text" name = username></th>

</tr>

<tr>

<th align="right">密码&nbsp;&nbsp;&nbsp;</th>

<th align="left"><input type="password" name = password></th>

<tr>

<tr>

<th align="right">所在专业&nbsp;&nbsp;&nbsp;</th>

<th align="left">

<select name = "id">

<option value ="计算机">计算机</option>

<option value ="软件工程">软件工程</option>

<option value ="网络工程">网络工程</option>

<option value ="信息管理">信息管理</option>

</select>

</th>

<tr>

<tr>

<th align="right">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</th>

<th align="left"><input type="submit" value="立即登陆" /></th>

</tr>

</body>

</html>

**4、运行效果图：**





