**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6班 |
| 学 号 姓 名 | 04171427詹明 |
| 指 导 教 师 | 罗永升 |
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# 实验题目

用模型2mvc模式完成登陆功能

# 分析与设计

设计类以及连接数据库，运用mvc模式实现登陆

# 关键源码（部分）

Loginservlet.java:

package com.controller;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import com.entity.User;

import com.service.UserService;

public class LoginServlet extends HttpServlet {

private UserService service = new UserService();

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doPost(request,response);

}

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

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

User user = new User(username,password);

if(service.login(user)){

response.sendRedirect("success.jsp");

}else{

response.sendRedirect("fail.jsp");

}

}

}

User.java:

**package** com.entity;

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

**private** Long id;

**private** String userName;

**private** String password;

**private** Integer age;

**private** String gender;

**private** String address;

**public** User(String username2, String password2) {

// **TODO** Auto-generated constructor stub

}

**public** Long getId() {

**return** id;

}

**public** **void** setId(Long id) {

**this**.id = id;

}

**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** Integer getAge() {

**return** age;

}

**public** **void** setAge(Integer age) {

**this**.age = age;

}

**public** String getGender() {

**return** gender;

}

**public** **void** setGender(String gender) {

**this**.gender = gender;

}

**public** String getAddress() {

**return** address;

}

**public** **void** setAddress(String address) {

**this**.address = address;

}

/\*\*

\* **@param** args

\*/

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

}

}

**Userservice.java:**

**package** com.service;

**import** com.dao.UserDao;

**import** com.entity.User;

**public** **class** UserService {

**private** UserDao dao = **new** UserDao();

**public** **boolean** login(User user){

Long result = dao.queryUserByNamePwd(user.getUserName(),user.getPassword());

**return** result > 0;

}

}

Userdao.java:

**package** com.dao;

**import** java.sql.SQLException;

**import** com.utils.DBUtils;

**public** **class** UserDao {

**public** Long queryUserByNamePwd(String username,String password){

String sql = "select count(\*) fromt\_user where UserName = ? and Password = ?";

**try** {

**return** (Long) DBUtils.excuteScalar(sql,username,password);

} **catch** (Exception e) {

e.printStackTrace();

}

}

}

Login.jsp:

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

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

<html>

<head>

<title>登陆(MVC模式)</title>

</head>

<body>

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

<fieldset>

<legend>登陆</legend>

请输入账户：<input type=*"text"* name=*"username"* ><br><br>

请输入密码：<input type=*"password"* name=*"password"*><br><br>

<input type=*"submit"* value=*"登陆"* name=*"submit"*>

</fieldset>

</form>

</body>

</html>

Success.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>登录成功页面</title></head>

<body>

<p align=*"center"*>登录成功</p >

</body>

</html>

Fail.jsp:

<span style="font-family: *Calibri*; background-color: *rgb(255, 255, 255)*;"></span><pre name=*"code"* class=*"html"*><%@ 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>登录失败页面</title></head>

<body>

<p align=*"center"*>登录失败 <a href = *"login.jsp"*>请重新登录</a>

</p >

</body>

# 运行效果图





# 收获与问题

在程序实现过程中，遇到过很多次有问题的地方,该次实验还是很多地方不足，有待提升。