江南大学

课 程 设 计 报 告

题 目： 邮局订报系统

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# 1系统概述

随着科学技术的发展，报纸订阅量的增多，和对人力资源管理意识的提高，传统的邮局订报管理模式很难以较低的成本和较快的速度解决订报问题，企业迫切需要使用新的管理方法与技术来管理顾客订报的相关信息。本系统在极大简化的情况下，想要体现邮局订报管理系统的基本雏形，想要体现Java技术在传统C/S模式、多窗体方式下数据库应用系统的开发方法。本系统的设计与实现能充分体现出Java的编程技术，特别是Java操作数据库数据的技术。

# **2**系统设计

## 2.1开发环境与开发工具

系统开发环境为局域网或广域网网络环境，网络中有一台服务器.上安装SQL Server 2014数据库管理系统，本系统采用Java 语言设计实现，使用jdk11.0l.7及Eclipse Version: 2020-06 (4.16.0)为开发工具，服务器操作系统为64位Windows 10。

## 2.2系统需求分析

设计本系统模拟客户在邮局订购报纸的管理内容，包括查询报纸、订报纸、开票、付钱结算、订购后的查询、统计等的处理情况，简化的系统需要管理的情况如下 ：

系统的用户管理:包括用户的添加、删除、修改，设定用户权限;

报纸的信息管理:包括报纸基本信息的查询、添加、删除、修改;

客户的信息管理:包括客户基本信息的查询、添加、删除、修改;

订报的信息管理：包括订报信息的查询、添加、删除、修改，统计应缴费用;

## 2.3功能需求分析

### 2.3.1系统功能的描述

邮局订报管理系统按如上所假设，管理功能是比较简单的，主要实现了对报纸，员工，订阅信息的管理，具体管理功能有添加、修改、删除、查询、.统计等。系统功能布局见图1系统功能模块图如下所示。

### 2.3.2系统功能模块图

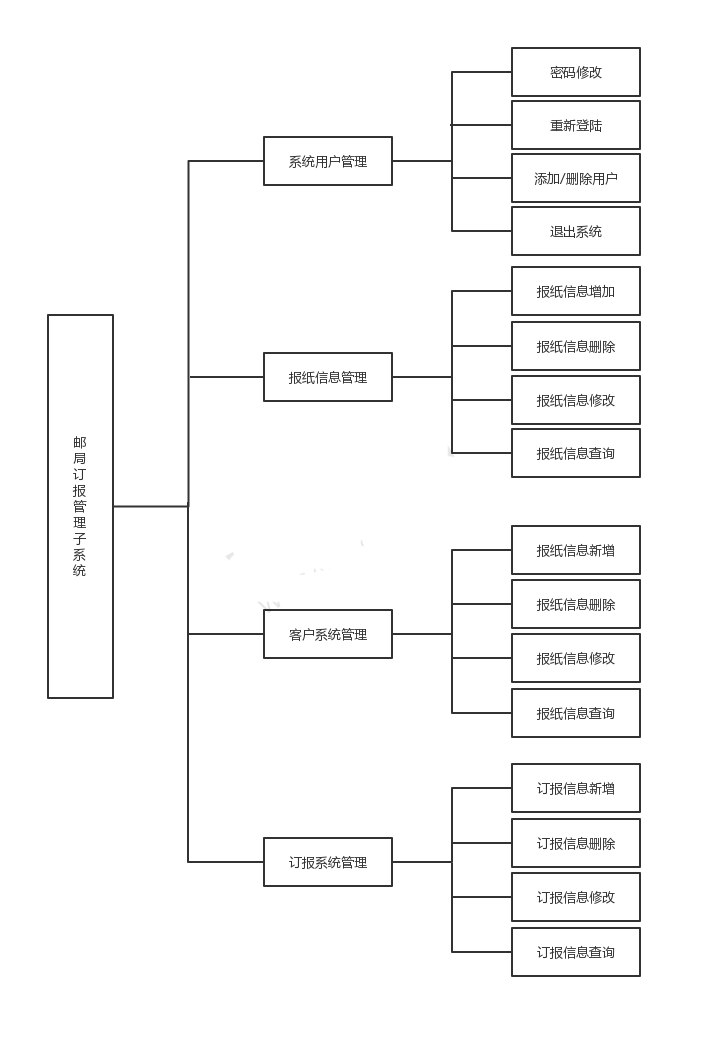


图2.1系统功能模块

## 2.4具体系统设计

### 2.4.1数据概念结构设计

系统数据流程图如图2简易系统数据流程图所示。

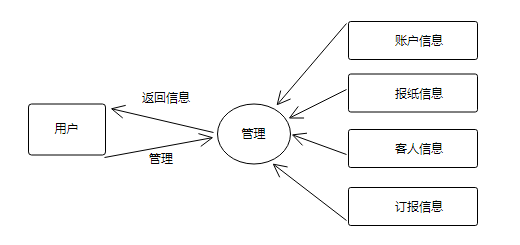


图2.2简易系统数据流程图

### 2.4.2 系统ER图

经调研后得化简后邮局订报管理系统整体基本E-R图如图3所示。

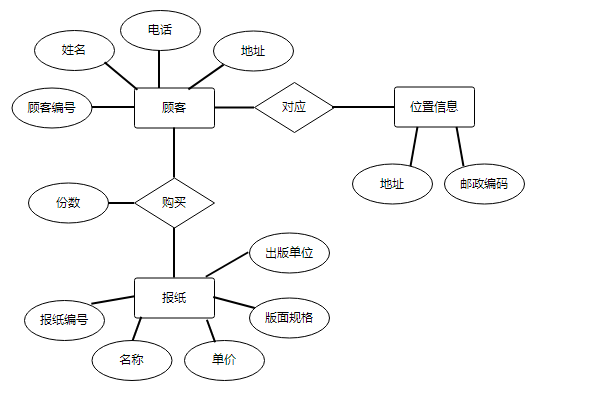


图2.3 系统E-R图

### 2.4.3数据库逻辑结构设计

按照E-R图到逻辑关系模式的转换规则，可得到系统如下6个关系。

账号密码（登录账号，登陆密码，权限）

报纸（报纸编号，名称，单价，版面，出版单位）

顾客（顾客编号，电话，姓名，地址）

购买关系（报纸编号，顾客编号，份数）

位置信息（地址，邮政编码）

带下划线的为关键字，即主码。

### 2.4.4数据库物理结构设计

本系统数据库表的物理设计通过创建表的SQL命令及数据库关系图来呈现，下面列

出Transact SQL 创建命令(即T-SQL命令)。

#### 2.4.4.1T-SQL命令

创建数据库

CREATE DATABASE DINGBAO

创建表

USE DINGBAO

GO

CREATE TABLE DBUSER(

MYID NVARCHAR(30) NOT NULL PRIMARY KEY,

MYPASSWORD VARCHAR(20),

AUTHOTITY INT

);

CREATE TABLE P(

PNO CHAR(10) NOT NULL PRIMARY KEY(PNO),

PNA NVARCHAR(30),

PPR INT,

PSI NVARCHAR(20),

PDW NVARCHAR(30)

);

CREATE TABLE G(

GNO CHAR(10) NOT NULL PRIMARY KEY(GNO),

GNA NVARCHAR(30),

GTE CHAR(15),

GAD NVARCHAR(30)

);

CREATE TABLE PG(

PNO CHAR(10) NOT NULL,

GNO CHAR(10) NOT NULL,

N INT,

PRIMARY KEY(PNO,GNO),

FOREIGN KEY(PNO) REFERENCES P(PNO),

FOREIGN KEY(GNO) REFERENCES G(GNO),

);

CREATE TABLE AD(

GAD NVARCHAR(30) NOT NULL PRIMARY KEY(GAD),

GPO CHAR(10),

FOREIGN KEY(GAD) REFERENCES G(GAD)

);

向表格加数据

USE DINGBAO

GO

INSERT INTO DBUSER VALUES('scy','666',2);

INSERT INTO P VALUES('1','洛阳八中校报',10,'流水规则式','洛阳八中校报');

INSERT INTO G VALUES('1','孙创昱','18261558210','河南省洛阳市嵩县');

INSERT INTO AD VALUES('河南省洛阳市嵩县','471400');

INSERT INTO PG VALUES('1','1',1);

#### 2.4.4.2数据库关系图

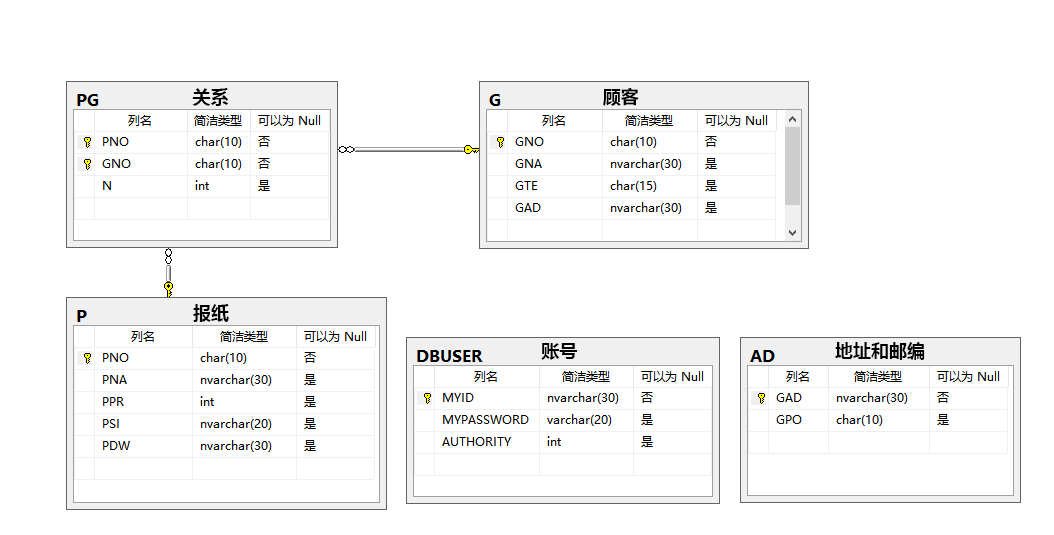


图2.4数据库关系图

3系统实现

（包括程序的重要代码、图、表格等）

## 3.1数据库连接模块

数据库连接、公用操作函数等代码见如下数据库类Database，因为我选择sql server，所以这个类根据案例十五代码删改，去掉多余的操作得到的。

//数据库联接类

package UI;

import java.sql.\*;

import javax.swing.JComboBox;

import javax.swing.JList;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import java.io.File;

public class Database {

public static Connection cn;

public static Statement st;

public static Statement st2;

public static ResultSet rs;

public static String dbms;

public static String Linknum="0";

// below for SQL Server

static String user = ConfigIni.getIniKey ("UserID");

static String pwd = ConfigIni.getIniKey ("Password");

static String ip = ConfigIni.getIniKey ("IP");

static String acc = ConfigIni.getIniKey ("Access");

static String dbf = ConfigIni.getIniKey ("DataBase");

public static boolean joinDB() {

boolean joinFlag;

try {

joinFlag = true;

if(ConfigIni.getIniKey ("Default\_Link").equals ("1")) { //JDBC连接方式

//注册驱动

DriverManager.registerDriver (new com.microsoft.sqlserver.jdbc.SQLServerDriver()); //2005

//获得一个连接

String url = "jdbc:sqlserver://" + ip + ":" + acc + ";" + "databasename=" + dbf; //2005

cn = DriverManager.getConnection (url, user, pwd);

}

//建立高级载体

st = cn.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_READ\_ONLY);

st2 = cn.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_READ\_ONLY);

}

catch (Exception ex) {

System.out.println(ex.getMessage().toString()+"--");

JOptionPane.showMessageDialog (null, "数据库连接失败....."+ex.getMessage().toString(), "错误", JOptionPane.ERROR\_MESSAGE);

System.exit(0);

joinFlag = false;

//ex.printStackTrace();

}//End try

return joinFlag;

}

public static boolean executeSQL(String sqlString) {

boolean executeFlag;

try {

st.execute(sqlString);

} catch (SQLException e) {

e.printStackTrace();

}

executeFlag = true;

return executeFlag;

}

public static boolean query(String sqlString) {

try {

rs = null;

rs = st.executeQuery(sqlString);

} catch (Exception Ex) {

System.out.println("sql exception:" + Ex);

return false;

}

return true;

}

public static int recCount(ResultSet rrs) {

int i = 0;

try {

if(rrs.getRow() != 0)

rrs.beforeFirst();

//while用于计算rrs的记录条数

while(rrs.next())

i++;

rrs.beforeFirst();

}

catch(Exception ex) {

ex.printStackTrace();

}//End try

return i;

}

....其他函数省略

}

本程序通过ConfigIni. java文件中的ConfigIni类来获取连接数据库的相关信息。这些连接数据库的相关信息组织存放于Config. ini系统配置文件中，这样便于修改与配置连接数据库的相关参数值。该文件的内容如下:

//数据库连接信息类

package UI;

import java.util.\*;

import java.io.\*;

public class ConfigIni {

//成员变量

private static Properties ini = null;

static {

try {

ini = new Properties();

ini.load (new FileInputStream ("Config.ini"));

}

catch (Exception ex) {

System.out.println ("Load CONFIG.INI is false!!");

}//End try

}

public static String getIniKey (String k) {

if(!ini.containsKey (k)) { //是否有 k 这个键

System.out.println ("The [ " + k + " ] Key is not exist!!");

return "";

} //End if(!ini.containsKey (k))

return ini.get (k).toString ();

}

public static void setIniKey (String k, String v) {

if(!ini.containsKey (k)) { //是否有 k 这个键

System.out.println ("The [ " + k + " ] Key is not exist!!");

return;

}//End if(!ini.containsKey (k))

ini.put (k, v);

}

public static void saveIni (String k[]) {

try {

FileWriter fw = new FileWriter ("config.ini");

BufferedWriter bw = new BufferedWriter ( fw );

//循环变量i是k字符串数组的下标

for (int i = 0; i < k.length; i++) {

bw.write (k[i] + "=" + getIniKey (k[i]));

bw.newLine ();

}//End for

bw.close ();

fw.close ();

}catch (Exception ex) {

System.out.println ("Save CONFIG.INI is false.");

}//End try

}

}

Config.txt

[SOFTINFO]=

UserName=qxz

CompName=jndx

[CONFIG]=

Soft\_First=0

Default\_Link=1

Default\_Page=1

[JDBC 1--sql server 2005,2--sql server 2000]=

IP=127.0.0.1

Access=1433

DataBase=DINGBAO

UserID=sa

Password=666

其中“Default\_ Link=”指定1- -2中某数字，代表着连接数据库的某种方式方法。可以.

看到:“Default\_ Link=1" 表示通过JDBC连接到SQL Server 2005;“Default\_ Link=2” 表

示通过JDBC连接到SQL Server 2000;

要说明的是:要使1到2种连接数据库方法能正常工作，需要先在服务器端安装相应数

据库管理系统并正确配置,再通过执行SQL脚本等方法在某数据库系统下创建系统库表等对

象，在Config.ini系统配置文件中正确配置相应某数据库的连接选项值，只有这样才能成

功运行的。特别注意，从Java SE8起，JDK中将不再包含JDBC- -ODBC桥了。这样要么采用JavaSE8以前的版本，要么就不用JDBC- -0DBC桥连接方式了。

## 3.2部分功能界面实现

Login.java

部分代码：

public class Login extends JFrame {

private JPanel contentPane;

private JTextField textField;

private JPasswordField passwordField;

String LoginID = "SCY";

String LoginPassword = "666";

static int authority;

static Functions frame;

public Login() {

JButton btnNewButton = new JButton("登录");

btnNewButton.addMouseListener(new MouseAdapter() {

public void mouseClicked(MouseEvent arg0) {

//检查能不能登录成功

//成功，连接数据库，切换界面

String sqlString="select \* from DBUSER where MYID = '" + textField.getText() + "' and MYPASSWORD = '" + String.valueOf( passwordField.getPassword() )+ "'";

System.out.println(sqlString);

if (Database.joinDB()) { // cn = getconnection()

System.out.println("连接数据库成功!!!");

Database.rs= Database.executeQuery(sqlString);

if(Database.recCount(Database.rs)>0){

try {

Database.rs.next();

authority = Database.rs.getInt("AUTHORITY");

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

System.out.println("密码正确");

setVisible(false);

frame = new Functions();

frame.setVisible(true);

}

else{

System.out.println("密码错误！");

new JOptionPane().showMessageDialog(null,"用户名或密码错误!","",JOptionPane.ERROR\_MESSAGE);

}

}

else System.out.println("数据库连接失败");

}

});

//...其他内容略

}

}

主面板

(1) Functions.java

部分代码：

public class Functions extends JFrame {

public Functions() {

JButton btnNewButton\_2 = new JButton("");

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

setExtendedState(JFrame.ICONIFIED);

}

});

JButton btnNewButton\_2\_1 = new JButton("");

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

btnNewButton.setFont(new Font("微软雅黑", Font.BOLD, 13));

btnNewButton.setForeground(Color.WHITE);

btnNewButton.setIcon(new ImageIcon(Functions.class.getResource("/Pic/\u62A5\u7EB8-.png")));

btnNewButton.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent arg0) {

System.out.println("报纸界面");

panel\_1.removeAll();

panel\_1.add(PIF);

panel\_1.repaint();

PIF.repaint();

}

});

JRadioButton btnNewButton\_1 = new JRadioButton("");

btnNewButton\_1.setFont(new Font("微软雅黑", Font.BOLD, 13));

btnNewButton\_1.setIcon(new ImageIcon(Functions.class.getResource("/Pic/\u987E\u5BA2-.png")));

btnNewButton\_1.setForeground(Color.WHITE);

btnNewButton\_1.setBackground(new Color(102, 204, 255));

btnNewButton\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent arg0) {

System.out.println("客户界面");

panel\_1.removeAll();

panel\_1.add(GIF);

panel\_1.repaint();

GIF.repaint();

}

});

JRadioButton btnNewButton\_1\_1 = new JRadioButton("");

btnNewButton\_1\_1.setFont(new Font("微软雅黑", Font.BOLD, 13));

btnNewButton\_1\_1.setIcon(new ImageIcon(Functions.class.getResource("/Pic/\u8054\u7CFB-.png")));

btnNewButton\_1\_1.setForeground(Color.WHITE);

btnNewButton\_1\_1.setBackground(new Color(102, 204, 255));

btnNewButton\_1\_1.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

System.out.println("订报界面");

panel\_1.removeAll();

panel\_1.add(SIF);

panel\_1.repaint();

SIF.repaint();

}

});

btnNewButton\_1\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("账户界面");

panel\_1.removeAll();

panel\_1.add(AIF);

panel\_1.repaint();

AIF.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","标题",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

}

}

（1）报纸管理界面

部分代码:

public class InterfacePaper extends JPanel {

public InterfacePaper() {

btnNewButton.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("新增报纸");

panel.setLayout(null);

panel.removeAll();

AP = new AddPaper();

AP.setLocation(20, 20);

panel.add(AP);

AP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","标题",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton\_2.setForeground(new Color(255, 255, 255));

btnNewButton\_2.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("删除报纸");

panel.setLayout(null);

panel.removeAll();

DP = new DeletePaper();

DP.setLocation(20, 20);

panel.add(DP);

DP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","标题",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

JButton btnNewButton\_1 = new JButton("\u4FEE\u6539\u62A5\u7EB8");

btnNewButton\_1.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/\u6539.png")));

btnNewButton\_1.setForeground(new Color(255, 255, 255));

btnNewButton\_1.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_1.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

if(Login.authority==2) {

System.out.println("修改报纸信息");

panel.setLayout(null);

panel.removeAll();

CP = new ChangePaper();

CP.setLocation(20, 20);

panel.add(CP);

CP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","标题",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

JButton btnNewButton\_2\_1 = new JButton("\u67E5\u8BE2\u62A5\u7EB8");

btnNewButton\_2\_1.setForeground(new Color(255, 255, 255));

btnNewButton\_2\_1.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_2\_1.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/\u67E5.png")));

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

//报纸查询

System.out.println("查询报纸");

panel.setLayout(null);

panel.removeAll();

QP = new QueryPaper();

QP.setLocation(20, 20);

panel.add(QP);

QP.repaint();

}

});

JPanel panel\_1 = new JPanel(){

public void paintComponent(Graphics g) {

super.paintComponent(g);

ImageIcon ii = new ImageIcon("Pic/横幅.jpg");

g.drawImage(ii.getImage(), 0, 0, getWidth(), getHeight(), ii.getImageObserver());

}

};

JButton btnNewButton\_2\_2 = new JButton("");

btnNewButton\_2\_2.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

Login.frame.setExtendedState(JFrame.ICONIFIED);

}

});

JButton btnNewButton\_2\_2\_1 = new JButton("");

btnNewButton\_2\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

}

}

（3.1）添加报纸界面（JPanel类）：

运行结果

运行代码

public class AddPaper extends JPanel {

public AddPaper() {

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("新增报纸信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","标题",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","标题",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = String.format("insert into P values('%s','%s','%s','%s','%s')",textField.getText(),textField\_1.getText(),textField\_2.getText(),textField\_3.getText() ,textField\_4.getText() );

Database.executeSQL(mySql);

System.out.println(mySql);

rs=Database.executeQuery("select \* from P");

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

（3.2）修改报纸界面

运行结果：

部分代码：

public class ChangePaper extends JPanel {

public ChangePaper() {

btnNewButton = new JButton("\u66F4\u6539");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("修改报纸信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","标题",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","标题",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "update P set PNA = '"+ textField\_1.getText()+"' ,PPR = "+textField\_2.getText()+" ,PSI ='"+textField\_3.getText()+"' ,PDW = '"+textField\_4.getText()+"' where PNO = '"+ textField.getText() +"'";

Database.executeSQL(mySql);

System.out.println(mySql);

rs=Database.executeQuery("select \* from P");

int row=dtm.getRowCount();

for(int i=0;i<row;i++){

dtm.removeRow(0);

}

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

（3.3）删除报纸

public class DeletePaper extends JPanel {

public DeletePaper() {

btnNewButton = new JButton("\u5220\u9664");

btnNewButton.setFont(new Font("黑体", Font.PLAIN, 15));

btnNewButton.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

System.out.println("删除");

String myid = textField.getText();

int opt = JOptionPane.showConfirmDialog(null, "确认删除报纸信息吗?","标题",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

if(Database.joinDB()) {

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.executeSQL("delete from PG where PNO = '"+myid+"'");

Database.executeSQL( "delete from P where PNO = '" +myid+"'");

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

else {

;

}

}

});

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

（3.4）查询报纸

运行界面

部分代码：

public class ChangePaper extends JPanel {

public ChangePaper() {

btnNewButton = new JButton("\u66F4\u6539");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("修改报纸信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","标题",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","标题",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "update P set PNA = '"+ textField\_1.getText()+"' ,PPR = "+textField\_2.getText()+" ,PSI ='"+textField\_3.getText()+"' ,PDW = '"+textField\_4.getText()+"' where PNO = '"+ textField.getText() +"'";

Database.executeSQL(mySql);

System.out.println(mySql);

rs=Database.executeQuery("select \* from P");

int row=dtm.getRowCount();

for(int i=0;i<row;i++){

dtm.removeRow(0);

}

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

顾客和订报界面和报纸界面类似，因此省略不写。

4.1账户管理

部分代码：

public class InterfaceAccount extends JPanel {

public InterfaceAccount() {

JButton btnNewButton = new JButton("\u786E\u8BA4\u5220\u9664");

btnNewButton.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

//删除账号

String deletename = new String();

deletename = (String) comboBox.getSelectedItem();

System.out.println("删除"+deletename);

int opt = JOptionPane.showConfirmDialog(null, "确认删除吗?","标题",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt==0) {//确认

Database.joinDB(); //连接数据库

String mySql = "delete from DBUSER where MYID = '"+ deletename+"'"; //设置查询语句

Database.executeSQL(mySql); //执行查询

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

Database.rs= Database.executeQuery(sql);

comboBox.removeAllItems();

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

}else {

}

}

});

btnNewButton.setBounds(269, 390, 98, 33);

add(btnNewButton);

JButton btnNewButton\_2 = new JButton("\u786E\u8BA4\u6DFB\u52A0");

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

System.out.println("添加用户");

String MYID = new String();

String MYPASSWORD = new String();

MYID = textField.getText();

MYPASSWORD = textField\_1.getText();

int MYAUTHORITY ;

if(rdbtnNewRadioButton.isSelected()) MYAUTHORITY = 1;

else MYAUTHORITY = 2;

String mysql = new String();

mysql = String.format( "INSERT INTO DBUSER VALUES('%s','%s',%d);", MYID,MYPASSWORD,MYAUTHORITY);

System.out.println(mysql);

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","标题",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

Database.executeSQL(mysql);

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

Database.rs= Database.executeQuery(sql);

comboBox.removeAllItems();

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

}

else ;

}

});

JPanel panel = new JPanel() {

public void paintComponent(Graphics g) {

super.paintComponent(g);

ImageIcon ii = new ImageIcon("Pic/横幅.jpg");

g.drawImage(ii.getImage(), 0, 0, getWidth(), getHeight(), ii.getImageObserver());

}

};

JButton btnNewButton\_2\_2 = new JButton("");

btnNewButton\_2\_2.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

Login.frame.setExtendedState(JFrame.ICONIFIED);

}

});

JButton btnNewButton\_2\_2\_1 = new JButton("");

btnNewButton\_2\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

comboBox.removeAllItems();

Database.rs= Database.executeQuery(sql);

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

}

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

JFrame frame = new JFrame();

frame.setBounds(10, 91, 634, 356);

frame.getContentPane().add( new InterfaceAccount() );

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

}

4运行情况及维护计划。

## 4.1系统运行测试：

### 4.1.1登录测试：

此账号有查看和修改的权限.



图4.1登陆界面

输入账号密码之后，点击登录按钮。按钮会到DBUSER表检查账号密码是否匹配。如果匹配成功，关闭登录界面，显示功能界面；如果密码错误，会弹出密码错误的提示。

部分代码：

if (Database.joinDB()) { // cn = getconnection()

System.out.println("成功连接数据库!!!");

Database.rs= Database.executeQuery(sqlString);

if(Database.recCount(Database.rs)>0){

try {

Database.rs.next();

authority = Database.rs.getInt("AUTHORITY");

} catch (SQLException e) {

e.printStackTrace();

}

setVisible(false);

functionframe = new Functions();

functionframe.setVisible(true);

dispose();

}

}

如果账号密码错误登陆失败：



图4.2登录失败图

如果说输入的账号和密码在DUBUSER这个表中没有相关的记录，就会弹出警告信息。点击确定之后，也可以点击清空按钮或者手动删除文本框的内容，然后输入正确的账号和密码才能继续登陆。

部分代码：

if(Database.recCount(Database.rs)>0){

//初始化界面

}

else{

new JOptionPane().showMessageDialog(null,"用户名或密码错误！ ","",JOptionPane.ERROR\_MESSAGE);

}

btnNewButton\_1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

System.out.println("清空");

textField.setText("");

passwordField.setText("");

}

});

如果登录成功：



图4.3登陆成功图

如果账号密码匹配，那么Login界面关闭，展示功能主界面，主界面左侧为功能栏，分别有报纸管理，客户管理，订报管理，账户管理四个模块，未选中为灰色，如果点击任一功能，按钮会变成白色，同时右边的功能区域会出现对应的界面。

//设置Login界面消失，显示主界面

setVisible(false);

functionframe = new Functions();

functionframe.setVisible(true);

dispose();

部分代码：

//报纸按钮如下，其他按钮略

btnNewButton.setIcon(new ImageIcon(Functions.class.getResource("/Pic/\u62A5\u7EB8-.png")));

btnNewButton.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent arg0) {

System.out.println("报纸界面");

panel\_1.removeAll();

panel\_1.add(PIF);

panel\_1.repaint();

PIF.repaint();

}

});

### 4.1.2 报纸管理模块

点击左侧选项“报纸”按钮，按钮由灰色变为白色，表示选中状态，右侧面包出现报纸管理模块。

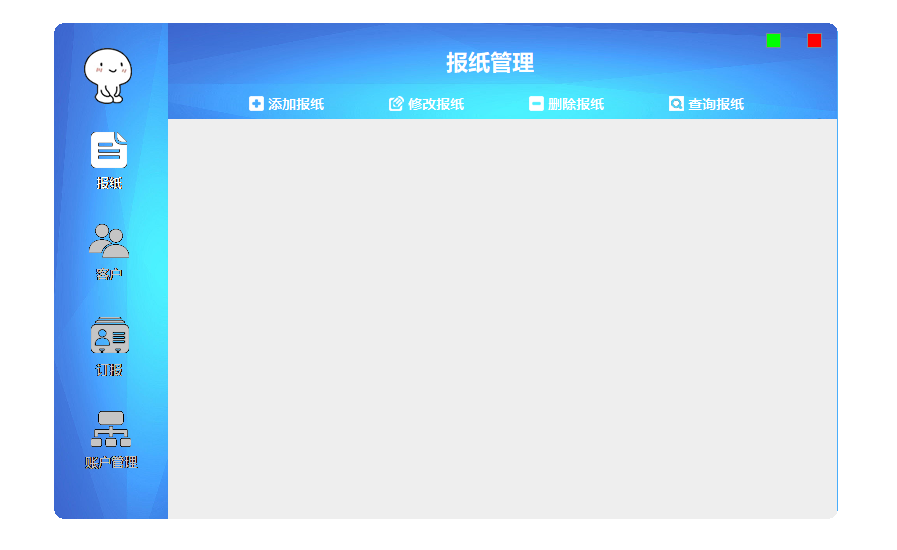


图4.4报纸管理页面

点击左侧的报纸按钮，展示出报纸管理面板。该面板有四种功能，分别是报纸的增删改查。点击四个按钮分别会出现对应的用户界面。选中的功能会在按钮边缘产生虚线框，表示选中这个功能。同时按钮设置透明背景，设置图片，让系统显得更美观。

部分代码：

btnNewButton\_2\_1.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/\u67E5.png")));

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

//报纸查询

System.out.println("查询报纸");

panel.setLayout(null);

panel.removeAll();

QP = new QueryPaper();

QP.setLocation(20, 20);

panel.add(QP);

QP.repaint();

}

});

测试“添加报纸”功能，点击添加报纸按钮，然后，填写相关信息，点击添加按钮后，确认添加信息。



图4.5添加报纸测试

进入添加功能界面，此时左侧为添加模块，右侧为展示模块。我们按照提示信息，把对应的数据填满，然后点击添加，这时候如果所有信息都填好了，弹出确认添加的对话框，点击确认就可以添加成功了，如果点击取消就会撤销操作。

部分代码：

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

添加失败的情况



图4.6添加失败弹出

如果有信息填写不全的情况，就不能成功添加到数据库，因此，我们会出现弹窗警告。提醒用户“请输入完整的信息！”用户点击确定后，可以继续把信息补充完整。

部分代码：

public void actionPerformed(ActionEvent e) {

System.out.println("新增报纸信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}

}

添加成功结果如下图：



图4.7报纸添加结果

点击添加按钮后，成功添加的话，右边的表格会再次刷新，以查看添加是否成功，如果成功添加到数据库，就会出现在右边的表格中。

部分代码：

//刷新表格

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

测试“修改报纸”功能。输入要更改的信息后，点击更改按钮，确定更改。



图4.8 修改信息图

输入对应的编号，然后输入完整的信息，这时候会弹出添加信息的对话框，点击确定就添加成功了，如果点击取消，就不会有添加操作。如果信息填写不完整，就会出现警告对话框。

部分代码：

public void actionPerformed(ActionEvent e) {

Database.joinDB();

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "update P set PNA = '"+ textField\_1.getText()+"' ,PPR = "+textField\_2.getText()+" ,PSI ='"+textField\_3.getText()+"' ,PDW = '"+textField\_4.getText()+"' where PNO = '"+ textField.getText() +"'";

Database.executeSQL(mySql);

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

//更新表格

}

}

}

}

修改结果如下



图4.9修改结果图

在成功修改信息之后，右边的表格会再次刷新，可以让用户直接看到更新的情况。

案例代码：

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

测试“删除报纸”功能。输入报纸编号后，点击删除按钮，点击确认删除。



图4.10删除报纸图

删除报纸的操作比较简单，我们可以输入要删除的报纸编号之后，点击确定删除。点击之后右边的表格会刷新，展示给用户。

部分代码：

System.out.println("删除");

String myid = textField.getText();

int opt = JOptionPane.showConfirmDialog(null, "确认删除报纸信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

if(Database.joinDB()) {

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.executeSQL("delete from PG where PNO = '"+myid+"'");

Database.executeSQL( "delete from P where PNO = '" +myid+"'");

rs=Database.executeQuery("select \* from P");

}

}

删除结果：

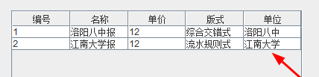


图4.11删除结果图

测试“查询报纸”功能。



图4.12无限制查询图



图4.13部分条件限制查询图

左侧一共5个限制条件，如果不填就是没有条件，点击查询按钮，数据库中所有条件都会显示在右边的表格中；如果填写部分或者所有限制条件，点击查询按钮，所有符合限制条件的结果都会显示在右边的表格中。

部分代码：

public void actionPerformed(ActionEvent e) {

String mySql = "select \* from P ";

Boolean myflag = new Boolean(false);

if(textField.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PNO = "+"'"+textField.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where PNO = "+"'"+textField.getText()+"'";

}

}

if(textField\_1.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PNA = "+"'"+textField\_1.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where PNA = "+"'"+textField\_1.getText()+"'";

}

}

if(textField\_2.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PPR = "+textField\_2.getText();

}else {//第一次

myflag = true;

mySql += " where PPR = "+textField\_2.getText();

}

}

if(textField\_3.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PSI = "+"'"+textField\_3.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where PSI = "+"'"+textField\_3.getText()+"'";

}

}

if(textField\_4.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PDW = "+"'"+textField\_4.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where PDW = "+"'"+textField\_4.getText()+"'";

}

}

### 4.1.3顾客管理模块

点击左侧选项“客户”。进入顾客管理面板。

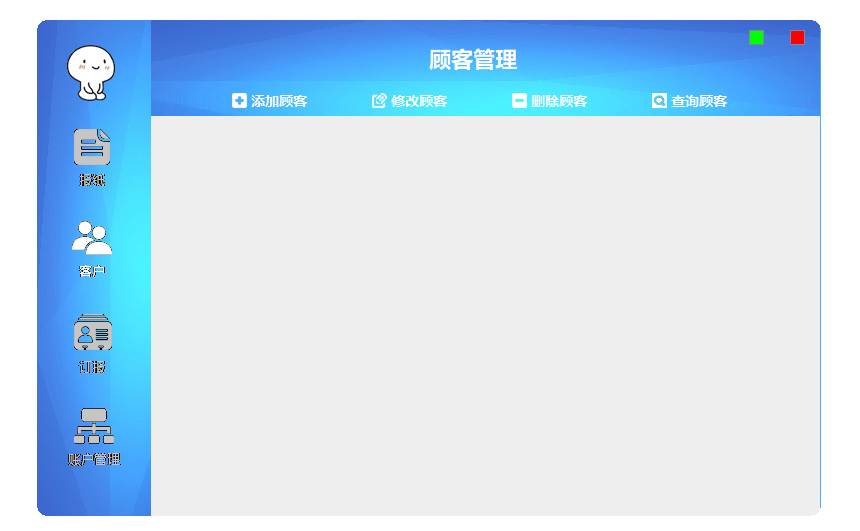


图4.14顾客管理面板图

点击左侧的客户按钮，展示出客户管理面板。该面板有四种功能，分别是客户信息的增删改查。点击四个按钮分别会出现对应的用户界面。选中的功能会在按钮边缘产生虚线框，表示选中这个功能。同时按钮设置透明背景，设置图片，让系统显得更美观。

部分代码：

btnNewButton.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("增加客户信息");

panel.removeAll();

panel.setLayout(null);

AG = new AddGuest();

AG.setLocation(20, 20);

panel.add(AG);

AG.repaint();

}

}

});

添加信息面板测试



图4.15添加信息图

点击添加顾客按钮，进入添加功能界面，此时左侧为添加模块，右侧为展示模块。我们按照提示信息，把对应的数据填满，然后点击添加，这时候如果所有信息都填好了，弹出确认添加的对话框，点击确认就可以添加成功了，如果点击取消就会撤销操作。

部分代码：

btnNewButton.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("增加客户信息");

panel.removeAll();

panel.setLayout(null);

AG = new AddGuest();

AG.setLocation(20, 20);

panel.add(AG);

AG.repaint();

}

}

});



图4.16添加结果图

测试“修改客户”功能。



图4.17修改客户

点击修改客户按钮，进入修改界面。输入要更新的编号和新的信息。如果有信息填写不全的情况，就不能成功添加到数据库，因此，我们会出现弹窗警告。提醒用户“请输入完整的信息！”用户点击确定后，可以继续把信息补充完整。

部分代码：

int opt = JOptionPane.showConfirmDialog(null, "确认修改信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "update G set GNA = '"+ textField\_1.getText()+"' ,GTE = '"+textField\_2.getText()+"' ,G.GAD ='"+textField\_3.getText()+"' where GNO = '"+ textField.getText() +"'";

Database.executeSQL(mySql);

System.out.println(mySql);

mySql = "update AD set GPO = '"+textField\_4.getText()+"' where GAD = '"+textField\_3.getText()+"'";

Database.rs = Database.executeQuery("select \* from AD where GPO = '"+textField\_4.getText() +"' and GAD = '"+textField\_3.getText()+"'" );

Database.executeSQL( String.format("insert into AD values('%s','%s')",textField\_3.getText(),textField\_4.getText() ) );

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD ");

}

}

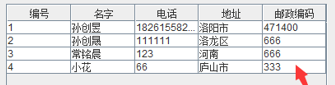


图4.18修改结果图

测试“删除客户”功能。点击删除按钮，确定按钮即可删除成功。



图4.19删除顾客图

删除报纸的操作比较简单，我们可以输入要删除的报纸编号之后，点击确定删除。点击之后右边的表格会刷新，展示给用户。

部分代码：

int opt = JOptionPane.showConfirmDialog(null, "确认删除顾客信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

if(Database.joinDB()) {

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.executeSQL("delete from PG where GNO = '"+myid+"'");

Database.executeSQL( "delete from G where GNO = '" +myid+"'");

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD ");

}

}

删除结果：



图4.20删除结果图

测试“查询客户”功能。



图4.21查询客户图

左侧一共5个限制条件，如果不填就是没有条件，点击查询按钮，数据库中所有条件都会显示在右边的表格中；如果填写部分或者所有限制条件，点击查询按钮，所有符合限制条件的结果都会显示在右边的表格中。

部分代码：

String mySql = "select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD";

Boolean myflag = new Boolean(true);

if(textField.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and GNO = "+"'"+textField.getText()+"'";

}else //第一次

myflag = true,mySql += " where GNO = "+"'"+textField.getText()+"'";

}

if(textField\_1.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and GNA = "+"'"+textField\_1.getText()+"'";

}else //第一次

myflag = true,mySql += " where GNA = "+"'"+textField\_1.getText()+"'";

}//...内容类似，略

if(textField\_4.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and AD.GPO = "+"'"+textField\_4.getText()+"'";

}else //第一次

myflag = true,mySql += " where AD.GPO = "+"'"+textField\_4.getText()+"'";

}

### 4.1.4订报管理模块

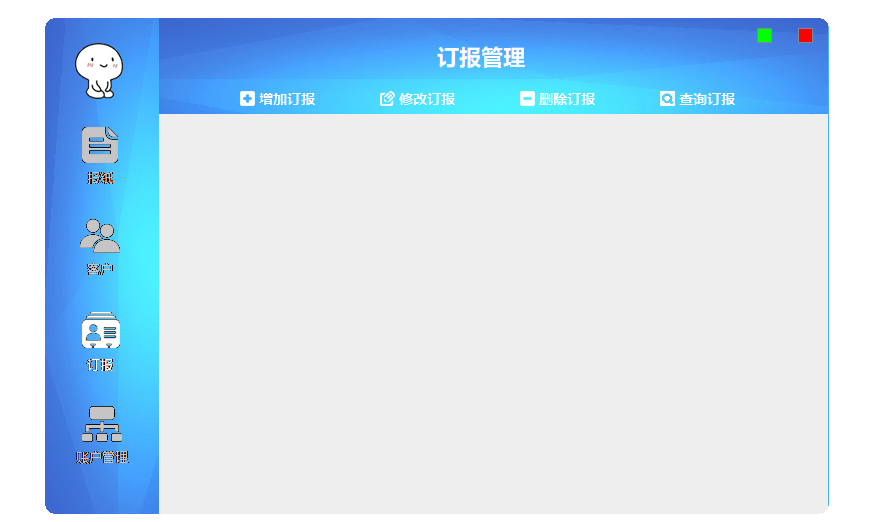
点击左侧选项“订报”。进入订报管理面板。  


图4.22订报面板图

点击左侧的订报按钮，展示出订报管理面板。该面板有四种功能，分别是订报信息的增删改查。点击四个按钮分别会出现对应的用户界面。选中的功能会在按钮边缘产生虚线框，表示选中这个功能。同时按钮设置透明背景，设置图片，让系统显得更美观。

部分代码：

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("删除订报");

panel.setLayout(null);

panel.removeAll();

DGP = new DeleteGP();

DGP.setLocation(20, 20);

panel.add(DGP);

DGP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

测试“增加订报”功能。点击增加订报按钮，填写编号份数，点击增加按钮，确定按钮。



图4.23增加订报页面

点击添加订报按钮，进入添加功能界面，此时左侧为添加模块，右侧为展示模块。我们按照提示信息，把对应的数据填满，然后点击添加，这时候如果所有信息都填好了，弹出确认添加的对话框，点击确认就可以添加成功了，如果点击取消就会撤销操作。

部分代码：

public void actionPerformed(ActionEvent e) {

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("") ) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "insert into PG values('"+textField\_1.getText()+"','"+textField.getText()+"',"+textField\_2.getText()+")";

Database.executeSQL(mySql);

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

rs=Database.executeQuery("select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO");

}

}

测试“修改订报”功能。点击修改订报按钮，填写编号和新的份数，点击修改按钮，确定按钮。



图4.24修改信息页面

点击修改订报按钮，进入修改界面。输入要更新订单顾客编号和报纸编号。如果有信息填写不全的情况，就不能成功添加到数据库，因此，我们会出现弹窗警告。提醒用户“请输入完整的信息！”用户点击确定后，可以继续把信息补充完整。

部分代码：

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("更改购报信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "update PG set N = "+ textField\_2.getText()+" where GNO = '"+textField.getText()+"' and PNO='"+textField\_1.getText()+"'";

Database.executeSQL(mySql);

System.out.println(mySql);

}

}

}

修改结果如下:

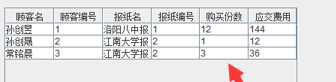


图4.25修改结果图

测试“删除订报”功能。



图4.26删除订报信息图

删除报纸的操作比较简单，我们可以输入要删除的报纸编号之后，点击确定删除。点击之后右边的表格会刷新，展示给用户。

部分代码：

System.out.println("删除");

int opt = JOptionPane.showConfirmDialog(null, "确认删除报纸信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

if(Database.joinDB()) {

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.executeSQL("delete from PG where GNO = '"+textField.getText()+"' and PNO = '"+textField\_1.getText()+"'");

}

}



图4.27删除结果图

测试“查询订报”功能。



图4.28无限制条件查询



图4.29缴费查询界面（带限制条件的查询）

一共有三个限制条件,内容为空表示没有限制，点击查询按钮，所有符合条件的结果都会出现在右边的表格中。如果要查看某个顾客应付费用，只需要限制条件只写顾客号就好了，查询按钮点击后他的总费用出现在右下角。同时如果是查询某个报纸的销售情况，只需要填写报纸号，查询按钮点击后销售的总费用就会显示在右下角。

部分代码：

String mySql = "select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO";

Boolean myflag = new Boolean(true);

if(textField.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and G.GNO = "+"'"+textField.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where G.GNO = "+"'"+textField.getText()+"'";

}

}

if(textField\_1.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and P.PNO = "+"'"+textField\_1.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where P.PNO = "+"'"+textField\_1.getText()+"'";

}

}

if(textField\_2.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and N = "+"'"+textField\_2.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where N = "+"'"+textField\_2.getText()+"'";

}

}

int tem = 0;

System.out.println(mySql);

rs=Database.executeQuery(mySql);

### 4.1.5账户管理模块

点击左侧选项“账户管理”。



图4.30账户管理模块

账户管理模块功能相对来说比较简单。从上到下依次是添加用户，重新登陆，删除用户，修改用户。下面我将逐一测试这些功能。

测试“新增账户”功能

新建账户IOT，密码是666，权限是查看



图4.31添加新账户测试图

按照提示，输入新账户的账号和密码，同时，选择需要的权限（是否有改变数据库的权限），点击添加按钮，会弹出对话框，如果点击确认就会把新的数据加入数据库，否则不进行任何操作。

添加结果：

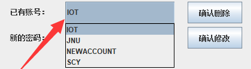


图4.32添加用户结果图

部分代码：

System.out.println("添加用户");

String MYID = new String();

String MYPASSWORD = new String();

MYID = textField.getText();

MYPASSWORD = textField\_1.getText();

int MYAUTHORITY ;

if(rdbtnNewRadioButton.isSelected()) MYAUTHORITY = 1;

else MYAUTHORITY = 2;

String mysql = new String();

mysql = String.format( "INSERT INTO DBUSER VALUES('%s','%s',%d);", MYID,MYPASSWORD,MYAUTHORITY);

System.out.println(mysql);

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?"," ",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

Database.executeSQL(mysql);

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

Database.rs= Database.executeQuery(sql);

comboBox.removeAllItems();

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

}

删除账户测试。



图4.33删除账户图

点击选择框，选中旧帐号，点击确认删除，确定即可删除账户。删除后的账号不能再次登录，如果对话框点击取消则不进行任何操作。

删除结果：

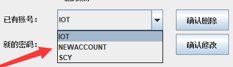


图4.34删除账户结果图

部分代码：

int opt = JOptionPane.showConfirmDialog(null, "确认修改吗?"," ",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt==0) {//确认

Database.joinDB(); //连接数据库

deletename = (String) comboBox.getSelectedItem();

String mySql = "update DBUSER set MYPASSWORD = '"+ textField\_2.getText() +"' "+ "where MYID = '"+ deletename +"'";

textField\_2.setText("");

Database.executeSQL(mySql); //执行查询

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

Database.rs= Database.executeQuery(sql);

comboBox.removeAllItems();

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

}

修改密码测试。



图4.35 修改账户密码模块

选中账号，填写新密码后，点击确认修改，密码就会重新设置。

部分代码：

Database.joinDB(); //连接数据库

deletename = (String) comboBox.getSelectedItem();

String mySql = "update DBUSER set MYPASSWORD = '"+ textField\_2.getText() +"' "+ "where MYID = '"+ deletename +"'";

textField\_2.setText("");

Database.executeSQL(mySql); //执行查询

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

Database.rs= Database.executeQuery(sql);

comboBox.removeAllItems();

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

### 4.1.6用户权限测试

测试只有查看权限的IOT账号登录。，测试用户权限



图4.36账号登陆图

查询界面没有有问题：



4.37查询测试图

但是当进行修改操作时，如下图方框位置的按钮被点击时，就会有警告弹窗



图4.38权限测试图

当这些按钮被点击时，会进行权限检测。如果有权限修改，就可以进入对应的功能面板中，否则就只会出现弹窗警告。

部分代码：

btnNewButton\_1\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("账户界面");

panel\_1.removeAll();

panel\_1.add(AIF);

panel\_1.repaint();

AIF.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","标题",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

## 4.2系统的运行情况及维护计划。

1、系统运行与维护

经测试，系统在win10系统上功能运行良好。

平台下的运行方式:直接双击“System. jar”文件包即可运行，前提是先附加数据库。

维护阶段最主要需要保存好最新的数据库文件，可以定期周期性做好系统的备份。

系统编码完成后，要经过反复调试、测试与试用运行后，才能正式交付企业使用。

2、系统的相关文件说明。

(1)本系统的文件组成

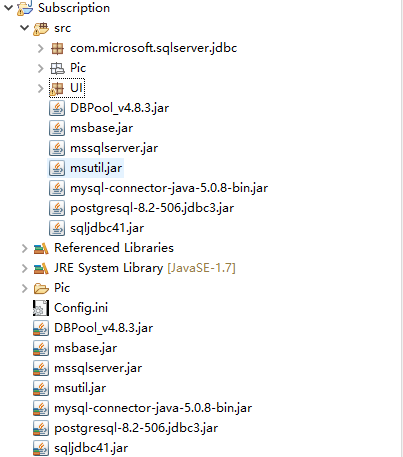


图4.28系统组成

本系统在“Eclipse Version: 2020-06 (4.16.0)”集成环境下编辑、调试与运行的。通过新建项

目来组织系统文件，如图15-9所示。左边子窗体呈现了项目“Subscription”及其所包含的

系统组成部分: 1)“Pic”目录存放系统使用的图形图象文件: 2)“UI” 目录存放系统所有Java源程序;3)“JRE System Library[JavaSE-1.7]” 引用的系统库文件; 4)“Referenced Libraries”引用的其它库;5) Config. ini系统配置文件: 6)相关系统文件。

# 5总结

## 5.1遇到的问题以及解决的办法。

1. 规范化成BCNF后不知道ER图画的对不对，找老师问问问题解决。
2. 由于换了电脑，重新安装了java的JDK和Eclipse，结果案例不能运行。查了好久资料，最后找出问题，安装上旧版本的JDK。

3.发现案例中的有JpasswordField.getText()出现了划线警告,改成了String.ValueOf(JpasswordField.getPassword())之后，问题解决。

4.读取Config.ini文件失败，查了好久最后发现是位置放错了，应该放在项目目录底下而不是放在包里。

5.连接数据库失败，没有数据库驱动：查了一下博客是需要导入三个jar包：



导入三个jar，问题还是没解决，后来发现JRE System Library版本和案例的不一样，换成了JavaSE-1.7 ，最后把Referenced Libraries和案例设置的一模一样，结果还是不行，最后在网上找新版本的sqljdbc41.jar加入Referenced Libraries，问题才解决了。

## 5.2收获

通过这次的课程设计，我将上学期第四章（关系数据库设计理论）和第六章（数据库设计）学到的知识进行了复习，并且更加深刻地理解了这些知识。

虽然本次课设中出现各种各样的bug，虽然处理这些问题的时候，经常感到十分沮丧，但问题解决那一刻的喜悦，会让我觉得一切的努力都是值得的。

这将近三周时间，我感觉自己不仅是学到了相关的知识，更重要的是自己慢慢的学会了独立思考，查阅资料，请教老师和同学们这样的解决问题的方式。无论我之后遇到什么类型的困难，我都可以参考本次课设解决问题的思路，快速有效地解决问题。

## 5.3参考文献

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2. 李建中. 数据库系统原理. [电子工业出版社](https://baike.baidu.com/item/%E7%94%B5%E5%AD%90%E5%B7%A5%E4%B8%9A%E5%87%BA%E7%89%88%E7%A4%BE/1720017).2008.

## 5.4致谢

特别感激徐华老师，每次咨询问题都会不厌其烦地对我进行指导和帮助，没有老师我可能就很难在规定的时间内完成任务了。同时也特别感谢屠天宇，况楚帆，柳惠，尹加亮，郭晨扬几位同学，在我遇到bug的时候，对我的鼓励和帮助，让我在困难的时候并不感到无助，并且有了新的解决问题的思路。

# 6附录（完整代码）

## 6.1 Login.java

package UI;

import java.awt.EventQueue;

import java.awt.Font;

import java.awt.Graphics;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.awt.geom.RoundRectangle2D;

import java.sql.SQLException;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.UIManager;

import javax.swing.border.EmptyBorder;

import java.awt.Color;

import java.awt.Toolkit;

public class Login extends JFrame {

private JPanel contentPane;

private JTextField textField;

private JPasswordField passwordField;

String LoginID = "SCY";

String LoginPassword = "666";

static int authority;

static Functions functionframe;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

Login frame = new Login();

frame.setVisible(true);

frame.setResizable(false);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public Login() {

setUndecorated(true);

setShape(new RoundRectangle2D.Double(0, 0, 450, 300, 20, 20));

setIconImage(Toolkit.getDefaultToolkit().getImage(Login.class.getResource("/Pic/D.png")));

setBackground(new Color(51, 255, 102));

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 450, 300);

setLocationRelativeTo(null);

contentPane = new JPanel();

contentPane.setBackground(new Color(153, 255, 0));

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

JLabel lblNewLabel = new JLabel("\u8BA2\u62A5\u7BA1\u7406\u7CFB\u7EDF");

lblNewLabel.setFont(new Font("微软雅黑", Font.BOLD, 20));

lblNewLabel.setBounds(151, 37, 183, 51);

contentPane.add(lblNewLabel);

textField = new JTextField("SCY");

textField.setBounds(190, 113, 144, 32);

contentPane.add(textField);

textField.setColumns(10);

passwordField = new JPasswordField("666");

passwordField.setBounds(190, 174, 144, 32);

contentPane.add(passwordField);

JLabel label = new JLabel("\u5BC6\u7801\uFF1A");

label.setFont(new Font("微软雅黑", Font.BOLD, 16));

label.setBounds(96, 172, 84, 32);

contentPane.add(label);

JLabel label\_1 = new JLabel("\u8D26\u53F7\uFF1A");

label\_1.setFont(new Font("微软雅黑", Font.BOLD, 16));

label\_1.setBounds(96, 113, 84, 32);

contentPane.add(label\_1);

JButton btnNewButton = new JButton("\u786E\u8BA4\u767B\u5F55");

btnNewButton.addMouseListener(new MouseAdapter() {

public void mouseClicked(MouseEvent arg0) {

// new JOptionPane().showMessageDialog(null,"开始连接数据库！","",JOptionPane.ERROR\_MESSAGE);

String sqlString="select \* from DBUSER where MYID = '" + textField.getText() + "' and MYPASSWORD = '" + String.valueOf( passwordField.getPassword() )+ "'";

System.out.println(sqlString);

if (Database.joinDB()) { // cn = getconnection()

// new JOptionPane().showMessageDialog(null,"成功连接！","",JOptionPane.ERROR\_MESSAGE);

System.out.println("成功连接数据库!!!");

Database.rs= Database.executeQuery(sqlString);

if(Database.recCount(Database.rs)>0){

try {

Database.rs.next();

authority = Database.rs.getInt("AUTHORITY");

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

setVisible(false);

functionframe = new Functions();

functionframe.setVisible(true);

dispose();

}

else{

new JOptionPane().showMessageDialog(null,"账号密码不匹配！","",JOptionPane.ERROR\_MESSAGE);

}

// new JOptionPane().showMessageDialog(null,"结束！","",JOptionPane.ERROR\_MESSAGE);

}

else System.out.println("数据库连接失败");

}

});

btnNewButton.setBounds(107, 231, 88, 30);

contentPane.add(btnNewButton);

JButton btnNewButton\_1 = new JButton("\u6E05\u7A7A");

btnNewButton\_1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

System.out.println("清空");

textField.setText("");

passwordField.setText("");

}

});

btnNewButton\_1.setBounds(229, 231, 88, 30);

contentPane.add(btnNewButton\_1);

JPanel panel = new JPanel() {

public void paintComponent(Graphics g) {

super.paintComponent(g);

ImageIcon ii = new ImageIcon( "Pic/蓝色背景-135.gif" );

g.drawImage(ii.getImage(), 0, 0, getWidth(), getHeight(), ii.getImageObserver());

}

};

panel.setBounds(0, 0, 450, 300);

contentPane.add(panel);

panel.setLayout(null);

JButton btnNewButton\_2 = new JButton("");

btnNewButton\_2.addMouseListener(new MouseAdapter() {

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

btnNewButton\_2.setBackground(Color.RED);

btnNewButton\_2.setBounds(414, 12, 15, 15);

panel.add(btnNewButton\_2);

JButton btnNewButton\_2\_1 = new JButton("");

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

public void mouseClicked(MouseEvent arg0) {

setExtendedState(JFrame.ICONIFIED);

}

});

btnNewButton\_2\_1.setBackground(Color.GREEN);

btnNewButton\_2\_1.setBounds(378, 12, 15, 15);

panel.add(btnNewButton\_2\_1);

}

}

## 6.2 AddGP.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

public class AddGP extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"顾客名","顾客编号","报纸名","报纸编号","购买份数","应交费用"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// AddGP frame = new AddGP();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public AddGP() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(6);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

JLabel lblNewLabel = new JLabel("\u987E\u5BA2\u7F16\u53F7\uFF1A");

lblNewLabel.setBounds(25, 43, 90, 23);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(25, 65, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("\u62A5\u7EB8\u7F16\u53F7\uFF1A");

lblNewLabel\_1.setBounds(25, 111, 90, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(25, 133, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("\u4EFD\u6570:");

lblNewLabel\_2.setBounds(25, 178, 75, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(25, 200, 75, 26);

add(textField\_2);

btnNewButton = new JButton("\u589E\u52A0");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("新增订购信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("") ) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "insert into PG values('"+textField\_1.getText()+"','"+textField.getText()+"',"+textField\_2.getText()+")";

Database.executeSQL(mySql);

System.out.println(mySql);

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

rs=Database.executeQuery("select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNA = rs.getString("GNA");

String GNO = rs.getString("GNO");

String PNA = rs.getString("PNA");

String PNO = rs.getString("PNO");

int N = rs.getInt("N");

int PPR = rs.getInt("PPR");

Vector v = new Vector();

v.add(GNA);

v.add(GNO);

v.add(PNA);

v.add(PNO);

v.add(N);

v.add(N\*PPR);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

btnNewButton.setBounds(25, 252, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(138, 10, 391, 295);

add(scrollPane);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNA = rs.getString("GNA");

String GNO = rs.getString("GNO");

String PNA = rs.getString("PNA");

String PNO = rs.getString("PNO");

int N = rs.getInt("N");

int PPR = rs.getInt("PPR");

Vector v = new Vector();

v.add(GNA);

v.add(GNO);

v.add(PNA);

v.add(PNO);

v.add(N);

v.add(N\*PPR);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.3 AddGuest.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

public class AddGuest extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JTextField textField\_3;

private JTextField textField\_4;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"编号","名字","电话","地址","邮政编码"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// AddGuest frame = new AddGuest();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public AddGuest() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(5);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

JLabel lblNewLabel = new JLabel("编号");

lblNewLabel.setBounds(10, 66, 60, 23);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(43, 65, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("\u59D3\u540D");

lblNewLabel\_1.setBounds(10, 101, 60, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(43, 100, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("\u7535\u8BDD");

lblNewLabel\_2.setBounds(10, 134, 60, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(43, 134, 75, 26);

add(textField\_2);

JLabel lblNewLabel\_3 = new JLabel("\u5730\u5740");

lblNewLabel\_3.setBounds(10, 172, 60, 23);

add(lblNewLabel\_3);

textField\_3 = new JTextField();

textField\_3.setColumns(10);

textField\_3.setBounds(43, 171, 75, 26);

add(textField\_3);

JLabel lblNewLabel\_4 = new JLabel("\u90AE\u7F16");

lblNewLabel\_4.setBounds(10, 207, 60, 23);

add(lblNewLabel\_4);

textField\_4 = new JTextField();

textField\_4.setColumns(10);

textField\_4.setBounds(43, 206, 75, 26);

add(textField\_4);

btnNewButton = new JButton("\u6DFB\u52A0");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("查询顾客信息");

Database.joinDB();

String mySql = "select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD ";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = String.format("insert into G values('%s','%s','%s','%s')",textField.getText(),textField\_1.getText(),textField\_2.getText(),textField\_3.getText() );

Database.executeSQL(mySql);

System.out.println(mySql);

mySql = String.format("insert into AD values('%s','%s')",textField\_3.getText(),textField\_4.getText() );

Database.executeSQL(mySql);

System.out.println(mySql);

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD");

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNO = rs.getString("GNO");

String GNA = rs.getString("GNA");

String GTE = rs.getString("GTE");

String GAD = rs.getString("GAD");

String GPO = rs.getString("GPO");

Vector v = new Vector();

v.add(GNO);

v.add(GNA);

v.add(GTE);

v.add(GAD);

v.add(GPO);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

btnNewButton.setBounds(25, 252, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNO = rs.getString("GNO");

String GNA = rs.getString("GNA");

String GTE = rs.getString("GTE");

String GAD = rs.getString("GAD");

String GPO = rs.getString("GPO");

Vector v = new Vector();

v.add(GNO);

v.add(GNA);

v.add(GTE);

v.add(GAD);

v.add(GPO);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.4 AddPaper.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

public class AddPaper extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JTextField textField\_3;

private JTextField textField\_4;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"编号","名称","单价","版式","单位"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// AddPaper frame = new AddPaper();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public AddPaper() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(5);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

JLabel lblNewLabel = new JLabel("编号");

lblNewLabel.setBounds(10, 66, 60, 23);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(43, 65, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("名称");

lblNewLabel\_1.setBounds(10, 101, 60, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(43, 100, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("单价");

lblNewLabel\_2.setBounds(10, 134, 60, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(43, 134, 75, 26);

add(textField\_2);

JLabel lblNewLabel\_3 = new JLabel("版面");

lblNewLabel\_3.setBounds(10, 172, 60, 23);

add(lblNewLabel\_3);

textField\_3 = new JTextField();

textField\_3.setColumns(10);

textField\_3.setBounds(43, 171, 75, 26);

add(textField\_3);

JLabel lblNewLabel\_4 = new JLabel("单位");

lblNewLabel\_4.setBounds(10, 207, 60, 23);

add(lblNewLabel\_4);

textField\_4 = new JTextField();

textField\_4.setColumns(10);

textField\_4.setBounds(43, 206, 75, 26);

add(textField\_4);

btnNewButton = new JButton("\u6DFB\u52A0");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("新增报纸信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = String.format("insert into P values('%s','%s','%s','%s','%s')",textField.getText(),textField\_1.getText(),textField\_2.getText(),textField\_3.getText() ,textField\_4.getText() );

Database.executeSQL(mySql);

System.out.println(mySql);

rs=Database.executeQuery("select \* from P");

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

btnNewButton.setBounds(25, 252, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.5 ChangeGP.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

public class ChangeGP extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"顾客名","顾客编号","报纸名","报纸编号","购买份数","应交费用"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// ChangeGP frame = new ChangeGP();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public ChangeGP() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(6);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

JLabel lblNewLabel = new JLabel("\u987E\u5BA2\u7F16\u53F7\uFF1A");

lblNewLabel.setBounds(25, 53, 75, 23);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(25, 74, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("\u62A5\u7EB8\u7F16\u53F7\uFF1A");

lblNewLabel\_1.setBounds(25, 112, 75, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(25, 135, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("\u6539\u4EFD\u6570\u4E3A\uFF1A");

lblNewLabel\_2.setBounds(25, 194, 75, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(25, 216, 75, 26);

add(textField\_2);

btnNewButton = new JButton("\u4FEE\u6539");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("更改购报信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "update PG set N = "+ textField\_2.getText()+" where GNO = '"+textField.getText()+"' and PNO='"+textField\_1.getText()+"'";

Database.executeSQL(mySql);

System.out.println(mySql);

int row=dtm.getRowCount();

for(int i=0;i<row;i++){

dtm.removeRow(0);

}

rs=Database.executeQuery("select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNA = rs.getString("GNA");

String GNO = rs.getString("GNO");

String PNA = rs.getString("PNA");

String PNO = rs.getString("PNO");

int N = rs.getInt("N");

int PPR = rs.getInt("PPR");

Vector v = new Vector();

v.add(GNA);

v.add(GNO);

v.add(PNA);

v.add(PNO);

v.add(N);

v.add(N\*PPR);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

btnNewButton.setBounds(25, 252, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(138, 10, 391, 295);

add(scrollPane);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNA = rs.getString("GNA");

String GNO = rs.getString("GNO");

String PNA = rs.getString("PNA");

String PNO = rs.getString("PNO");

int N = rs.getInt("N");

int PPR = rs.getInt("PPR");

Vector v = new Vector();

v.add(GNA);

v.add(GNO);

v.add(PNA);

v.add(PNO);

v.add(N);

v.add(N\*PPR);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.6 ChangeGuest.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

public class ChangeGuest extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JTextField textField\_3;

private JTextField textField\_4;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"编号","名字","电话","地址","邮政编码"};

private JLabel lblNewLabel\_1\_2;

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// ChangeGuest frame = new ChangeGuest();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public ChangeGuest() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(5);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

textField = new JTextField();

textField.setBounds(23, 59, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("\u59D3\u540D");

lblNewLabel\_1.setBounds(8, 131, 60, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(41, 130, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("\u7535\u8BDD");

lblNewLabel\_2.setBounds(8, 164, 60, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(41, 164, 75, 26);

add(textField\_2);

JLabel lblNewLabel\_3 = new JLabel("\u5730\u5740");

lblNewLabel\_3.setBounds(8, 202, 60, 23);

add(lblNewLabel\_3);

textField\_3 = new JTextField();

textField\_3.setColumns(10);

textField\_3.setBounds(41, 201, 75, 26);

add(textField\_3);

JLabel lblNewLabel\_4 = new JLabel("\u90AE\u7F16");

lblNewLabel\_4.setBounds(8, 237, 60, 23);

add(lblNewLabel\_4);

textField\_4 = new JTextField();

textField\_4.setColumns(10);

textField\_4.setBounds(41, 236, 75, 26);

add(textField\_4);

btnNewButton = new JButton("\u66F4\u6539");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("修改顾客信息");

Database.joinDB();

String mySql = "select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD ";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认修改信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "update G set GNA = '"+ textField\_1.getText()+"' ,GTE = '"+textField\_2.getText()+"' ,G.GAD ='"+textField\_3.getText()+"' where GNO = '"+ textField.getText() +"'";

Database.executeSQL(mySql);

System.out.println(mySql);

mySql = "update AD set GPO = '"+textField\_4.getText()+"' where GAD = '"+textField\_3.getText()+"'";

Database.rs = Database.executeQuery("select \* from AD where GPO = '"+textField\_4.getText() +"' and GAD = '"+textField\_3.getText()+"'" );

if(Database.recCount(Database.rs)>0 ) {

System.out.println("AD changed");

}

else{

System.out.println("插入新的值");

Database.executeSQL( String.format("insert into AD values('%s','%s')",textField\_3.getText(),textField\_4.getText() ) );

}

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD ");

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNO = rs.getString("GNO");

String GNA = rs.getString("GNA");

String GTE = rs.getString("GTE");

String GAD = rs.getString("GAD");

String GPO = rs.getString("GPO");

Vector v = new Vector();

v.add(GNO);

v.add(GNA);

v.add(GTE);

v.add(GAD);

v.add(GPO);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

btnNewButton.setBounds(23, 282, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

JLabel lblNewLabel\_1\_1 = new JLabel("\u8981\u66F4\u65B0\u7684\u7F16\u53F7\uFF1A");

lblNewLabel\_1\_1.setBounds(8, 23, 95, 26);

add(lblNewLabel\_1\_1);

lblNewLabel\_1\_2 = new JLabel("\u8981\u66F4\u65B0\u7684\u503C\uFF1A");

lblNewLabel\_1\_2.setBounds(25, 95, 95, 26);

add(lblNewLabel\_1\_2);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD ");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNO = rs.getString("GNO");

String GNA = rs.getString("GNA");

String GTE = rs.getString("GTE");

String GAD = rs.getString("GAD");

String GPO = rs.getString("GPO");

Vector v = new Vector();

v.add(GNO);

v.add(GNA);

v.add(GTE);

v.add(GAD);

v.add(GPO);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.7 ChangePaper.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

public class ChangePaper extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JTextField textField\_3;

private JTextField textField\_4;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"编号","名称","单价","版式","单位"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// ChangePaper frame = new ChangePaper();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public ChangePaper() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(5);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

JLabel lblNewLabel = new JLabel("\u8981\u66F4\u65B0\u7684\u7F16\u53F7\uFF1A");

lblNewLabel.setBounds(10, 31, 108, 23);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(20, 64, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("名称");

lblNewLabel\_1.setBounds(10, 141, 60, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(43, 140, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("单价");

lblNewLabel\_2.setBounds(10, 174, 60, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(43, 174, 75, 26);

add(textField\_2);

JLabel lblNewLabel\_3 = new JLabel("版面");

lblNewLabel\_3.setBounds(10, 212, 60, 23);

add(lblNewLabel\_3);

textField\_3 = new JTextField();

textField\_3.setColumns(10);

textField\_3.setBounds(43, 211, 75, 26);

add(textField\_3);

JLabel lblNewLabel\_4 = new JLabel("单位");

lblNewLabel\_4.setBounds(10, 247, 60, 23);

add(lblNewLabel\_4);

textField\_4 = new JTextField();

textField\_4.setColumns(10);

textField\_4.setBounds(43, 246, 75, 26);

add(textField\_4);

btnNewButton = new JButton("\u66F4\u6539");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("修改报纸信息");

Database.joinDB();

String mySql = "";

if(textField.getText().equals("") ||textField\_1.getText().equals("")||textField\_2.getText().equals("")||textField\_3.getText().equals("")||textField\_4.getText().equals("")) {

int opt = JOptionPane.showConfirmDialog(null, "请输入完整的信息！","",JOptionPane.DEFAULT\_OPTION); //0确认 2取消

}else {

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

mySql = "update P set PNA = '"+ textField\_1.getText()+"' ,PPR = "+textField\_2.getText()+" ,PSI ='"+textField\_3.getText()+"' ,PDW = '"+textField\_4.getText()+"' where PNO = '"+ textField.getText() +"'";

Database.executeSQL(mySql);

System.out.println(mySql);

rs=Database.executeQuery("select \* from P");

int row=dtm.getRowCount();

for(int i=0;i<row;i++){

dtm.removeRow(0);

}

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

}

});

btnNewButton.setBounds(20, 282, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

JLabel lblNewLabel\_5 = new JLabel("\u8981\u66F4\u65B0\u7684\u503C\uFF1A");

lblNewLabel\_5.setBounds(10, 100, 108, 23);

add(lblNewLabel\_5);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.8 Configini.java

/\*\*

\*##############################################################################

\* [ 函数说明 ] :

\*

\* [## public static String getIniKey (String k) {} ]:

\* 功能: 获得INI文件中的指定键的键值

\*

\* [## public static void setIniKey (String k, String v) {} ]:

\* 功能: 设置k键的键值为v对象

\*

\* [## public static void saveIni (String k[]) {} ]:

\* 功能: 将k字符数组中所有键所对应的键值保存到INI文件中

\*

\* [ 遗留问题 ] : setIniKey ()方法不能处理键值中的转义字符

\*

\*##############################################################################

\*/

package UI;

import java.util.\*;

import java.io.\*;

public class ConfigIni {

//成员变量

private static Properties ini = null;

static {

try {

ini = new Properties();

ini.load (new FileInputStream ("Config.ini"));

}

catch (Exception ex) {

System.out.println ("Load CONFIG.INI is false!!");

}//End try

}

public static String getIniKey (String k) {

if(!ini.containsKey (k)) { //是否有 k 这个键

System.out.println ("The [ " + k + " ] Key is not exist!!");

return "";

} //End if(!ini.containsKey (k))

return ini.get (k).toString ();

}

public static void setIniKey (String k, String v) {

if(!ini.containsKey (k)) { //是否有 k 这个键

System.out.println ("The [ " + k + " ] Key is not exist!!");

return;

}//End if(!ini.containsKey (k))

ini.put (k, v);

}

public static void saveIni (String k[]) {

try {

FileWriter fw = new FileWriter ("config.ini");

BufferedWriter bw = new BufferedWriter ( fw );

//循环变量i是k字符串数组的下标

for (int i = 0; i < k.length; i++) {

bw.write (k[i] + "=" + getIniKey (k[i]));

bw.newLine ();

}//End for

bw.close ();

fw.close ();

}catch (Exception ex) {

System.out.println ("Save CONFIG.INI is false.");

}//End try

}

}

## 6.9 DataBase.java

//数据库联接类

package UI;

import java.sql.\*;

import javax.swing.JComboBox;

import javax.swing.JList;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import java.io.File;

public class Database {

public static Connection cn;

public static Statement st;

public static Statement st2;

public static ResultSet rs;

public static String dbms;

public static String Linknum="0";

// below for SQL Server

static String user = ConfigIni.getIniKey ("UserID");

static String pwd = ConfigIni.getIniKey ("Password");

static String ip = ConfigIni.getIniKey ("IP");

static String acc = ConfigIni.getIniKey ("Access");

static String dbf = ConfigIni.getIniKey ("DataBase");

public static boolean joinDB() {

boolean joinFlag;

try {

joinFlag = true;

if(ConfigIni.getIniKey ("Default\_Link").equals ("1")) { //JDBC连接方式

//注册驱动

DriverManager.registerDriver (new com.microsoft.sqlserver.jdbc.SQLServerDriver()); //2005

//获得一个连接

String url = "jdbc:sqlserver://" + ip + ":" + acc + ";" + "databasename=" + dbf; //2005

cn = DriverManager.getConnection (url, user, pwd);

}

//建立高级载体

st = cn.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_READ\_ONLY);

st2 = cn.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_READ\_ONLY);

}

catch (Exception ex) {

System.out.println(ex.getMessage().toString()+"--");

JOptionPane.showMessageDialog (null, "数据库连接失败....."+ex.getMessage().toString(), "错误", JOptionPane.ERROR\_MESSAGE);

System.exit(0);

joinFlag = false;

//ex.printStackTrace();

}//End try

return joinFlag;

}

public static boolean executeSQL(String sqlString) {

boolean executeFlag;

try {

st.execute(sqlString);

} catch (SQLException e) {

e.printStackTrace();

}

executeFlag = true;

return executeFlag;

}

public static boolean query(String sqlString) {

try {

rs = null;

rs = st.executeQuery(sqlString);

} catch (Exception Ex) {

System.out.println("sql exception:" + Ex);

return false;

}

return true;

}

public static int recCount(ResultSet rrs) {

int i = 0;

try {

if(rrs.getRow() != 0)

rrs.beforeFirst();

//while用于计算rrs的记录条数

while(rrs.next())

i++;

rrs.beforeFirst();

}

catch(Exception ex) {

ex.printStackTrace();

}//End try

return i;

}

// use another statement st2

public static int executeUpdate(String sql) {

int i = 0 ;

try {

st2 = cn.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_READ\_ONLY); // 需要此句否则相互干扰

i = st2.executeUpdate(sql) ;

cn.commit();

}

catch(Exception e) {

e.printStackTrace() ;

}//End try

return i ;

}

// use another statement st2

public static ResultSet executeQuery(String sql) {

ResultSet rs = null ;

try {

st2 = cn.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_READ\_ONLY);// 需要此句否则相互干扰

rs = st2.executeQuery(sql) ;

}catch(Exception e) {

e.printStackTrace() ;

}//End try

return rs ;

}

/\*\*=======================================================================\*\*

\* [## public static void initJComboBox (JComboBox cb, String sqlCode) {} ] :

\* 参数 ：JComboBox表示要加数据的下拉框, String对象表示一条SQL语句

\* 返回值 ：JComboBox, 表示返回一个加好Item的JComboBox对象

\* 修饰符 ：public static 可以不实例化对象而直接调用方法

\* 功能 ：按SQL语句从数据库选出Items加入JComboBox

\*\*=======================================================================\*\*

\*/

public static void initJComboBox (JComboBox jComboBox, String sqlCode) {

jComboBox.removeAllItems();

try {

ResultSet rs = executeQuery (sqlCode);

int row = recCount (rs);

//从结果集中取出Item加入JComboBox中

if(row != 0) rs.beforeFirst ();

for (int i = 0; i < row; i++) {

rs.next();

jComboBox.addItem (rs.getString (1));

}

jComboBox.addItem("");

}

catch (Exception ex) {

System.out.println ("sunsql.initJComboBox (): false");

}

}

public static void setJComboBox (JComboBox jComboBox, String item) {

try {

jComboBox.setSelectedItem(item);

}

catch (Exception ex) {

System.out.println ("setJComboBox (): false");

}

}

/\*\*=======================================================================\*\*

\* [## public static void initJList (JList jt, String sqlCode) {} ] :

\* 参数 ：JList表示要加数据的列表框, String对象表示一条SQL语句

\* 返回值 ：无

\* 修饰符 ：public static 可以不实例化对象而直接调用方法

\* 功能 ：按SQL语句从数据库选出数据加入JList

\*\*=======================================================================\*\*

\*/

public static void initJList (JList jt, String sqlCode) {

try {

ResultSet rs = executeQuery (sqlCode);

int row = recCount (rs);

String list[] = new String[row];

//从结果集中取出数据存入数组中

if(row != 0) rs.beforeFirst ();

for (int i = 0; i < row; i++) {

rs.next();

list[i] = rs.getString(1);

}//Endfor

jt.setListData(list); //初始化List

}

catch (Exception ex) {

System.out.println ("sunsql.initJList(): false");

}//Endtry

}

/\*\*=======================================================================\*\*

\* [## public static void initDTM (DefaultTableModel fdtm, String sqlCode) {} ] :

\* 参数 ：DefaultTableModel对象表示要添充数据的表模式

\* String对象表示一条SQL语句

\* 返回值 ：无

\* 修饰符 ：public static 可以不实例化对象而直接调用方法

\* 功能 ：按SQL语句从数据库中获得数据，添加到fdtm中(也可以说JTable中)

\*\*=======================================================================\*\*

\*/

public static void initDTM (DefaultTableModel fdtm, String sqlCode) {

try {

ResultSet rs = executeQuery( sqlCode ); //获得结果集

int row = recCount( rs ); //获得结果集中有几行数据

ResultSetMetaData rsm =rs.getMetaData(); //获得列集

int col = rsm.getColumnCount(); //获得列的个数

String colName[] = new String[col];

//取结果集中的表头名称, 放在colName数组中

for (int i = 0; i < col; i++) {

colName[i] = rsm.getColumnName( i + 1 );

}//End for

if(row != 0) rs.beforeFirst();

String data[][] = new String[row][col];

//取结果集中的数据, 放在data数组中

for (int i = 0; i < row; i++) {

rs.next();

for (int j = 0; j < col; j++) {

data[i][j] = rs.getString (j + 1);

//System.out.println (data[i][j]);

}

}//End for

fdtm.setDataVector (data, colName);

}

catch (Exception ex) {

System.out.println ("SmallSql.initDTM (): false");

}//End try

}

/\*\*=======================================================================\*\*

\* [## public static boolean insert(String sqlString) {} ] :

\* 参数 ：String对象表示一条SQL语句

\* 返回值 ：boolean

\* 修饰符 ：public static 可以不实例化对象而直接调用方法

\* 功能 ：按SQL语句向数据库中插入数据

\*\*=======================================================================\*\*

\*/

public static boolean insert(String sqlString) {

boolean insertFlag;

try {

st2.executeUpdate(sqlString);

insertFlag = true;

}

catch (Exception e) {

insertFlag = false;

System.out.println("sql exception:" + e.getMessage());

}

return insertFlag;

}

private boolean isAlphater(char ch) {

if(ch >= 'a' && ch <= 'z' || ch >= 'A' && ch <= 'Z')

return true;

else

return false;

}

}

6.9 DeleteGP.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextArea;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.awt.Font;

public class DeleteGP extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"顾客名","顾客编号","报纸名","报纸编号","购买份数","应交费用"};

private JTextField textField\_1;

private JLabel lblNewLabel\_1;

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// DeleteGP frame = new DeleteGP();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public DeleteGP() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(7);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

textField = new JTextField();

textField.setBounds(25, 77, 75, 26);

add(textField);

textField.setColumns(10);

btnNewButton = new JButton("\u5220\u9664");

btnNewButton.setFont(new Font("黑体", Font.PLAIN, 15));

btnNewButton.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

System.out.println("删除");

int opt = JOptionPane.showConfirmDialog(null, "确认删除报纸信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

if(Database.joinDB()) {

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.executeSQL("delete from PG where GNO = '"+textField.getText()+"' and PNO = '"+textField\_1.getText()+"'");

rs=Database.executeQuery("select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNA = rs.getString("GNA");

String GNO = rs.getString("GNO");

String PNA = rs.getString("PNA");

String PNO = rs.getString("PNO");

int N = rs.getInt("N");

int PPR = rs.getInt("PPR");

Vector v = new Vector();

v.add(GNA);

v.add(GNO);

v.add(PNA);

v.add(PNO);

v.add(N);

v.add(N\*PPR);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

else {

;

}

}

});

btnNewButton.setBounds(25, 207, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

JLabel lblNewLabel = new JLabel("\u5BA2\u4EBA\u7F16\u53F7\uFF1A");

lblNewLabel.setBounds(25, 42, 91, 26);

add(lblNewLabel);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(25, 162, 75, 26);

add(textField\_1);

lblNewLabel\_1 = new JLabel("\u62A5\u7EB8\u7F16\u53F7\uFF1A");

lblNewLabel\_1.setBounds(25, 127, 91, 26);

add(lblNewLabel\_1);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

rs=Database.executeQuery("select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNA = rs.getString("GNA");

String GNO = rs.getString("GNO");

String PNA = rs.getString("PNA");

String PNO = rs.getString("PNO");

int N = rs.getInt("N");

int PPR = rs.getInt("PPR");

Vector v = new Vector();

v.add(GNA);

v.add(GNO);

v.add(PNA);

v.add(PNO);

v.add(N);

v.add(N\*PPR);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.10 DeleteGuest.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextArea;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.awt.Font;

public class DeleteGuest extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"编号","名字","电话","地址","邮政编码"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// DeleteGuest frame = new DeleteGuest();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public DeleteGuest() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(5);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

textField = new JTextField();

textField.setBounds(25, 77, 75, 26);

add(textField);

textField.setColumns(10);

btnNewButton = new JButton("\u5220\u9664");

btnNewButton.setFont(new Font("黑体", Font.PLAIN, 15));

btnNewButton.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

System.out.println("删除");

String myid = textField.getText();

int opt = JOptionPane.showConfirmDialog(null, "确认删除顾客信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

if(Database.joinDB()) {

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.executeSQL("delete from PG where GNO = '"+myid+"'");

Database.executeSQL( "delete from G where GNO = '" +myid+"'");

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD ");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNO = rs.getString("GNO");

String GNA = rs.getString("GNA");

String GTE = rs.getString("GTE");

String GAD = rs.getString("GAD");

String GPO = rs.getString("GPO");

Vector v = new Vector();

v.add(GNO);

v.add(GNA);

v.add(GTE);

v.add(GAD);

v.add(GPO);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

else {

;

}

}

});

btnNewButton.setBounds(25, 207, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

JLabel lblNewLabel = new JLabel("\u8BF7\u8F93\u5165\u7F16\u53F7\uFF1A");

lblNewLabel.setBounds(25, 42, 91, 26);

add(lblNewLabel);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNO = rs.getString("GNO");

String GNA = rs.getString("GNA");

String GTE = rs.getString("GTE");

String GAD = rs.getString("GAD");

String GPO = rs.getString("GPO");

Vector v = new Vector();

v.add(GNO);

v.add(GNA);

v.add(GTE);

v.add(GAD);

v.add(GPO);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.11 DeletePaper.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextArea;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.awt.Font;

public class DeletePaper extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"编号","名称","单价","版式","单位"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// DeletePaper frame = new DeletePaper();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public DeletePaper() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(5);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

textField = new JTextField();

textField.setBounds(25, 77, 75, 26);

add(textField);

textField.setColumns(10);

btnNewButton = new JButton("\u5220\u9664");

btnNewButton.setFont(new Font("黑体", Font.PLAIN, 15));

btnNewButton.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

System.out.println("删除");

String myid = textField.getText();

int opt = JOptionPane.showConfirmDialog(null, "确认删除报纸信息吗?","",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

if(Database.joinDB()) {

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.executeSQL("delete from PG where PNO = '"+myid+"'");

Database.executeSQL( "delete from P where PNO = '" +myid+"'");

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

else {

;

}

}

});

btnNewButton.setBounds(25, 207, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

JLabel lblNewLabel = new JLabel("\u8BF7\u8F93\u5165\u7F16\u53F7\uFF1A");

lblNewLabel.setBounds(25, 42, 91, 26);

add(lblNewLabel);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.12Functions.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.JRadioButton;

import javax.swing.border.EmptyBorder;

import javax.swing.JSplitPane;

import javax.swing.SwingConstants;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.Color;

import javax.swing.ButtonGroup;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.awt.geom.RoundRectangle2D;

import java.awt.FlowLayout;

import java.awt.Graphics;

import java.awt.Font;

import java.awt.Toolkit;

public class Functions extends JFrame {

private JPanel contentPane;

JPanel panel = new JPanel(){

public void paintComponent(Graphics g) {

super.paintComponent(g);

ImageIcon ii = new ImageIcon("Pic/蓝色侧边栏.jpg");

g.drawImage(ii.getImage(), 0, 0, getWidth(), getHeight(), ii.getImageObserver());

}

};

JPanel panel\_1 = new JPanel();

InterfacePaper PIF = new InterfacePaper();

InterfaceGuest GIF = new InterfaceGuest();

InterfaceGP SIF = new InterfaceGP();

InterfaceAccount AIF = new InterfaceAccount();

// private PaperInterface Interface1 = new PaperInterface();

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// Functions frame = new Functions();

// InterfacePaper tem = new InterfacePaper();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public Functions() {

setUndecorated(true);

setShape(new RoundRectangle2D.Double(0, 0, 784, 496, 20, 20));

setIconImage(Toolkit.getDefaultToolkit().getImage(Functions.class.getResource("/Pic/D.png")));

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 784, 496);

setLocationRelativeTo(null);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

panel.setBackground(Color.BLACK);

panel.setBounds(0, 0, 115, 496);

contentPane.add(panel);

panel.setLayout(null);

panel\_1.setBackground(new Color(72,173,251));

panel\_1.setBounds(114, 0, 680, 498);

contentPane.add(panel\_1);

panel\_1.setLayout(null);

JButton btnNewButton\_2 = new JButton("");

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

setExtendedState(JFrame.ICONIFIED);

}

});

btnNewButton\_2.setIcon(new ImageIcon(Functions.class.getResource("/Pic/green.png")));

btnNewButton\_2.setBackground(Color.CYAN);

btnNewButton\_2.setBounds(598, 10, 15, 15);

panel\_1.add(btnNewButton\_2);

JButton btnNewButton\_2\_1 = new JButton("");

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

btnNewButton\_2\_1.setIcon(new ImageIcon(Functions.class.getResource("/Pic/red.png")));

btnNewButton\_2\_1.setBackground(Color.RED);

btnNewButton\_2\_1.setBounds(639, 10, 15, 15);

panel\_1.add(btnNewButton\_2\_1);

PIF.setBounds(0, 0, 669, 496);

GIF.setBounds(0, 0, 669, 496);

SIF.setBounds(0, 0,669, 496);

AIF.setBounds(0, 0, 669, 496);

JLabel lblNewLabel = new JLabel("");

lblNewLabel.setIcon(new ImageIcon(Functions.class.getResource("/Pic/logo.png")));

lblNewLabel.setForeground(Color.YELLOW);

lblNewLabel.setBackground(new Color(255, 255, 0));

lblNewLabel.setBounds(5, 12, 78, 77);

panel.add(lblNewLabel);

JRadioButton btnNewButton = new JRadioButton("");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

}

});

btnNewButton.setFont(new Font("微软雅黑", Font.BOLD, 13));

btnNewButton.setForeground(Color.WHITE);

btnNewButton.setIcon(new ImageIcon(Functions.class.getResource("/Pic/\u62A5\u7EB8-.png")));

btnNewButton.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent arg0) {

System.out.println("报纸界面");

panel\_1.removeAll();

panel\_1.add(PIF);

panel\_1.repaint();

PIF.repaint();

}

});

btnNewButton.setBounds(33, 104, 61, 67);

panel.add(btnNewButton);

JRadioButton btnNewButton\_1 = new JRadioButton("");

btnNewButton\_1.setFont(new Font("微软雅黑", Font.BOLD, 13));

btnNewButton\_1.setIcon(new ImageIcon(Functions.class.getResource("/Pic/\u987E\u5BA2-.png")));

btnNewButton\_1.setForeground(Color.WHITE);

btnNewButton\_1.setBackground(new Color(102, 204, 255));

btnNewButton\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent arg0) {

System.out.println("客户界面");

panel\_1.removeAll();

panel\_1.add(GIF);

panel\_1.repaint();

GIF.repaint();

}

});

btnNewButton\_1.setBounds(31, 196, 61, 67);

panel.add(btnNewButton\_1);

JRadioButton btnNewButton\_1\_1 = new JRadioButton("");

btnNewButton\_1\_1.setFont(new Font("微软雅黑", Font.BOLD, 13));

btnNewButton\_1\_1.setIcon(new ImageIcon(Functions.class.getResource("/Pic/\u8054\u7CFB-.png")));

btnNewButton\_1\_1.setForeground(Color.WHITE);

btnNewButton\_1\_1.setBackground(new Color(102, 204, 255));

btnNewButton\_1\_1.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

System.out.println("订报界面");

panel\_1.removeAll();

panel\_1.add(SIF);

panel\_1.repaint();

SIF.repaint();

}

});

btnNewButton\_1\_1.setBounds(33, 290, 61, 67);

panel.add(btnNewButton\_1\_1);

JRadioButton btnNewButton\_1\_2 = new JRadioButton("");

btnNewButton\_1\_2.setFont(new Font("微软雅黑", Font.BOLD, 13));

btnNewButton\_1\_2.setIcon(new ImageIcon(Functions.class.getResource("/Pic/\u8D26\u6237-.png")));

btnNewButton\_1\_2.setForeground(Color.WHITE);

btnNewButton\_1\_2.setBackground(new Color(102, 204, 255));

btnNewButton\_1\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("账户界面");

panel\_1.removeAll();

panel\_1.add(AIF);

panel\_1.repaint();

AIF.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","标题",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton\_1\_2.setBounds(27, 384, 78, 67);

panel.add(btnNewButton\_1\_2);

ButtonGroup BG = new ButtonGroup();

BG.add(btnNewButton);

BG.add(btnNewButton\_1);

BG.add(btnNewButton\_1\_1);

BG.add(btnNewButton\_1\_2);

btnNewButton.setContentAreaFilled(false);

btnNewButton.setRolloverIcon(new ImageIcon(Functions.class.getResource("/Pic/报纸.png"))); //鼠标

btnNewButton.setSelectedIcon(new ImageIcon(Functions.class.getResource("/Pic/报纸.png"))); //选中

btnNewButton\_1.setContentAreaFilled(false);

btnNewButton\_1.setRolloverIcon(new ImageIcon(Functions.class.getResource("/Pic/顾客.png"))); //鼠标

btnNewButton\_1.setSelectedIcon(new ImageIcon(Functions.class.getResource("/Pic/顾客.png"))); //选中

btnNewButton\_1\_1.setContentAreaFilled(false);

btnNewButton\_1\_1.setRolloverIcon(new ImageIcon(Functions.class.getResource("/Pic/联系.png"))); //鼠标

btnNewButton\_1\_1.setSelectedIcon(new ImageIcon(Functions.class.getResource("/Pic/联系.png"))); //选中

btnNewButton\_1\_2.setContentAreaFilled(false);

btnNewButton\_1\_2.setRolloverIcon(new ImageIcon(Functions.class.getResource("/Pic/账户.png"))); //鼠标

btnNewButton\_1\_2.setSelectedIcon(new ImageIcon(Functions.class.getResource("/Pic/账户.png")));

}

}

## 6.13InterfaceAccount.java

package UI;

import javax.swing.JPanel;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.FlowLayout;

import javax.swing.ButtonGroup;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JFrame;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import java.awt.Color;

import java.awt.EventQueue;

import java.awt.Font;

import java.awt.Graphics;

import javax.swing.JTextField;

import UI.Database;

import javax.swing.JComboBox;

import java.beans.PropertyChangeListener;

import java.beans.PropertyChangeEvent;

import java.beans.VetoableChangeListener;

import java.awt.event.InputMethodListener;

import java.awt.event.InputMethodEvent;

import javax.swing.JRadioButton;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import javax.swing.border.LineBorder;

public class InterfaceAccount extends JPanel {

private JTextField textField;

private JTextField textField\_1;

private JComboBox comboBox = new JComboBox();

JRadioButton rdbtnNewRadioButton;

private JTextField textField\_2;

static Login newlogin;

/\*\*

\* Create the panel.

\*/

public InterfaceAccount() {

setBorder(null);

setBackground(new Color(238,238,238));

setLayout(null);

JLabel lblNewLabel = new JLabel("\u8D26\u6237\u7BA1\u7406");

lblNewLabel.setForeground(new Color(255, 255, 255));

lblNewLabel.setFont(new Font("微软雅黑", Font.BOLD, 22));

lblNewLabel.setBounds(278, 20, 118, 36);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(269, 136, 182, 36);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("\u65B0\u8D26\u53F7\uFF1A");

lblNewLabel\_1.setBounds(177, 139, 67, 33);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(269, 182, 182, 36);

add(textField\_1);

JLabel lblNewLabel\_1\_1 = new JLabel("\u65B0\u5BC6\u7801\uFF1A");

lblNewLabel\_1\_1.setBounds(177, 185, 67, 33);

add(lblNewLabel\_1\_1);

JLabel lblNewLabel\_2 = new JLabel("\u6DFB\u52A0\u8D26\u6237");

lblNewLabel\_2.setBounds(282, 111, 54, 15);

add(lblNewLabel\_2);

JLabel lblNewLabel\_1\_1\_1 = new JLabel("\u5DF2\u6709\u8D26\u53F7\uFF1A");

lblNewLabel\_1\_1\_1.setBounds(177, 347, 67, 33);

add(lblNewLabel\_1\_1\_1);

JLabel lblNewLabel\_2\_1 = new JLabel("\u5220\u9664\u8D26\u6237");

lblNewLabel\_2\_1.setBounds(282, 319, 54, 15);

add(lblNewLabel\_2\_1);

comboBox.setBounds(269, 347, 182, 36);

add(comboBox);

JButton btnNewButton = new JButton("\u786E\u8BA4\u5220\u9664");

btnNewButton.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent arg0) {

//删除账号

String deletename = new String();

deletename = (String) comboBox.getSelectedItem();

System.out.println("删除"+deletename);

int opt = JOptionPane.showConfirmDialog(null, "确认删除吗?"," ",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt==0) {//确认

Database.joinDB(); //连接数据库

String mySql = "delete from DBUSER where MYID = '"+ deletename+"'"; //设置查询语句

Database.executeSQL(mySql); //执行查询

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

Database.rs= Database.executeQuery(sql);

comboBox.removeAllItems();

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

}else {

}

}

});

btnNewButton.setBounds(473, 347, 91, 36);

add(btnNewButton);

JButton btnNewButton\_2 = new JButton("\u786E\u8BA4\u6DFB\u52A0");

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

System.out.println("添加用户");

String MYID = new String();

String MYPASSWORD = new String();

MYID = textField.getText();

MYPASSWORD = textField\_1.getText();

int MYAUTHORITY ;

if(rdbtnNewRadioButton.isSelected()) MYAUTHORITY = 1;

else MYAUTHORITY = 2;

String mysql = new String();

mysql = String.format( "INSERT INTO DBUSER VALUES('%s','%s',%d);", MYID,MYPASSWORD,MYAUTHORITY);

System.out.println(mysql);

int opt = JOptionPane.showConfirmDialog(null, "确认添加信息吗?"," ",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt == 0) {

Database.executeSQL(mysql);

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

Database.rs= Database.executeQuery(sql);

comboBox.removeAllItems();

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

}

else ;

}

});

btnNewButton\_2.setBounds(260, 260, 91, 33);

add(btnNewButton\_2);

JLabel lblNewLabel\_3 = new JLabel("\u9009\u62E9\u6743\u9650\uFF1A");

lblNewLabel\_3.setBounds(177, 228, 67, 33);

add(lblNewLabel\_3);

rdbtnNewRadioButton = new JRadioButton("\u67E5\u8BE2");

rdbtnNewRadioButton.setSelected(true);

rdbtnNewRadioButton.setBounds(266, 233, 78, 23);

add(rdbtnNewRadioButton);

JRadioButton rdbtnNewRadioButton\_1 = new JRadioButton("\u67E5\u8BE2\u4FEE\u6539");

rdbtnNewRadioButton\_1.setBounds(372, 233, 79, 23);

add(rdbtnNewRadioButton\_1);

ButtonGroup myButtonGroup = new ButtonGroup();

myButtonGroup.add(rdbtnNewRadioButton);

myButtonGroup.add(rdbtnNewRadioButton\_1);

JPanel panel = new JPanel() {

public void paintComponent(Graphics g) {

super.paintComponent(g);

ImageIcon ii = new ImageIcon("Pic/横幅.jpg");

g.drawImage(ii.getImage(), 0, 0, getWidth(), getHeight(), ii.getImageObserver());

}

};

panel.setBounds(0, 0, 668, 96);

add(panel);

panel.setLayout(null);

JButton btnNewButton\_2\_2 = new JButton("");

btnNewButton\_2\_2.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

Login.functionframe.setExtendedState(JFrame.ICONIFIED);

}

});

btnNewButton\_2\_2.setIcon(new ImageIcon(InterfaceAccount.class.getResource("/Pic/green.png")));

btnNewButton\_2\_2.setBackground(Color.CYAN);

btnNewButton\_2\_2.setBounds(598, 10, 15, 15);

panel.add(btnNewButton\_2\_2);

JButton btnNewButton\_2\_2\_1 = new JButton("");

btnNewButton\_2\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

btnNewButton\_2\_2\_1.setIcon(new ImageIcon(InterfaceAccount.class.getResource("/Pic/red.png")));

btnNewButton\_2\_2\_1.setBackground(Color.CYAN);

btnNewButton\_2\_2\_1.setBounds(639, 10, 15, 15);

panel.add(btnNewButton\_2\_2\_1);

JButton btnNewButton\_1 = new JButton("\u786E\u8BA4\u4FEE\u6539");

btnNewButton\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent arg0) {

//修改账号

String deletename = new String();

deletename = (String) comboBox.getSelectedItem();

System.out.println("删除"+deletename);

int opt = JOptionPane.showConfirmDialog(null, "确认修改吗?"," ",JOptionPane.OK\_CANCEL\_OPTION ); //0确认 2取消

if(opt==0) {//确认

Database.joinDB(); //连接数据库

deletename = (String) comboBox.getSelectedItem();

String mySql = "update DBUSER set MYPASSWORD = '"+ textField\_2.getText() +"' "+ "where MYID = '"+ deletename +"'";

textField\_2.setText("");

Database.executeSQL(mySql); //执行查询

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

Database.rs= Database.executeQuery(sql);

comboBox.removeAllItems();

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

}else {

}

}

});

btnNewButton\_1.setBounds(473, 389, 91, 36);

add(btnNewButton\_1);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(269, 390, 182, 36);

add(textField\_2);

JLabel lblNewLabel\_1\_1\_1\_1 = new JLabel("\u65B0\u7684\u5BC6\u7801\uFF1A");

lblNewLabel\_1\_1\_1\_1.setBounds(177, 390, 67, 33);

add(lblNewLabel\_1\_1\_1\_1);

JPanel panel\_1\_1 = new JPanel();

panel\_1\_1.setBorder(new LineBorder(new Color(0, 0, 0)));

panel\_1\_1.setBounds(108, 312, 472, 156);

add(panel\_1\_1);

JButton btnNewButton\_2\_1 = new JButton("\u91CD\u65B0\u767B\u9646");

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

newlogin = new Login();

newlogin.setVisible(true);

Login.functionframe.dispose();

}

});

btnNewButton\_2\_1.setBounds(361, 260, 91, 33);

add(btnNewButton\_2\_1);

JPanel panel\_1 = new JPanel();

panel\_1.setBorder(new LineBorder(new Color(0, 0, 0)));

panel\_1.setBounds(108, 106, 472, 200);

add(panel\_1);

String sql="select \* from DBUSER";

if(Database.joinDB()) {

try{

comboBox.removeAllItems();

Database.rs= Database.executeQuery(sql);

if(Database.recCount(Database.rs)>0){

while(Database.rs.next()){

String name=Database.rs.getString("MYID");

comboBox.addItem(name);

}

}

}

catch(Exception e){}

}

}

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// JFrame frame = new JFrame();

// frame.setBounds(10, 91, 634, 356);

// frame.getContentPane().add( new InterfaceAccount() );

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

}

## 6.14InterfaceGP.java

package UI;

import javax.swing.JPanel;

import javax.swing.JTable;

import javax.swing.table.DefaultTableModel;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.FlowLayout;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JFrame;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import java.awt.Color;

import java.awt.EventQueue;

import java.awt.Font;

import java.awt.Graphics;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

public class InterfaceGP extends JPanel {

JPanel panel = new JPanel();

/\*\*

\* Create the panel.

\*/

JTable table;

DefaultTableModel dtm;

QueryGP QGP;

DeleteGP DGP;

ChangeGP CGP;

AddGP AGP;

public InterfaceGP() {

setBackground(new Color(238,238,238));

setLayout(null);

JLabel lblNewLabel = new JLabel("\u8BA2\u62A5\u7BA1\u7406");

lblNewLabel.setForeground(new Color(255, 255, 255));

lblNewLabel.setFont(new Font("微软雅黑", Font.BOLD, 22));

lblNewLabel.setBounds(278, 20, 118, 36);

add(lblNewLabel);

JButton btnNewButton = new JButton("\u589E\u52A0\u8BA2\u62A5");

btnNewButton.setIcon(new ImageIcon(InterfaceGP.class.getResource("/Pic/\u589E.png")));

btnNewButton.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton.setForeground(new Color(255, 255, 255));

btnNewButton.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("增加订报");

panel.setLayout(null);

panel.removeAll();

AGP = new AddGP();

AGP.setLocation(20, 20);

panel.add(AGP);

AGP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton.setBounds(53, 66, 130, 29);

add(btnNewButton);

JButton btnNewButton\_2 = new JButton("\u5220\u9664\u8BA2\u62A5");

btnNewButton\_2.setIcon(new ImageIcon(InterfaceGP.class.getResource("/Pic/\u5220.png")));

btnNewButton\_2.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_2.setForeground(new Color(255, 255, 255));

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("删除订报");

panel.setLayout(null);

panel.removeAll();

DGP = new DeleteGP();

DGP.setLocation(20, 20);

panel.add(DGP);

DGP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton\_2.setBounds(333, 66, 130, 29);

add(btnNewButton\_2);

JButton btnNewButton\_1 = new JButton("\u4FEE\u6539\u8BA2\u62A5");

btnNewButton\_1.setIcon(new ImageIcon(InterfaceGP.class.getResource("/Pic/\u6539.png")));

btnNewButton\_1.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_1.setForeground(new Color(255, 255, 255));

btnNewButton\_1.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent arg0) {

if(Login.authority==2) {

System.out.println("修改订报信息");

panel.setLayout(null);

panel.removeAll();

CGP = new ChangeGP();

CGP.setLocation(20, 20);

panel.add(CGP);

CGP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton\_1.setBounds(193, 66, 130, 29);

add(btnNewButton\_1);

JButton btnNewButton\_2\_1 = new JButton("\u67E5\u8BE2\u8BA2\u62A5");

btnNewButton\_2\_1.setIcon(new ImageIcon(InterfaceGP.class.getResource("/Pic/\u67E5.png")));

btnNewButton\_2\_1.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_2\_1.setForeground(new Color(255, 255, 255));

btnNewButton\_2\_1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

}

});

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent arg0) {

System.out.println("查询订报信息");

panel.setLayout(null);

panel.removeAll();

QGP = new QueryGP();

QGP.setLocation(20, 20);

panel.add(QGP);

QGP.repaint();

}

});

btnNewButton\_2\_1.setBounds(473, 66, 130, 29);

add(btnNewButton\_2\_1);

panel.setBackground(new Color(238,238,238));

panel.setBounds(46, 105, 595, 354);

add(panel);

JPanel panel\_1 = new JPanel() {

public void paintComponent(Graphics g) {

super.paintComponent(g);

ImageIcon ii = new ImageIcon("Pic/横幅.jpg");

g.drawImage(ii.getImage(), 0, 0, getWidth(), getHeight(), ii.getImageObserver());

}

};

panel\_1.setBackground(Color.BLACK);

panel\_1.setBounds(0, 0, 694, 96);

add(panel\_1);

panel\_1.setLayout(null);

JButton btnNewButton\_2\_2 = new JButton("");

btnNewButton\_2\_2.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

Login.functionframe.setExtendedState(JFrame.ICONIFIED);

}

});

btnNewButton\_2\_2.setIcon(new ImageIcon(InterfaceGP.class.getResource("/Pic/green.png")));

btnNewButton\_2\_2.setBackground(Color.CYAN);

btnNewButton\_2\_2.setBounds(598, 10, 15, 15);

panel\_1.add(btnNewButton\_2\_2);

JButton btnNewButton\_2\_2\_1 = new JButton("");

btnNewButton\_2\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

btnNewButton\_2\_2\_1.setIcon(new ImageIcon(InterfaceGP.class.getResource("/Pic/red.png")));

btnNewButton\_2\_2\_1.setBackground(Color.CYAN);

btnNewButton\_2\_2\_1.setBounds(639, 10, 15, 15);

panel\_1.add(btnNewButton\_2\_2\_1);

btnNewButton.setBorderPainted(false);

btnNewButton.setContentAreaFilled(false);

btnNewButton\_1.setBorderPainted(false);

btnNewButton\_1.setContentAreaFilled(false);

btnNewButton\_2.setBorderPainted(false);

btnNewButton\_2.setContentAreaFilled(false);

btnNewButton\_2\_1.setBorderPainted(false);

btnNewButton\_2\_1.setContentAreaFilled(false);

}

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// JFrame frame = new JFrame();

// frame.setBounds(10, 91, 634, 356);

// frame.getContentPane().add( new InterfaceGP() );

// frame.setVisible(true);

//

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

}

## 6.15InterfaceGuest.java

package UI;

import javax.swing.JPanel;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.FlowLayout;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JFrame;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import java.awt.Color;

import java.awt.EventQueue;

import java.awt.Font;

import java.awt.Graphics;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

public class InterfaceGuest extends JPanel {

JPanel panel;

QueryGuest QG;

DeleteGuest DG;

ChangeGuest CG;

AddGuest AG;

/\*\*

\* Create the panel.

\*/

public InterfaceGuest() {

setBackground(new Color(238,238,238));

setLayout(null);

JLabel lblNewLabel = new JLabel("\u987E\u5BA2\u7BA1\u7406");

lblNewLabel.setForeground(new Color(255, 255, 255));

lblNewLabel.setFont(new Font("微软雅黑", Font.BOLD, 22));

lblNewLabel.setBounds(278, 20, 118, 36);

add(lblNewLabel);

JButton btnNewButton = new JButton("\u6DFB\u52A0\u987E\u5BA2");

btnNewButton.setForeground(new Color(255, 255, 255));

btnNewButton.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton.setIcon(new ImageIcon(InterfaceGuest.class.getResource("/Pic/\u589E.png")));

btnNewButton.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("增加客户信息");

panel.removeAll();

panel.setLayout(null);

AG = new AddGuest();

AG.setLocation(20, 20);

panel.add(AG);

AG.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton.setBounds(53, 66, 130, 29);

add(btnNewButton);

JButton btnNewButton\_2 = new JButton("\u5220\u9664\u987E\u5BA2");

btnNewButton\_2.setForeground(new Color(255, 255, 255));

btnNewButton\_2.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_2.setIcon(new ImageIcon(InterfaceGuest.class.getResource("/Pic/\u5220.png")));

btnNewButton\_2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

}

});

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("删除客户信息");

panel.removeAll();

panel.setLayout(null);

DG = new DeleteGuest();

DG.setLocation(20, 20);

panel.add(DG);

DG.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton\_2.setBounds(333, 66, 130, 29);

add(btnNewButton\_2);

JButton btnNewButton\_1 = new JButton("\u4FEE\u6539\u987E\u5BA2");

btnNewButton\_1.setForeground(new Color(255, 255, 255));

btnNewButton\_1.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_1.setIcon(new ImageIcon(InterfaceGuest.class.getResource("/Pic/\u6539.png")));

btnNewButton\_1.setSelectedIcon(null);

btnNewButton\_1.addMouseListener(new MouseAdapter() {

public void mousePressed(MouseEvent arg0) {

if(Login.authority==2) {

System.out.println("修改客户信息");

panel.removeAll();

panel.setLayout(null);

CG = new ChangeGuest();

CG.setLocation(20, 20);

panel.add(CG);

CG.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton\_1.setBounds(193, 66, 130, 29);

add(btnNewButton\_1);

JButton btnNewButton\_2\_1 = new JButton("\u67E5\u8BE2\u987E\u5BA2");

btnNewButton\_2\_1.setForeground(new Color(255, 255, 255));

btnNewButton\_2\_1.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_2\_1.setIcon(new ImageIcon(InterfaceGuest.class.getResource("/Pic/\u67E5.png")));

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.out.println("查询客户信息");

panel.removeAll();

panel.setLayout(null);

QG = new QueryGuest();

QG.setLocation(20, 20);

panel.add(QG);

QG.repaint();

}

});

btnNewButton\_2\_1.setBounds(473, 66, 130, 29);

add(btnNewButton\_2\_1);

panel = new JPanel();

panel.setBackground(new Color(238,238,238));

panel.setBounds(46, 105, 595, 354);

add(panel);

JPanel panel\_1 = new JPanel(){

public void paintComponent(Graphics g) {

super.paintComponent(g);

ImageIcon ii = new ImageIcon("Pic/横幅.jpg");

g.drawImage(ii.getImage(), 0, 0, getWidth(), getHeight(), ii.getImageObserver());

}

};

panel\_1.setBackground(Color.BLACK);

panel\_1.setBounds(0, 0, 679, 96);

add(panel\_1);

panel\_1.setLayout(null);

JButton btnNewButton\_2\_1\_1 = new JButton("");

btnNewButton\_2\_1\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

btnNewButton\_2\_1\_1.setIcon(new ImageIcon(InterfaceGuest.class.getResource("/Pic/red.png")));

btnNewButton\_2\_1\_1.setBackground(Color.RED);

btnNewButton\_2\_1\_1.setBounds(639, 10, 15, 15);

panel\_1.add(btnNewButton\_2\_1\_1);

JButton btnNewButton\_2\_2 = new JButton("");

btnNewButton\_2\_2.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

Login.functionframe.setExtendedState(JFrame.ICONIFIED);

}

});

btnNewButton\_2\_2.setIcon(new ImageIcon(InterfaceGuest.class.getResource("/Pic/green.png")));

btnNewButton\_2\_2.setBackground(Color.CYAN);

btnNewButton\_2\_2.setBounds(598, 10, 15, 15);

panel\_1.add(btnNewButton\_2\_2);

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

}

});

btnNewButton.setBorderPainted(false);

btnNewButton.setContentAreaFilled(false);

btnNewButton\_1.setBorderPainted(false);

btnNewButton\_1.setContentAreaFilled(false);

btnNewButton\_2.setBorderPainted(false);

btnNewButton\_2.setContentAreaFilled(false);

btnNewButton\_2\_1.setBorderPainted(false);

btnNewButton\_2\_1.setContentAreaFilled(false);

}

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// JFrame frame = new JFrame();

// frame.setBounds(10, 91, 634, 356);

// frame.getContentPane().add( new InterfaceGuest() );

// frame.setVisible(true);

//

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

}

## 6.16 InterfacePaper.java

package UI;

import javax.swing.JPanel;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.FlowLayout;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JFrame;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import java.awt.Color;

import java.awt.EventQueue;

import java.awt.Font;

import java.awt.Graphics;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

public class InterfacePaper extends JPanel {

JPanel panel ;

QueryPaper QP;

DeletePaper DP;

ChangePaper CP;

AddPaper AP;

/\*\*

\* Create the panel.

\*/

public InterfacePaper() {

setBackground(new Color(238,238,238));

setLayout(null);

JLabel lblNewLabel = new JLabel("\u62A5\u7EB8\u7BA1\u7406");

lblNewLabel.setForeground(new Color(255, 255, 255));

lblNewLabel.setFont(new Font("微软雅黑", Font.BOLD, 22));

lblNewLabel.setBounds(278, 20, 118, 36);

add(lblNewLabel);

JButton btnNewButton = new JButton("\u6DFB\u52A0\u62A5\u7EB8");

btnNewButton.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/\u589E.png")));

btnNewButton.setForeground(new Color(255, 255, 255));

btnNewButton.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("新增报纸");

panel.setLayout(null);

panel.removeAll();

AP = new AddPaper();

AP.setLocation(20, 20);

panel.add(AP);

AP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！"," ",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton.setBounds(53, 66, 130, 29);

add(btnNewButton);

JButton btnNewButton\_2 = new JButton("\u5220\u9664\u62A5\u7EB8");

btnNewButton\_2.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/\u5220.png")));

btnNewButton\_2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

}

});

btnNewButton\_2.setForeground(new Color(255, 255, 255));

btnNewButton\_2.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_2.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

if(Login.authority==2) {

System.out.println("删除报纸");

panel.setLayout(null);

panel.removeAll();

DP = new DeletePaper();

DP.setLocation(20, 20);

panel.add(DP);

DP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！"," ",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton\_2.setBounds(333, 66, 130, 29);

add(btnNewButton\_2);

JButton btnNewButton\_1 = new JButton("\u4FEE\u6539\u62A5\u7EB8");

btnNewButton\_1.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/\u6539.png")));

btnNewButton\_1.setForeground(new Color(255, 255, 255));

btnNewButton\_1.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_1.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent arg0) {

if(Login.authority==2) {

System.out.println("修改报纸信息");

panel.setLayout(null);

panel.removeAll();

CP = new ChangePaper();

CP.setLocation(20, 20);

panel.add(CP);

CP.repaint();

}

else {

int opt = JOptionPane.showConfirmDialog(null, "您没有权限！","",JOptionPane.DEFAULT\_OPTION ); //0确认 2取消

}

}

});

btnNewButton\_1.setBounds(193, 66, 130, 29);

add(btnNewButton\_1);

JButton btnNewButton\_2\_1 = new JButton("\u67E5\u8BE2\u62A5\u7EB8");

btnNewButton\_2\_1.setForeground(new Color(255, 255, 255));

btnNewButton\_2\_1.setFont(new Font("微软雅黑", Font.BOLD, 14));

btnNewButton\_2\_1.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/\u67E5.png")));

btnNewButton\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mousePressed(MouseEvent e) {

//报纸查询

System.out.println("查询报纸");

panel.setLayout(null);

panel.removeAll();

QP = new QueryPaper();

QP.setLocation(20, 20);

panel.add(QP);

QP.repaint();

}

});

btnNewButton\_2\_1.setBounds(473, 66, 130, 29);

add(btnNewButton\_2\_1);

panel = new JPanel();

panel.setBackground(new Color(238,238,238));

panel.setBounds(46, 105, 595, 354);

add(panel);

JPanel panel\_1 = new JPanel(){

public void paintComponent(Graphics g) {

super.paintComponent(g);

ImageIcon ii = new ImageIcon("Pic/横幅.jpg");

g.drawImage(ii.getImage(), 0, 0, getWidth(), getHeight(), ii.getImageObserver());

}

};

panel\_1.setBackground(Color.BLACK);

panel\_1.setBounds(0, 0, 692, 96);

add(panel\_1);

panel\_1.setLayout(null);

JButton btnNewButton\_2\_2 = new JButton("");

btnNewButton\_2\_2.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

Login.functionframe.setExtendedState(JFrame.ICONIFIED);

}

});

btnNewButton\_2\_2.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/green.png")));

btnNewButton\_2\_2.setBackground(Color.CYAN);

btnNewButton\_2\_2.setBounds(598, 10, 15, 15);

panel\_1.add(btnNewButton\_2\_2);

JButton btnNewButton\_2\_2\_1 = new JButton("");

btnNewButton\_2\_2\_1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

btnNewButton\_2\_2\_1.setIcon(new ImageIcon(InterfacePaper.class.getResource("/Pic/red.png")));

btnNewButton\_2\_2\_1.setBackground(Color.CYAN);

btnNewButton\_2\_2\_1.setBounds(639, 10, 15, 15);

panel\_1.add(btnNewButton\_2\_2\_1);

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

}

});

btnNewButton.setBorderPainted(false);

btnNewButton.setContentAreaFilled(false);

btnNewButton\_1.setBorderPainted(false);

btnNewButton\_1.setContentAreaFilled(false);

btnNewButton\_2.setBorderPainted(false);

btnNewButton\_2.setContentAreaFilled(false);

btnNewButton\_2\_1.setBorderPainted(false);

btnNewButton\_2\_1.setContentAreaFilled(false);

}

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// JFrame frame = new JFrame();

// frame.setBounds(10, 91, 634, 356);

// frame.getContentPane().add( new InterfacePaper() );

// frame.setVisible(true);

//

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

}

## 6.17QueryGP.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

public class QueryGP extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"顾客名","顾客编号","报纸名","报纸编号","购买份数","应交费用"};

private JTextField textField\_3;

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// QueryGP frame = new QueryGP();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public QueryGP() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(6);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

JLabel lblNewLabel = new JLabel("\u987E\u5BA2\u53F7");

lblNewLabel.setBounds(10, 66, 60, 23);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(53, 65, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("\u62A5\u7EB8\u53F7");

lblNewLabel\_1.setBounds(10, 101, 60, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(53, 99, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("\u4EFD\u6570");

lblNewLabel\_2.setBounds(10, 134, 60, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(53, 134, 75, 26);

add(textField\_2);

btnNewButton = new JButton("\u67E5\u8BE2");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("查询顾客信息");

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.joinDB();

String mySql = "select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO";

Boolean myflag = new Boolean(true);

if(textField.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and G.GNO = "+"'"+textField.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where G.GNO = "+"'"+textField.getText()+"'";

}

}

if(textField\_1.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and P.PNO = "+"'"+textField\_1.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where P.PNO = "+"'"+textField\_1.getText()+"'";

}

}

if(textField\_2.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and N = "+"'"+textField\_2.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where N = "+"'"+textField\_2.getText()+"'";

}

}

int tem = 0;

System.out.println(mySql);

rs=Database.executeQuery(mySql);

System.out.println("查询好了");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNA = rs.getString("GNA");

String GNO = rs.getString("GNO");

String PNA = rs.getString("PNA");

String PNO = rs.getString("PNO");

int N = rs.getInt("N");

int PPR = rs.getInt("PPR");

Vector v = new Vector();

v.add(GNA);

v.add(GNO);

v.add(PNA);

v.add(PNO);

v.add(N);

v.add(N\*PPR); tem = tem + N \* PPR;

dtm.addRow(v);

}

textField\_3.setText(String.format("%d", tem));

}

catch(Exception eRIQ){}

}

}

});

btnNewButton.setBounds(25, 252, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(138, 10, 391, 295);

add(scrollPane);

JLabel lblNewLabel\_2\_1 = new JLabel("\u603B\u8D39\u7528");

lblNewLabel\_2\_1.setBounds(411, 308, 60, 23);

add(lblNewLabel\_2\_1);

textField\_3 = new JTextField();

textField\_3.setEditable(false);

textField\_3.setColumns(10);

textField\_3.setBounds(454, 308, 75, 26);

add(textField\_3);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select GNA,G.GNO,P.PNA,P.PNO,PPR,N from G,P,PG where G.GNO = PG.GNO and P.PNO = PG.PNO");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNA = rs.getString("GNA");

String GNO = rs.getString("GNO");

String PNA = rs.getString("PNA");

String PNO = rs.getString("PNO");

int N = rs.getInt("N");

int PPR = rs.getInt("PPR");

Vector v = new Vector();

v.add(GNA);

v.add(GNO);

v.add(PNA);

v.add(PNO);

v.add(N);

v.add(N\*PPR);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.18 QueryGuest.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

public class QueryGuest extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JTextField textField\_3;

private JTextField textField\_4;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"编号","名字","电话","地址","邮政编码"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// QueryGuest frame = new QueryGuest();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public QueryGuest() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(5);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

JLabel lblNewLabel = new JLabel("编号");

lblNewLabel.setBounds(10, 66, 60, 23);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(43, 65, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("\u59D3\u540D");

lblNewLabel\_1.setBounds(10, 101, 60, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(43, 100, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("\u7535\u8BDD");

lblNewLabel\_2.setBounds(10, 134, 60, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(43, 134, 75, 26);

add(textField\_2);

JLabel lblNewLabel\_3 = new JLabel("\u5730\u5740");

lblNewLabel\_3.setBounds(10, 172, 60, 23);

add(lblNewLabel\_3);

textField\_3 = new JTextField();

textField\_3.setColumns(10);

textField\_3.setBounds(43, 171, 75, 26);

add(textField\_3);

JLabel lblNewLabel\_4 = new JLabel("\u90AE\u7F16");

lblNewLabel\_4.setBounds(10, 207, 60, 23);

add(lblNewLabel\_4);

textField\_4 = new JTextField();

textField\_4.setColumns(10);

textField\_4.setBounds(43, 206, 75, 26);

add(textField\_4);

btnNewButton = new JButton("\u67E5\u8BE2");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("查询顾客信息");

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.joinDB();

String mySql = "select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD";

Boolean myflag = new Boolean(true);

if(textField.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and GNO = "+"'"+textField.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where GNO = "+"'"+textField.getText()+"'";

}

}

if(textField\_1.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and GNA = "+"'"+textField\_1.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where GNA = "+"'"+textField\_1.getText()+"'";

}

}

if(textField\_2.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and GTE = "+"'"+textField\_2.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where GTE = "+"'"+textField\_2.getText()+"'";

}

}

if(textField\_3.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and G.GAD = "+"'"+textField\_3.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where G.GAD = "+"'"+textField\_3.getText()+"'";

}

}

if(textField\_4.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and AD.GPO = "+"'"+textField\_4.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where AD.GPO = "+"'"+textField\_4.getText()+"'";

}

}

System.out.println(mySql);

rs=Database.executeQuery(mySql);

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNO = rs.getString("GNO");

String GNA = rs.getString("GNA");

String GTE = rs.getString("GTE");

String GAD = rs.getString("GAD");

String GPO = rs.getString("GPO");

Vector v = new Vector();

v.add(GNO);

v.add(GNA);

v.add(GTE);

v.add(GAD);

v.add(GPO);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

});

btnNewButton.setBounds(25, 252, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select GNO,GNA,GTE,G.GAD,AD.GPO from G,AD where AD.GAD = G.GAD");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String GNO = rs.getString("GNO");

String GNA = rs.getString("GNA");

String GTE = rs.getString("GTE");

String GAD = rs.getString("GAD");

String GPO = rs.getString("GPO");

Vector v = new Vector();

v.add(GNO);

v.add(GNA);

v.add(GTE);

v.add(GAD);

v.add(GPO);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}

## 6.19QueryPaper.java

package UI;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.table.DefaultTableModel;

import UI.Database;

import javax.swing.JLabel;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.ResultSet;

import java.util.Vector;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import javax.swing.JTable;

public class QueryPaper extends JPanel {

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

private JTextField textField\_3;

private JTextField textField\_4;

private JButton btnNewButton;

JScrollPane scrollPane;

JTable table;

private ResultSet rs;

DefaultTableModel dtm;

String columns[] = {"编号","名称","单价","版式","单位"};

/\*\*

\* Launch the application.

\*/

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

// EventQueue.invokeLater(new Runnable() {

// public void run() {

// try {

// QueryPaper frame = new QueryPaper();

// frame.setVisible(true);

// } catch (Exception e) {

// e.printStackTrace();

// }

// }

// });

// }

/\*\*

\* Create the frame.

\*/

public QueryPaper() {

// setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

dtm = new DefaultTableModel();

dtm.setColumnCount(5);

dtm.setColumnIdentifiers(columns);

table = new JTable(dtm);

setBounds(100, 100, 545, 344);

setLayout(null);

JLabel lblNewLabel = new JLabel("编号");

lblNewLabel.setBounds(10, 66, 60, 23);

add(lblNewLabel);

textField = new JTextField();

textField.setBounds(43, 65, 75, 26);

add(textField);

textField.setColumns(10);

JLabel lblNewLabel\_1 = new JLabel("名称");

lblNewLabel\_1.setBounds(10, 101, 60, 23);

add(lblNewLabel\_1);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_1.setBounds(43, 100, 75, 26);

add(textField\_1);

JLabel lblNewLabel\_2 = new JLabel("单价");

lblNewLabel\_2.setBounds(10, 134, 60, 23);

add(lblNewLabel\_2);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

textField\_2.setBounds(43, 134, 75, 26);

add(textField\_2);

JLabel lblNewLabel\_3 = new JLabel("版面");

lblNewLabel\_3.setBounds(10, 172, 60, 23);

add(lblNewLabel\_3);

textField\_3 = new JTextField();

textField\_3.setColumns(10);

textField\_3.setBounds(43, 171, 75, 26);

add(textField\_3);

JLabel lblNewLabel\_4 = new JLabel("单位");

lblNewLabel\_4.setBounds(10, 207, 60, 23);

add(lblNewLabel\_4);

textField\_4 = new JTextField();

textField\_4.setColumns(10);

textField\_4.setBounds(43, 206, 75, 26);

add(textField\_4);

btnNewButton = new JButton("\u67E5\u8BE2");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

System.out.println("查询报纸信息");

int rc=dtm.getRowCount();

for(int i=0;i<rc;i++){

dtm.removeRow(0);

}

Database.joinDB();

String mySql = "select \* from P ";

Boolean myflag = new Boolean(false);

if(textField.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PNO = "+"'"+textField.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where PNO = "+"'"+textField.getText()+"'";

}

}

if(textField\_1.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PNA = "+"'"+textField\_1.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where PNA = "+"'"+textField\_1.getText()+"'";

}

}

if(textField\_2.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PPR = "+textField\_2.getText();

}else {//第一次

myflag = true;

mySql += " where PPR = "+textField\_2.getText();

}

}

if(textField\_3.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PSI = "+"'"+textField\_3.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where PSI = "+"'"+textField\_3.getText()+"'";

}

}

if(textField\_4.getText().equals("")) ;

else {

if(myflag==true) {

mySql += " and PDW = "+"'"+textField\_4.getText()+"'";

}else {//第一次

myflag = true;

mySql += " where PDW = "+"'"+textField\_4.getText()+"'";

}

}

rs=Database.executeQuery(mySql);

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

});

btnNewButton.setBounds(25, 252, 75, 23);

add(btnNewButton);

scrollPane = new JScrollPane(table);

scrollPane.setBounds(126, 10, 391, 295);

add(scrollPane);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

// setContentPane(contentPane);

rs=Database.executeQuery("select \* from P");

if(Database.recCount(rs)>0){

try{

while(rs.next()){

String PNO = rs.getString("PNO");

String PNA = rs.getString("PNA");

String PPR = (""+ rs.getInt("PPR") );

String PSI = rs.getString("PSI");

String PDW = rs.getString("PDW");

Vector v = new Vector();

v.add(PNO);

v.add(PNA);

v.add(PPR);

v.add(PSI);

v.add(PDW);

dtm.addRow(v);

}

}

catch(Exception eRIQ){}

}

}

}