**软件1803班第8小组**

**组长：孙子晋**

**组员：刘金宝**

**组员：张秩**

**孙子晋实现：<buy.cs、house.cs、superuser.cs>**

1、

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace project

{

public partial class buy : Form

{

public buy()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

MessageBox.Show("购买成功！");

this.Visible = false;

user us = new user();

us.Visible = true;

}

}

}

2、

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

//引用命名空间

using System.Data.Sql;

using System.Data.SqlClient;

namespace project

{

public partial class house : Form

{

public house()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

this.Visible = false;

superuser su = new superuser();

su.Visible = true;

}

private void house\_Load(object sender, EventArgs e)

{

// TODO: 这行代码将数据加载到表“myteadatabaseDataSet.Object\_table”中。您可以根据需要移动或删除它。

this.object\_tableTableAdapter.Fill(this.myteadatabaseDataSet.Object\_table);

}

public void refresh()

{

this.Visible = false;

house ho = new house();

ho.Visible = true;

}

private void button2\_Click(object sender, EventArgs e)

{

string name = textBox1.Text;

string count1 = textBox2.Text;

int count = Convert.ToInt32(count1);

string price1 = textBox3.Text;

double price = Convert.ToDouble(price1);

if (radioButton1.Checked)//上架功能实现

{

string sql = "insert into Object\_table values('" + name + "','" + count + "','" + price + "')";

DBA dba = new DBA();

dba.nonSelect(sql);

MessageBox.Show("上架成功！");

dba.close();

refresh();//列表刷新

}

else if (radioButton2.Checked)//下架功能实现

{

string sql = "select \* from Object\_table where name='" + name + "'";

DBA dba = new DBA();

SqlDataReader sdr = dba.selectOneRow(sql);

if (sdr.Read())

{

DBA dda = new DBA();

string sql2 = "delete Object\_table where name='" + name + "'";

dda.nonSelect(sql2);

MessageBox.Show("下架成功！");

dda.close();

refresh();//列表刷新

}

else

{

MessageBox.Show("下架失败！该饮品不存在！");

}

dba.close();

}

else

{

MessageBox.Show("请选择‘上架’或‘下架’选项！");

}

}

private void dataGridView1\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

private void button3\_Click(object sender, EventArgs e)

{

string NA = comboBox2.Text;

string name = textBox4.Text;

string count = textBox5.Text;

string price = textBox6.Text;

//bug调整

if (name == "" || count == "" || price == "")

{

MessageBox.Show("亲，数据不能为空哦！");

}

else

{

string sql = "update Object\_table set name='" + name + "' ,count='" + count + "' ,price='" + price + "' where name='" + NA + "'";

DBA ed = new DBA();

ed.nonSelect(sql);

MessageBox.Show("修改成功！");

ed.close();

refresh();//列表刷新

}

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

}

}

3、

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

//引用命名空间

using System.Data.Sql;

using System.Data.SqlClient;

namespace project

{

public partial class superuser : Form

{

public superuser()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

this.Visible = false;

Form1 fr = new Form1();

fr.Visible = true;

}

private void label4\_Click(object sender, EventArgs e)

{

}

private void textBox4\_TextChanged(object sender, EventArgs e)

{

}

private void button4\_Click(object sender, EventArgs e)

{

this.Visible = false;

house ho = new house();

ho.Visible = true;

}

private void button2\_Click(object sender, EventArgs e)

{

string name = textBox1.Text;

string pwd = textBox2.Text;

string pwd2 = textBox3.Text;

//bug调整

if (name == "" || pwd == ""|| pwd2 == "")

{

MessageBox.Show("亲，数据不能为空哦！");

}

DBA dba = new DBA();

string sql = "select \* from User\_table where name='" + name + "' and password='" + pwd + "'";

SqlDataReader sdr = dba.selectOneRow(sql);

if (sdr.Read())

{

if (!pwd.Equals(pwd2))

{

MessageBox.Show("重复输入密码有误，请重试。");

}

else

{

string t = sdr.GetString(sdr.GetOrdinal("type"));//获得数据库中的登录类型

if (t != "root")

{

DBA dda = new DBA();

string sql2 = "delete User\_table where name='" + name + "'";

dda.nonSelect(sql2);

MessageBox.Show("注销成功！");

dda.close();

}

else

{

MessageBox.Show("对不起，无法注销管理员！");

}

}

}

else

{

MessageBox.Show("注销失败！用户名或密码有误！");

}

dba.close();

}

private void button3\_Click(object sender, EventArgs e)

{

string name = textBox4.Text;

string pwd = textBox5.Text;

string typ = comboBox1.Text;

//bug调整

if (name == "" || pwd == ""||typ=="")

{

MessageBox.Show("亲，数据不能为空哦！");

}

DBA dba = new DBA();

string sql = "select \* from User\_table where name='" + name + "' and password='" + pwd + "'";

SqlDataReader sdr = dba.selectOneRow(sql);

if (sdr.Read())

{

string p = sdr.GetString(sdr.GetOrdinal("password"));//获得数据库中的登录密码

DBA d = new DBA();

string sql2 = "update User\_table set type='" + typ + "'where password='" + p + "'";

d.nonSelect(sql2);

MessageBox.Show("用户权限修改成功！");

d.close();

}

else

{

MessageBox.Show("用户名或密码输入有误，请重新核实！");

}

dba.close();

}

private void comboBox1\_SelectedIndexChanged(object sender, EventArgs e)

{

}

}

}

**刘金宝实现：<DBA.cs、Form1.cs> 制作PPT**

1、

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

//使用命名空间

using System.Data;

using System.Data.Sql;

using System.Data.SqlClient;

namespace project

{

class DBA

{

SqlConnection con;//建立连接

SqlCommand com;

SqlDataAdapter sda;

public DBA()

{

con = null;

com = null;

init();

}

//初始化连接

private void init()

{

con = new SqlConnection();

con.ConnectionString = "server=.;database=Myteadatabase;User Id=sa;password=000000";

if (con.State != ConnectionState.Open)

{

con.Open();

}

}

//非查询

public int nonSelect(string sql)

{

com = new SqlCommand(sql, con);

return com.ExecuteNonQuery();

}

//逐行查询

public SqlDataReader selectOneRow(string sql)

{

com = new SqlCommand(sql, con);

return com.ExecuteReader();

}

//全表查询

public DataTable selectTable(string sql)

{

sda = new SqlDataAdapter(sql, con);

DataSet ds = new DataSet();

sda.Fill(ds);

return ds.Tables[0];

}

//关闭连接

public void close()

{

con.Close();

}

}

}

2、

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

//引用命名空间

using System.Data.Sql;

using System.Data.SqlClient;

namespace project

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void Form1\_Load(object sender, EventArgs e)

{

}

private void button1\_Click(object sender, EventArgs e)

{

DBA dba = new DBA();

string loginname = txtlogin.Text;

string passwd = txtpasswd.Text;

string sql = "select \* from User\_table where name='" +loginname+ "' and password='" +passwd+ "'";

SqlDataReader sdr = dba.selectOneRow(sql);

if (sdr.Read())

{

MessageBox.Show("登录成功！欢迎-" + sdr["name"] + "-登录");

string n= sdr.GetString(sdr.GetOrdinal("type"));//获得数据库中的登录类型

if (n == "root")//进入管理员界面

{

this.Visible = false;

superuser su = new superuser();

su.Visible = true;

}

else//进入普通用户界面

{

this.Visible = false;

user us = new user();

us.Visible = true;

}

}

else

{

MessageBox.Show("登录失败！用户名或密码有误！");

}

dba.close();//关闭连接

}

private void button2\_Click(object sender, EventArgs e)

{

this.Visible = false;

regesit re = new regesit();

re.Visible = true;

}

private void label3\_Click(object sender, EventArgs e)

{

}

private void txtlogin\_TextChanged(object sender, EventArgs e)

{

}

}

}

**张秩实现：<regesit.cs、user.cs> 制作需求分析文档**

1、

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

//引用命名空间

using System.Data.Sql;

using System.Data.SqlClient;

namespace project

{

public partial class regesit : Form

{

public regesit()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

DBA dba = new DBA();

string Na = txtlgname.Text;

string PWD = txtlgpasswd.Text;

string PWD1 = txtlgpasswd1.Text;

string sql = "insert into User\_table values('" + Na + "','" + PWD + "','user')";

//bug调整

if (Na == "" || PWD == "" || PWD1 == "")

{

MessageBox.Show("亲，数据不能为空哦！");

}

else if (!PWD.Equals(PWD1))

{

MessageBox.Show("两次密码不一致，请检查并重新输入！");

return;

}

else

{

dba.nonSelect(sql);

MessageBox.Show("注册成功！");

dba.close();

}

//跳转至登录页面

this.Visible = false;

Form1 fr = new Form1();

fr.Visible = true;

}

private void button2\_Click(object sender, EventArgs e)

{

txtlgname.Text = null;

txtlgpasswd.Text = null;

txtlgpasswd1.Text = null;

}

}

}

2、

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

//引用命名空间

using System.Data.Sql;

using System.Data.SqlClient;

namespace project

{

public partial class user : Form

{

public user()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

//返回登陆界面

this.Visible = false;

Form1 fr = new Form1();

fr.Visible = true;

}

private void label1\_Click(object sender, EventArgs e)

{

}

private void listBox1\_SelectedIndexChanged(object sender, EventArgs e)

{

}

private void user\_Load(object sender, EventArgs e)

{

// TODO: 这行代码将数据加载到表“myteadatabaseDataSet.Object\_table”中。您可以根据需要移动或删除它。

this.object\_tableTableAdapter.Fill(this.myteadatabaseDataSet.Object\_table);

// TODO: 这行代码将数据加载到表“myteadatabaseDataSet.Object\_table”中。您可以根据需要移动或删除它。

this.object\_tableTableAdapter.Fill(this.myteadatabaseDataSet.Object\_table);

// TODO: 这行代码将数据加载到表“myteadatabaseDataSet.Object\_table”中。您可以根据需要移动或删除它。

this.object\_tableTableAdapter.Fill(this.myteadatabaseDataSet.Object\_table);

}

private void dataGridView1\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

private void button2\_Click(object sender, EventArgs e)

{

//信息框（对话框）

DialogResult dr = MessageBox.Show("是否确定购买此商品?", "标题", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

if (dr == DialogResult.Yes)

{

string NA = comboBox1.Text;

string co = comboBox2.Text;

int CO = Convert.ToInt32(co);//要买的奶茶数

string sql = "select \* from Object\_table where name='" + NA + "'";

DBA dba = new DBA();

SqlDataReader sdr = dba.selectOneRow(sql);

if (sdr.Read())

{

int c = sdr.GetInt32(sdr.GetOrdinal("count")); //获得数据库中奶茶的数量

string sql2 = "update Object\_table set count=count-'" + CO + "' where name='" + NA + "'";

if (CO > c || c <= 0)

{

MessageBox.Show("库存不足，无法购买！");

}

else

{

DBA da = new DBA();

da.nonSelect(sql2);

da.close();

this.Visible = false;

buy bu = new buy();

bu.Visible = true;

}

}

dba.close();//关闭连接

}

}

private void comboBox2\_SelectedIndexChanged(object sender, EventArgs e)

{

}

}

}