using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Data;

using System.Text;

using System.Data.SqlClient;

using System.Security.Cryptography;

/// <summary>

/// DBUtil 这是一个工具类

/// </summary>

public class DBUtil

{

public DBUtil()

{

//

// TODO: 在此处添加构造函数逻辑

//

}

public static SqlConnection DBConnection()

{

string sqlconn = "Data Source=.;Initial Catalog=Shiba;Integrated Security=True";

SqlConnection conn = new SqlConnection(sqlconn);

return conn;

}

//检查用户登录

public static int CheckManagerLogin(string loginName, string loginPwd)

{

SqlConnection conn = DBConnection();

SqlCommand cmd = new SqlCommand("select count(\*) from tb\_Manager where mName = @loginName and mpwd = @loginPwd", conn);

cmd.Parameters.Add(new SqlParameter("@loginName", SqlDbType.VarChar, 50));

cmd.Parameters["@loginName"].Value = loginName;

cmd.Parameters.Add(new SqlParameter("@loginPwd", SqlDbType.VarChar, 50));

cmd.Parameters["@loginPwd"].Value = loginPwd;

conn.Open();

int i = (int)cmd.ExecuteScalar();

cmd.Dispose();

conn.Close();

return i;

}

//检查管理员登录

public static int CheckUserLogin(string loginName, string loginPwd)

{

SqlConnection conn = DBConnection();

SqlCommand cmd = new SqlCommand("select count(\*) from tb\_User where userName = @loginName and password = @loginPwd", conn);

cmd.Parameters.Add(new SqlParameter("@loginName", SqlDbType.VarChar, 50));

cmd.Parameters["@loginName"].Value = loginName;

cmd.Parameters.Add(new SqlParameter("@loginPwd", SqlDbType.VarChar, 50));

cmd.Parameters["@loginPwd"].Value = loginPwd;

conn.Open();

int i = (int)cmd.ExecuteScalar();

cmd.Dispose();

conn.Close();

return i;

}

//数据操作

public static void ExecSQL(string sqlStr)

{

SqlConnection conn = DBConnection();

conn.Open();

SqlCommand cmd = new SqlCommand(sqlStr, conn);

cmd.ExecuteNonQuery();

conn.Close();

}

public static bool ExceSQL2(string sqlStr)

{

SqlConnection conn = DBConnection();

conn.Open();

SqlCommand cmd = new SqlCommand(sqlStr, conn);

try

{

cmd.ExecuteNonQuery();

conn.Close();

}

catch

{

conn.Close();

return false;

}

return true;

}

//获取表的内容

public static DataSet GetDataSet(string sqlStr, string tableName)

{

SqlConnection conn = DBConnection();

SqlDataAdapter adapt = new SqlDataAdapter(sqlStr, conn);

DataSet ds = new DataSet();

adapt.Fill(ds, tableName);

return ds;

}

public static SqlDataReader GetDataReader(string sql)

{

SqlConnection conn = DBConnection();

conn.Open();

SqlCommand cmd = new SqlCommand(sql, conn);

SqlDataReader sdr = cmd.ExecuteReader();

return sdr;

conn.Close();

}

public static SqlDataReader GetRow(string sql)

{

SqlConnection conn = DBConnection();

conn.Open();

SqlCommand cmd = new SqlCommand(sql, conn);

return cmd.ExecuteReader();

conn.Close();

}

public static bool GetSqlDataReaderFlag(string sql)

{

SqlConnection conn = DBConnection();

conn.Open();

SqlCommand cmd = new SqlCommand(sql, conn);

SqlDataReader srd = cmd.ExecuteReader();

bool flag = srd.Read();

conn.Close();

return flag;

}

public static SqlDataReader getSqlDataReader(string sql)

{

SqlConnection conn = DBConnection();

conn.Open();

SqlCommand cmd = new SqlCommand(sql, conn);

SqlDataReader srd = cmd.ExecuteReader();

return srd;

conn.Close();

}

}

//用户查询

protected void BtnSearch\_Click(object sender, EventArgs e)

{

string sql = "select \* from Book where Name like '%"+TextBoxName.Text+"%'";

GridView1.DataSource = DBUtil.GetDataSet(sql,"Book");

GridView1.DataBind();

}

//登录

protected void BtnLogin\_Click(object sender, EventArgs e)

{

string userName = TextBoxName.Text.Trim();

string pwd = TextBoxPassword.Text.Trim();

int i = DBUtil.CheckManagerLogin(userName, pwd);

int j = DBUtil.CheckUserLogin(userName, pwd);

if (i > 0)

{

Response.Redirect("Home.aspx");

}

else if(j > 0)

{

Response.Redirect("User.aspx");

}

Label1.Text = "用戶名或密碼錯誤";

}

注册

protected void BtnRegister\_Click(object sender, EventArgs e)

{

string checkeUser = "select \* from tb\_User where userName = '" + TextBoxName.Text.Trim() + "'";

bool b = DBUtil.GetSqlDataReaderFlag(checkeUser);

if (b == true)

{

Label1.Text = "用戶已存在";

}

else

{

string sql = "insert into tb\_User(userName,password,telphone,address) values('" + TextBoxName.Text.Trim() + "','" + TextBoxPassword.Text.Trim() + "','"+ TextBoxTel.Text.Trim() + "','"+ TextBoxAddress.Text.Trim() + "')";

DBUtil.ExecSQL(sql);

Label1.Text = "注冊成功";

}

}

//管理员查询

protected void BtnSearch\_Click(object sender, EventArgs e)

{

if (TextBoxName0.Text != null && TextBoxWriter0.Text.Equals("") && TextBoxPress0.Text.Equals("") && TextBoxForm0.Text.Equals(""))

{

string sql = "select \* from Book where Name like '%" + TextBoxName0.Text + "%'";

GridView1.DataSource = DBUtil.GetDataSet(sql, "Book");

GridView1.DataBind();

}

if (TextBoxName0.Text.Equals("") && TextBoxWriter0.Text != null && TextBoxPress0.Text.Equals("") && TextBoxForm0.Text.Equals(""))

{

string sql = "select \* from Book where Writer = '"+ TextBoxWriter0.Text.Trim() + "'";

GridView1.DataSource = DBUtil.GetDataSet(sql, "Book");

GridView1.DataBind();

}

if (TextBoxName0.Text.Equals("") && TextBoxWriter0.Text.Equals("") && TextBoxPress0.Text != null && TextBoxForm0.Text.Equals(""))

{

string sql = "select \* from Book where Press='"+ TextBoxPress0.Text.Trim() + "'";

GridView1.DataSource = DBUtil.GetDataSet(sql, "Book");

GridView1.DataBind();

}

if (TextBoxName0.Text.Equals("") && TextBoxWriter0.Text.Equals("") && TextBoxPress0.Text.Equals("") && TextBoxForm0.Text !=null)

{

string sql = "select \* from Book where Form='"+ TextBoxForm0.Text.Trim() + "'";

GridView1.DataSource = DBUtil.GetDataSet(sql, "Book");

GridView1.DataBind();

}

}