internal class DataBase

{

SqlConnection sqlConnection = new SqlConnection(@"Data Source=DESKTOP-P4GI0P4;Initial Catalog=Тест4;Integrated Security=True");

public void openConnection()

{

if(sqlConnection.State == System.Data.ConnectionState.Closed)

{

sqlConnection.Open();

}

}

public void closeConnection()

{

if (sqlConnection.State == System.Data.ConnectionState.Open)

{

sqlConnection.Close();

}

}

public SqlConnection getConnection()

{

return sqlConnection;

}

Form frm = new AvtotrizAdmincs();

this.Hide();

frm.ShowDialog();

Application.Exit();

using System.Data.SqlClient;

DataBase database = new DataBase();

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

{

var Login = textBox1.Text;

var Password = textBox2.Text;

var Role = "Admin";

SqlDataAdapter adapter = new SqlDataAdapter();

DataTable dt = new DataTable();

string registrat = $"Select Login, Password, Role from Regist where Login = '{Login}' and Password = '{Password}' and Role = '{Role}'";

SqlCommand cmd = new SqlCommand(registrat, database.getConnection());

adapter.SelectCommand = cmd;

adapter.Fill(dt);

if(dt.Rows.Count == 1)

{

MessageBox.Show("Вы успешно прошли!", "Успех!");

Form frm = new Firma();

this.Hide();

frm.ShowDialog();

}

else

{

MessageBox.Show("Вы не прошли!");

}

}

using System.Data.SqlClient;

namespace Тест7

{

enum RowState

{

Existed,

New,

Modified,

ModifiedNew,

Deleted

}

public partial class Firma : Form

{

DataBase database = new DataBase();

int selectedRow;

private void CreatColumns()

{

dataGridView1.Columns.Add("ID", "ID");

dataGridView1.Columns.Add("Login", "Логин");

dataGridView1.Columns.Add("Password", "Пароль");

dataGridView1.Columns.Add("Role", "Роль");

dataGridView1.Columns.Add("IsNew", String.Empty);

}

private void RiedSinglRow(DataGridView dmg, IDataRecord record)

{

dmg.Rows.Add(record.GetInt32(0), record.GetString(1), record.GetString(2), record.GetString(3), RowState.ModifiedNew);

}

private void RefresDataGrid(DataGridView dmg)

{

dmg.Rows.Clear();

string log = $"Select \* from Users";

SqlCommand command = new SqlCommand(log, database.getConnection());

database.openConnection();

SqlDataReader reader = command.ExecuteReader();

while (reader.Read())

{

RiedSinglRow(dmg, reader);

}

reader.Close();

}

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

{

CreatColumns();

RefresDataGrid(dataGridView1);

}

public Firma()

{

InitializeComponent();

}

private void button6\_Click(object sender, EventArgs e)

{

Form frm = new Form1();

this.Hide();

frm.ShowDialog();

}

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

{

selectedRow = e.RowIndex;

if(e.RowIndex >= 0)

{

DataGridViewRow row = dataGridView1.Rows[selectedRow];

textBox1.Text = row.Cells[0].Value.ToString();

textBox2.Text = row.Cells[1].Value.ToString();

textBox3.Text = row.Cells[2].Value.ToString();

textBox4.Text = row.Cells[3].Value.ToString();

}

}

}

}

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

{

database.OpenConnection();

var LoginUser = textBox2.Text;

var Password = textBox3.Text;

var Role = textBox4.Text;

string newer = $"Insert into Users(Login, Password, Role) values ('{LoginUser}', '{Password}', '{Role}')";

SqlCommand command = new SqlCommand(newer, database.GetConnection());

if (command.ExecuteNonQuery() == 1)

{

MessageBox.Show("Запись создана", "Успех");

Form frm = new Form1();

this.Hide();

frm.ShowDialog();

}

else

{

MessageBox.Show("Не правильно", "Ошибка");

}

}

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

{

Form frm = new Form1();

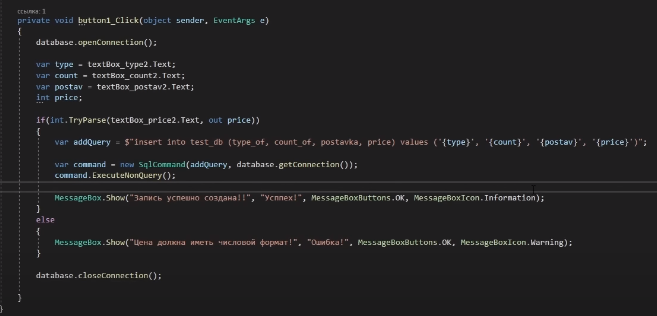
this.Hide();

frm.ShowDialog();

}

}

}



private void Search(DataGridView dmg)

{

dmg.Rows.Clear();

string log = $"Select \* from Users where concat (ID, Login, Password, Role) like '%" + textBox\_Search.Text + "%'";

SqlCommand command = new SqlCommand(log, database.GetConnection());

database.OpenConnection();

SqlDataReader reader = command.ExecuteReader();

while (reader.Read())

{

ReadSinglerRow(dmg, reader);

}

reader.Close();

}

private void textBox\_Search\_TextChanged(object sender, EventArgs e)

{

Search(dataGridView1);

}

private void DeletedRow()

{

int index = dataGridView1.CurrentCell.RowIndex;

dataGridView1.Rows[index].Visible = false;

if (dataGridView1.Rows[index].Cells[0].Value.ToString() == string.Empty)

{

dataGridView1.Rows[index].Cells[3].Value = RowState.Deleted;

return;

}

dataGridView1.Rows[index].Cells[3].Value = RowState.Deleted;

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

{

SelectRow = e.RowIndex;

if(e.RowIndex >= 0)

{

DataGridViewRow row = dataGridView1.Rows[SelectRow];

textBox1.Text = row.Cells[0].Value.ToString();

textBox2.Text = row.Cells[1].Value.ToString();

textBox3.Text = row.Cells[2].Value.ToString();

textBox4.Text = row.Cells[3].Value.ToString();

}

}

private void Update1()

{

database.OpenConnection();

for (int index = 0; index < dataGridView1.Rows.Count; index++)

{

var rowState = (RowState)dataGridView1.Rows[index].Cells[4].Value;

if (rowState == RowState.Existed)

{

continue;

}

if (rowState == RowState.Deleted)

{

var id = Convert.ToInt32(dataGridView1.Rows[index].Cells[0].Value);

var deleteQuery = $"Delete from Users where ID = {id}";

var command = new SqlCommand(deleteQuery, database.GetConnection());

command.ExecuteNonQuery();

}

if (rowState == RowState.Modified)

{

var id = dataGridView1.Rows[index].Cells[0].Value.ToString();

var login = dataGridView1.Rows[index].Cells[1].Value.ToString();

var password = dataGridView1.Rows[index].Cells[2].Value.ToString();

var role = dataGridView1.Rows[index].Cells[3].Value.ToString();

var changeQuery = $"update Users set Login = '{login}',Password= '{password}', Role = '{role}' where ID = '{id}'";

var command = new SqlCommand(changeQuery, database.GetConnection());

command.ExecuteNonQuery();

}

}

database.CloseConnection();

}

private void Change()

{

var selectRowIndex = dataGridView1.CurrentCell.RowIndex;

var id = textBox1.Text;

var login = textBox2.Text;

var password = textBox3.Text;

var role = textBox4.Text;

if (dataGridView1.Rows[selectRowIndex].Cells[0].Value.ToString() != String.Empty)

{

if (selectRowIndex == 1)

{

dataGridView1.Rows[selectRowIndex].SetValues(id, login, password, role);

dataGridView1.Rows[selectRowIndex].Cells[4].Value = RowState.Modified;

}

else

{

MessageBox.Show("Не правильно", "Ошибка");

}

}

}

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

{

RefresDataGrid(dataGridView1);

}

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

{

Update1();

}

private void button5\_Click(object sender, EventArgs e)

{

Change();

}

}

//private void Search(DataGridView dgw)

//{

// dgw.Rows.Clear();

// string searchString = $"select \* from Materials where concat (MaterialID,Name,Type,Cost,Amount,MinAmount,PackageAmount,EdIzm) like '%" + TextBoxSearch.Text + "%'";

// SqlCommand com = new SqlCommand(searchString, database.getConnection());

// database.openConnection();

// SqlDataReader read = com.ExecuteReader();

// while (read.Read())

// {

// ReadSingleRow(dgw, read);

// }

// read.Close();

// dataGridView1.RowCount = 4;

//}

// Search(dataGridView1);

// ---------------------------------------------------------------------

//private void deleteRow()

//{

// int index = dataGridView1.CurrentCell.RowIndex;

// dataGridView1.Rows[index].Visible = false;

// if (dataGridView1.Rows[index].Cells[0].Value.ToString() == String.Empty)

// {

// dataGridView1.Rows[index].Cells[8].Value = RowState.Deleted;

// return;

// }

// dataGridView1.Rows[index].Cells[7].Value = RowState.Deleted;

//}

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

//{

// try

// {

// deleteRow();

// }

// catch (Exception)

// {

// MessageBox.Show("Для удаления строки необходимо выбрать ее!");

// }

//}