Приложение Б «Код программы»

Аннотация

В данном приложении приведен исходный код программы информационной системы.

В данном документе, в разделе «Модули» указаны все созданные во время разработки файлы проекта.

В разделе «Исходный код» приведены исходные коды всех модулей. Имя подраздела соответствует имени модуля, чей код указан в этом подразделе.

1. Модули

Таблица - Модули

|  |  |  |  |
| --- | --- | --- | --- |
| № | Название | Назначение | Размер |
| 1 | Admin | Изменение всех таблиц из БД | 87 кб |
| 2 | Authorization | Вход за определенного пользователя | 13 кб |
| 3 | Reg | Регистрация клиента | 35 кб |
| 4 | Client | Изменение таблиц связанных с клиентами | 25 кб |
| 5 | Worker | Изменение таблиц связанных с работниками | 34 кб |

1. Исходный код программы

Код Reg:

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace WindowsFormsApp1

{

public partial class Reg : Form

{

string connectString = "Data Source=localhost;Initial Catalog=BankLast;Integrated Security=True";

SqlDataAdapter adapter;

DataSet ds;

public Reg()

{

InitializeComponent();

}

private void maskedTextBox1\_Click(object sender, EventArgs e)

{

maskedTextBox1.SelectionStart = maskedTextBox1.Text.Length;

maskedTextBox2.SelectionStart = maskedTextBox2.Text.Length;

maskedTextBox3.SelectionStart = maskedTextBox3.Text.Length;

maskedTextBox4.SelectionStart = maskedTextBox4.Text.Length;

maskedTextBox5.SelectionStart = maskedTextBox5.Text.Length;

maskedTextBox7.SelectionStart = maskedTextBox7.Text.Length;

maskedTextBox8.SelectionStart = maskedTextBox8.Text.Length;

maskedTextBox9.SelectionStart = maskedTextBox9.Text.Length;

maskedTextBox10.SelectionStart = maskedTextBox10.Text.Length;

label11.Visible = false;

label12.Visible = false;

label13.Visible = false;

label19.Visible = false;

}

private void maskedTextBox1\_Leave(object sender, EventArgs e)

{

maskedTextBox1.Text = maskedTextBox1.Text.Trim();

maskedTextBox2.Text = maskedTextBox2.Text.Trim();

maskedTextBox3.Text = maskedTextBox3.Text.Trim();

maskedTextBox4.Text = maskedTextBox4.Text.Trim();

maskedTextBox5.Text = maskedTextBox5.Text.Trim();

maskedTextBox7.Text = maskedTextBox7.Text.Trim();

maskedTextBox8.Text = maskedTextBox8.Text.Trim();

maskedTextBox9.Text = maskedTextBox9.Text.Trim();

maskedTextBox10.Text = maskedTextBox10.Text.Trim();

if (maskedTextBox4.MaskCompleted == false)

{

maskedTextBox4.Text = "";

}

if (maskedTextBox5.MaskCompleted == false)

{

maskedTextBox5.Text = "";

}

if (maskedTextBox8.MaskCompleted == false)

{

maskedTextBox8.Text = "";

}

}

private void maskedTextBox4\_Leave(object sender, EventArgs e)

{

maskedTextBox5.Text = maskedTextBox5.Text.Trim();

if (maskedTextBox4.Text != "" && maskedTextBox5.Text != "")

{

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Client = new SqlDataAdapter("Select Series\_p from [Client] where Series\_p='" + maskedTextBox4.Text + "' and Number\_p='" + maskedTextBox5.Text + "'", con);

SqlDataAdapter Worker = new SqlDataAdapter("Select Series\_p from [Worker] where Series\_p='" + maskedTextBox4.Text + "' and Number\_p='" + maskedTextBox5.Text + "'", con);

DataSet ds = new DataSet();

Client.Fill(ds, "[Client]");

Worker.Fill(ds, "[Worker]");

if (Client.SelectCommand.ExecuteScalar() != null)

{

label13.Visible = true;

maskedTextBox5.Text = "";

label12.Visible = true;

maskedTextBox4.Text = "";

}

if (Worker.SelectCommand.ExecuteScalar() != null)

{

label13.Visible = true;

maskedTextBox5.Text = "";

label12.Visible = true;

maskedTextBox4.Text = "";

}

con.Close();

}

}

private void maskedTextBox5\_Leave(object sender, EventArgs e)

{

maskedTextBox5.Text = maskedTextBox5.Text.Trim();

if (maskedTextBox4.Text != "" && maskedTextBox5.Text != "")

{

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Client = new SqlDataAdapter("Select Series\_p from [Client] where Series\_p='" + maskedTextBox4.Text + "' and Number\_p='" + maskedTextBox5.Text + "'", con);

SqlDataAdapter Worker = new SqlDataAdapter("Select Series\_p from [Worker] where Series\_p='" + maskedTextBox4.Text + "' and Number\_p='" + maskedTextBox5.Text + "'", con);

DataSet ds = new DataSet();

Client.Fill(ds, "[Client]");

Worker.Fill(ds, "[Worker]");

if (Client.SelectCommand.ExecuteScalar() != null)

{

label13.Visible = true;

maskedTextBox5.Text = "";

label12.Visible = true;

maskedTextBox4.Text = "";

}

if (Worker.SelectCommand.ExecuteScalar() != null)

{

label13.Visible = true;

maskedTextBox5.Text = "";

label12.Visible = true;

maskedTextBox4.Text = "";

}

con.Close();

}

}

private void maskedTextBox9\_Leave(object sender, EventArgs e)

{

maskedTextBox9.Text = maskedTextBox9.Text.Trim();

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Client = new SqlDataAdapter("Select Login from [Client] where Login='" + maskedTextBox9.Text + "'", con);

SqlDataAdapter Worker = new SqlDataAdapter("Select Login from [Worker] where Login='" + maskedTextBox9.Text + "'", con);

DataSet ds = new DataSet();

Client.Fill(ds, "[Client]");

Worker.Fill(ds, "[Worker]");

if (Client.SelectCommand.ExecuteScalar() != null)

{

label11.Visible = true;

maskedTextBox9.Text = "";

}

if (Worker.SelectCommand.ExecuteScalar() != null)

{

label11.Visible = true;

maskedTextBox9.Text = "";

}

con.Close();

}

private void button8\_Click(object sender, EventArgs e)

{

if (maskedTextBox9.Text.Length > 3 && maskedTextBox10.Text.Length > 3)

{

try

{

string quertyTable = $"insert into Client (Surename, Name, Lastname, Series\_p, Number\_p, Birthday, " +

$"Registration, Phone\_Number, Login, Password) " +

$"Values (N'{maskedTextBox1.Text.ToString()}', N'{maskedTextBox2.Text.ToString()}', N'{maskedTextBox3.Text.ToString()}' " +

$", N'{maskedTextBox4.Text.ToString()}', N'{maskedTextBox5.Text.ToString()}', N'{Convert.ToDateTime(maskedTextBox6.Text)}'" +

$", N'{maskedTextBox7.Text.ToString()}', N'{maskedTextBox8.Text.ToString()}', N'{maskedTextBox9.Text.ToString()}'" +

$", N'{maskedTextBox10.Text.ToString()}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

else MessageBox.Show("Некорректно заполнены поля");

}

private void button7\_Click(object sender, EventArgs e)

{

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

private void Reg\_FormClosed(object sender, FormClosedEventArgs e)

{

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

private void maskedTextBox6\_Leave(object sender, EventArgs e)

{

DateTime time;

if (!DateTime.TryParse((sender as MaskedTextBox).Text, out time))

{

maskedTextBox6.Text = "";

label19.Visible = true;

}

}

}

}

Код Admin:

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace WindowsFormsApp1

{

public partial class Admin : Form

{

int OpenAdd = 0;

string connectString = "Data Source=localhost;Initial Catalog=BankLast;Integrated Security=True";

SqlDataAdapter adapter;

DataSet ds;

public Admin()

{

InitializeComponent();

dataGridView1.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

dataGridView1.AllowUserToAddRows = false;

dataGridView1.ReadOnly = true;

dataGridView1.MultiSelect = false;

}

public void DeleteMaskedText()

{

maskedTextBox1.Text = "";

maskedTextBox2.Text = "";

maskedTextBox3.Text = "";

maskedTextBox4.Text = "";

maskedTextBox5.Text = "";

maskedTextBox6.Text = "";

maskedTextBox7.Text = "";

maskedTextBox8.Text = "";

maskedTextBox9.Text = "";

maskedTextBox10.Text = "";

label11.Visible = false;

label12.Visible = false;

label13.Visible = false;

label14.Visible = false;

label15.Visible = false;

label17.Visible = false;

label18.Visible = false;

maskedTextBox11.Text = "";

maskedTextBox11.Visible = false;

maskedTextBox12.Visible = false;

button12.Enabled = true;

button13.Enabled = true;

}

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

{

string query = "SELECT \* from Client\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 1;

DeleteMaskedText();

}

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

{

string query = "SELECT \* from Worker\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 2;

DeleteMaskedText();

}

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

{

string query = "SELECT \* from Position\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 3;

DeleteMaskedText();

}

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

{

string query = "SELECT \* from Purpose\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 4;

DeleteMaskedText();

}

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

{

string query = "SELECT \* from Type\_Request\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 5;

DeleteMaskedText();

}

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

{

string query = "SELECT \* from Contract\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 6;

DeleteMaskedText();

}

private void button11\_Click(object sender, EventArgs e)

{

string query = "SELECT \* from Position\_Worker\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 7;

DeleteMaskedText();

}

private void button10\_Click(object sender, EventArgs e)

{

string query = "SELECT \* from Purpose\_Client\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 8;

DeleteMaskedText();

}

private void button9\_Click(object sender, EventArgs e)

{

string query = "SELECT \* from Request\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

Pclient.Visible = false;

OpenAdd = 9;

DeleteMaskedText();

}

private void button8\_Click(object sender, EventArgs e)

{

switch (OpenAdd) {

case 1:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Client where ID\_Client= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button1.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

case 2:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Worker where ID\_Worker= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button2.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

case 4:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Purpose where ID\_Purpose= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button4.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

case 5:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Type\_Request where ID\_Type\_Request= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button5.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

case 3:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Position where ID\_Position= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button3.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

case 6:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Contract where ID\_Contract= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button6.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

case 7:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Position\_Worker where ID\_Position\_Worker= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button11.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

case 8:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Purpose\_Client where ID\_Purpose\_Client= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button10.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

case 9:

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Request where ID\_Request= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button9.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

break;

}

}

}

private void button13\_Click(object sender, EventArgs e)

{

if (OpenAdd == 1 && Pclient.Visible == false)

{

Pclient.Visible = true;

button12.Enabled = false;

}

else

{

if (Pclient.Visible == true && OpenAdd != 2)

{

//MessageBox.Show(Convert.ToString(Convert.ToDateTime(maskedTextBox6.Text)));

if (maskedTextBox9.Text.Length > 3 && maskedTextBox10.Text.Length > 3)

{

try

{

string quertyTable = $"insert into Client (Surename, Name, Lastname, Series\_p, Number\_p, Birthday, " +

$"Registration, Phone\_Number, Login, Password) " +

$"Values (N'{maskedTextBox1.Text.ToString()}', N'{maskedTextBox2.Text.ToString()}', N'{maskedTextBox3.Text.ToString()}' " +

$", N'{maskedTextBox4.Text.ToString()}', N'{maskedTextBox5.Text.ToString()}', N'{Convert.ToDateTime(maskedTextBox6.Text)}'" +

$", N'{maskedTextBox7.Text.ToString()}', N'{maskedTextBox8.Text.ToString()}', N'{maskedTextBox9.Text.ToString()}'" +

$", N'{maskedTextBox10.Text.ToString()}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button1.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

else MessageBox.Show("Некорректно заполнены поля");

}

}

if (OpenAdd == 2 && Pclient.Visible == false)

{

Pclient.Visible = true;

button12.Enabled = false;

}

else

{

if (Pclient.Visible == true && OpenAdd != 1)

{

if (maskedTextBox9.Text.Length > 3 && maskedTextBox10.Text.Length > 3)

{

try

{

string quertyTable = $"insert into Worker (Surename, Name, Lastname, Series\_p, Number\_p, Birthday, " +

$"Registration, Phone\_Number, Login, Password) " +

$"Values (N'{maskedTextBox1.Text.ToString()}', N'{maskedTextBox2.Text.ToString()}', N'{maskedTextBox3.Text.ToString()}' " +

$", N'{maskedTextBox4.Text.ToString()}', N'{maskedTextBox5.Text.ToString()}', N'{Convert.ToDateTime(maskedTextBox6.Text)}'" +

$", N'{maskedTextBox7.Text.ToString()}', N'{maskedTextBox8.Text.ToString()}', N'{maskedTextBox9.Text.ToString()}'" +

$", N'{maskedTextBox10.Text.ToString()}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button2.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

else MessageBox.Show("Некорректно заполнены поля");

}

}

if (OpenAdd == 4 && maskedTextBox11.Visible == false)

{

label15.Visible = true;

maskedTextBox11.Visible = true;

button12.Enabled = false;

}

else

{

if (OpenAdd == 4 && maskedTextBox11.Visible == true && maskedTextBox11.Text.Length > 3)

{

try

{

string quertyTable = $"insert into Purpose (Name) Values (N'{maskedTextBox11.Text.ToString()}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button4.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

}

if (OpenAdd == 5 && maskedTextBox11.Visible == false)

{

label15.Visible = true;

maskedTextBox11.Visible = true;

button12.Enabled = false;

}

else

{

if (OpenAdd == 5 && maskedTextBox11.Visible == true && maskedTextBox11.Text.Length > 3)

{

try

{

string quertyTable = $"insert into Type\_Request (Name) Values (N'{maskedTextBox11.Text.ToString()}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button5.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

}

if (OpenAdd == 3 && maskedTextBox11.Visible == false)

{

label15.Visible = true;

maskedTextBox11.Visible = true;

label17.Visible = true;

maskedTextBox12.Visible = true;

button12.Enabled = false;

}

else

{

if (OpenAdd == 3 && maskedTextBox11.Visible == true && maskedTextBox11.Text.Length > 3 && Convert.ToDouble(maskedTextBox12.Text) > 20000)

{

try

{

string quertyTable = $"insert into Position (Name, Salary) Values (N'{maskedTextBox11.Text.ToString()}', N'{maskedTextBox12.Text.ToString()}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button3.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

} else

{

if (maskedTextBox12.Text.Length > 0)

if (Convert.ToDouble(maskedTextBox12.Text) < 20000)

{

label18.Visible = true;

}

}

}

}

private void maskedTextBox1\_Click(object sender, EventArgs e)

{

maskedTextBox1.SelectionStart = maskedTextBox1.Text.Length;

maskedTextBox2.SelectionStart = maskedTextBox2.Text.Length;

maskedTextBox3.SelectionStart = maskedTextBox3.Text.Length;

maskedTextBox4.SelectionStart = maskedTextBox4.Text.Length;

maskedTextBox5.SelectionStart = maskedTextBox5.Text.Length;

maskedTextBox7.SelectionStart = maskedTextBox7.Text.Length;

maskedTextBox8.SelectionStart = maskedTextBox8.Text.Length;

maskedTextBox9.SelectionStart = maskedTextBox9.Text.Length;

maskedTextBox10.SelectionStart = maskedTextBox10.Text.Length;

maskedTextBox11.SelectionStart = maskedTextBox11.Text.Length;

maskedTextBox12.SelectionStart = maskedTextBox12.Text.Length;

label11.Visible = false;

label14.Visible = false;

label18.Visible = false;

label19.Visible = false;

}

private void maskedTextBox1\_Leave(object sender, EventArgs e)

{

maskedTextBox1.Text = maskedTextBox1.Text.Trim();

maskedTextBox2.Text = maskedTextBox2.Text.Trim();

maskedTextBox3.Text = maskedTextBox3.Text.Trim();

maskedTextBox4.Text = maskedTextBox4.Text.Trim();

maskedTextBox5.Text = maskedTextBox5.Text.Trim();

maskedTextBox7.Text = maskedTextBox7.Text.Trim();

maskedTextBox8.Text = maskedTextBox8.Text.Trim();

maskedTextBox9.Text = maskedTextBox9.Text.Trim();

maskedTextBox10.Text = maskedTextBox10.Text.Trim();

if (maskedTextBox4.MaskCompleted == false)

{

maskedTextBox4.Text = "";

}

if (maskedTextBox5.MaskCompleted == false)

{

maskedTextBox5.Text = "";

}

if (maskedTextBox8.MaskCompleted == false)

{

maskedTextBox8.Text = "";

}

}

private void maskedTextBox6\_Validating(object sender, CancelEventArgs e)

{

DateTime time;

if (!DateTime.TryParse((sender as MaskedTextBox).Text, out time))

{

maskedTextBox6.Text = "";

label19.Visible = true;

}

}

private void maskedTextBox9\_Leave(object sender, EventArgs e)

{

if (button13.Enabled == true)

{

maskedTextBox9.Text = maskedTextBox9.Text.Trim();

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Client = new SqlDataAdapter("Select Login from [Client] where Login='" + maskedTextBox9.Text + "'", con);

SqlDataAdapter Worker = new SqlDataAdapter("Select Login from [Worker] where Login='" + maskedTextBox9.Text + "'", con);

DataSet ds = new DataSet();

Client.Fill(ds, "[Client]");

Worker.Fill(ds, "[Worker]");

if (Client.SelectCommand.ExecuteScalar() != null)

{

label11.Visible = true;

maskedTextBox9.Text = "";

}

if (Worker.SelectCommand.ExecuteScalar() != null)

{

label11.Visible = true;

maskedTextBox9.Text = "";

}

con.Close();

}

if (button12.Enabled == true)

{

if (maskedTextBox9.Text != dataGridView1["Логин", dataGridView1.CurrentRow.Index].Value.ToString())

{

maskedTextBox9.Text = maskedTextBox9.Text.Trim();

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Client = new SqlDataAdapter("Select Login from [Client] where Login='" + maskedTextBox9.Text + "'", con);

SqlDataAdapter Worker = new SqlDataAdapter("Select Login from [Worker] where Login='" + maskedTextBox9.Text + "'", con);

DataSet ds = new DataSet();

Client.Fill(ds, "[Client]");

Worker.Fill(ds, "[Worker]");

if (Client.SelectCommand.ExecuteScalar() != null)

{

label11.Visible = true;

maskedTextBox9.Text = "";

}

if (Worker.SelectCommand.ExecuteScalar() != null)

{

label11.Visible = true;

maskedTextBox9.Text = "";

}

con.Close();

}

}

}

private void maskedTextBox5\_Click(object sender, EventArgs e)

{

maskedTextBox4.SelectionStart = maskedTextBox4.Text.Length;

maskedTextBox5.SelectionStart = maskedTextBox5.Text.Length;

label12.Visible = false;

label13.Visible = false;

}

private void maskedTextBox4\_Leave(object sender, EventArgs e)

{

maskedTextBox4.Text = maskedTextBox4.Text.Trim();

if (button13.Enabled == true)

{

if (maskedTextBox4.Text != "" && maskedTextBox5.Text != "")

{

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Client = new SqlDataAdapter("Select Series\_p from [Client] where Series\_p='" + maskedTextBox4.Text + "' and Number\_p='" + maskedTextBox5.Text + "'", con);

SqlDataAdapter Worker = new SqlDataAdapter("Select Series\_p from [Worker] where Series\_p='" + maskedTextBox4.Text + "' and Number\_p='" + maskedTextBox5.Text + "'", con);

DataSet ds = new DataSet();

Client.Fill(ds, "[Client]");

Worker.Fill(ds, "[Worker]");

if (Client.SelectCommand.ExecuteScalar() != null)

{

label12.Visible = true;

maskedTextBox4.Text = "";

label13.Visible = true;

maskedTextBox5.Text = "";

}

if (Worker.SelectCommand.ExecuteScalar() != null)

{

label12.Visible = true;

maskedTextBox4.Text = "";

label13.Visible = true;

maskedTextBox5.Text = "";

}

con.Close();

}

}

if (button12.Enabled == true)

{

if (maskedTextBox4.Text != "" && maskedTextBox5.Text != "")

{

if (maskedTextBox4.Text != dataGridView1["Серия паспорта", dataGridView1.CurrentRow.Index].Value.ToString() && maskedTextBox5.Text != dataGridView1["Номер паспорта", dataGridView1.CurrentRow.Index].Value.ToString())

{

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Client = new SqlDataAdapter("Select Series\_p from [Client] where Series\_p='" + maskedTextBox4.Text + "' and Number\_p='" + maskedTextBox5.Text + "'", con);

SqlDataAdapter Worker = new SqlDataAdapter("Select Series\_p from [Worker] where Series\_p='" + maskedTextBox4.Text + "' and Number\_p='" + maskedTextBox5.Text + "'", con);

DataSet ds = new DataSet();

Client.Fill(ds, "[Client]");

Worker.Fill(ds, "[Worker]");

if (Client.SelectCommand.ExecuteScalar() != null)

{

label12.Visible = true;

maskedTextBox4.Text = "";

label13.Visible = true;

maskedTextBox5.Text = "";

}

if (Worker.SelectCommand.ExecuteScalar() != null)

{

label12.Visible = true;

maskedTextBox4.Text = "";

label13.Visible = true;

maskedTextBox5.Text = "";

}

con.Close();

}

}

}

}

private void maskedTextBox11\_Leave(object sender, EventArgs e)

{

if (maskedTextBox11.Text.Length > 4)

{

maskedTextBox11.Text = maskedTextBox11.Text.Trim();

if (OpenAdd == 3)

{

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Purpose = new SqlDataAdapter("Select Name from [Position] where Name='" + maskedTextBox11.Text + "'", con);

DataSet ds = new DataSet();

Purpose.Fill(ds, "[Position]");

if (Purpose.SelectCommand.ExecuteScalar() != null)

{

label14.Visible = true;

maskedTextBox11.Text = "";

}

con.Close();

}

if (OpenAdd == 4)

{

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Purpose = new SqlDataAdapter("Select Name from [Purpose] where Name='" + maskedTextBox11.Text + "'", con);

DataSet ds = new DataSet();

Purpose.Fill(ds, "[Purpose]");

if (Purpose.SelectCommand.ExecuteScalar() != null)

{

label14.Visible = true;

maskedTextBox11.Text = "";

}

con.Close();

}

if (OpenAdd == 5)

{

SqlConnection con = new SqlConnection(connectString);

con.Open();

SqlDataAdapter Purpose = new SqlDataAdapter("Select Name from [Type\_Request] where Name='" + maskedTextBox11.Text + "'", con);

DataSet ds = new DataSet();

Purpose.Fill(ds, "[Type\_Request]");

if (Purpose.SelectCommand.ExecuteScalar() != null)

{

label14.Visible = true;

maskedTextBox11.Text = "";

}

con.Close();

}

}

else MessageBox.Show("Наименование должно содержать минимум 4 символа");

}

private void maskedTextBox12\_Leave(object sender, EventArgs e)

{

if (maskedTextBox12.Text.Length > 0)

{

if (Convert.ToDouble(maskedTextBox12.Text) < 20000)

{

maskedTextBox12.Text = "";

label18.Visible = true;

}

}

}

private void button7\_Click(object sender, EventArgs e)

{

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

private void Admin\_FormClosed(object sender, FormClosedEventArgs e)

{

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

private void button12\_Click(object sender, EventArgs e)

{

if (OpenAdd == 1 && Pclient.Visible == false)

{

Pclient.Visible = true;

button13.Enabled = false;

maskedTextBox1.Text = dataGridView1["Фамилия", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox2.Text = dataGridView1["Имя", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox3.Text = dataGridView1["Отчество", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox4.Text = dataGridView1["Серия паспорта", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox5.Text = dataGridView1["Номер паспорта", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox6.Text = dataGridView1["День рождения", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox7.Text = dataGridView1["Адрес регистрации", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox8.Text = dataGridView1["Номер телефона", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox9.Text = dataGridView1["Логин", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox10.Text = dataGridView1["Пароль", dataGridView1.CurrentRow.Index].Value.ToString();

}

else

{

if (Pclient.Visible == true && OpenAdd != 2)

{

//MessageBox.Show(Convert.ToString(Convert.ToDateTime(maskedTextBox6.Text)));

if (maskedTextBox9.Text.Length > 3 && maskedTextBox10.Text.Length > 3)

{

try

{

string quertyTable = "update Client set Surename='" + maskedTextBox1.Text.ToString() + "', Name= '" + maskedTextBox2.Text.ToString() + "', Lastname = '" + maskedTextBox3.Text.ToString() + "', Series\_p = '" + maskedTextBox4.Text.ToString() + "', Number\_p = '" + maskedTextBox5.Text.ToString() + "', " +

$"Registration = '" + maskedTextBox7.Text.ToString() + "', Phone\_Number = '" + maskedTextBox8.Text.ToString() + "', Login = '" + maskedTextBox9.Text.ToString() + "', Password = '" + maskedTextBox10.Text.ToString() + "' where ID\_Client = '"+ dataGridView1.CurrentRow.Cells[0].Value + "'";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button1.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

else MessageBox.Show("Некорректно заполнены поля");

}

}

if (OpenAdd == 2 && Pclient.Visible == false)

{

Pclient.Visible = true;

button13.Enabled = false;

maskedTextBox1.Text = dataGridView1["Фамилия", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox2.Text = dataGridView1["Имя", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox3.Text = dataGridView1["Отчество", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox4.Text = dataGridView1["Серия паспорта", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox5.Text = dataGridView1["Номер паспорта", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox6.Text = dataGridView1["Дата рождения", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox7.Text = dataGridView1["Адрес прописки", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox8.Text = dataGridView1["Номер телефона", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox9.Text = dataGridView1["Логин", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox10.Text = dataGridView1["Пароль", dataGridView1.CurrentRow.Index].Value.ToString();

}

else

{

if (Pclient.Visible == true && OpenAdd != 1)

{

if (maskedTextBox9.Text.Length > 3 && maskedTextBox10.Text.Length > 3)

{

try

{

string quertyTable = "update Worker set Surename='" + maskedTextBox1.Text.ToString() + "', Name= '" + maskedTextBox2.Text.ToString() + "', Lastname = '" + maskedTextBox3.Text.ToString() + "', Series\_p = '" + maskedTextBox4.Text.ToString() + "', Number\_p = '" + maskedTextBox5.Text.ToString() + "', " +

$"Registration = '" + maskedTextBox7.Text.ToString() + "', Phone\_Number = '" + maskedTextBox8.Text.ToString() + "', Login = '" + maskedTextBox9.Text.ToString() + "', Password = '" + maskedTextBox10.Text.ToString() + "' Birthday = N'"+ Convert.ToDateTime(maskedTextBox6.Text) + "' where ID\_Worker = '" + dataGridView1.CurrentRow.Cells[0].Value + "'";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button2.PerformClick();

}

catch

{

MessageBox.Show("некорректно заполнены поля");

}

}

else MessageBox.Show("Некорректно заполнены поля");

}

}

if (OpenAdd == 4 && maskedTextBox11.Visible == false)

{

label15.Visible = true;

maskedTextBox11.Visible = true;

button13.Enabled = false;

maskedTextBox11.Text = dataGridView1["Наименование", dataGridView1.CurrentRow.Index].Value.ToString();

}

else

{

if (OpenAdd == 4 && maskedTextBox11.Visible == true && maskedTextBox11.Text.Length > 3)

{

try

{

string quertyTable = $"update Purpose set Name ='{maskedTextBox11.Text.ToString()}' where " +

$" ID\_Purpose = '" + dataGridView1.CurrentRow.Cells[0].Value + "'";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button4.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

}

if (OpenAdd == 5 && maskedTextBox11.Visible == false)

{

label15.Visible = true;

maskedTextBox11.Visible = true;

button13.Enabled = false;

maskedTextBox11.Text = dataGridView1["Наименование", dataGridView1.CurrentRow.Index].Value.ToString();

}

else

{

if (OpenAdd == 5 && maskedTextBox11.Visible == true && maskedTextBox11.Text.Length > 3)

{

try

{

string quertyTable = $"update Type\_Request set Name ='{maskedTextBox11.Text.ToString()}' where ID\_Type\_Request = '" + dataGridView1.CurrentRow.Cells[0].Value + "'";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button5.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

}

if (OpenAdd == 3 && maskedTextBox11.Visible == false)

{

label15.Visible = true;

maskedTextBox11.Visible = true;

label17.Visible = true;

maskedTextBox12.Visible = true;

button13.Enabled = false;

maskedTextBox11.Text = dataGridView1["Наименование", dataGridView1.CurrentRow.Index].Value.ToString();

maskedTextBox12.Text = dataGridView1["Оклад", dataGridView1.CurrentRow.Index].Value.ToString();

}

else

{

if (OpenAdd == 3 && maskedTextBox11.Visible == true && maskedTextBox11.Text.Length > 3 && Convert.ToDouble(maskedTextBox12.Text) > 20000)

{

try

{

string quertyTable = $"update Position set Name ='{maskedTextBox11.Text.ToString()}', Salary = '{maskedTextBox12.Text.ToString()}' " +

$"where ID\_Position = '" + dataGridView1.CurrentRow.Cells[0].Value + "'";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

}

button3.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

else

{

if (maskedTextBox12.Text.Length > 0)

if (Convert.ToDouble(maskedTextBox12.Text) < 20000)

{

label18.Visible = true;

}

}

}

}

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

{

for (int i =0; i < dataGridView1.RowCount; i++)

{

if (dataGridView1[1, i].FormattedValue.ToString().Contains(textBox1.Text.Trim()))

{

dataGridView1.CurrentCell = dataGridView1[0, i];

if (i < dataGridView1.RowCount - 1)

i++;

else

i = 0;

return;

}

}

}

}

}

Код Worker:

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace WindowsFormsApp1

{

public partial class Worker : Form

{

int OpenAdd = 0;

int IDWorker;

string connectString = "Data Source=localhost;Initial Catalog=BankLast;Integrated Security=True";

SqlDataAdapter adapter;

DataSet ds;

int value;

public bool Prov(int Position, int Worker)

{

bool proverka;

using (SqlConnection con = new SqlConnection(connectString))

{

SqlCommand com = new SqlCommand("select \* from Proverka where ID\_Worker = @ID\_Worker and ID\_Position=@ID\_Position", con);

com.Parameters.AddWithValue("@ID\_Worker", Worker);

com.Parameters.AddWithValue("@ID\_Position", Position);

con.Open();

using (SqlDataReader dataReader = com.ExecuteReader())

{

proverka = dataReader.Read();

}

}

return proverka;

}

public void BlockedBox(int index)

{

if (index == 0)

{

label1.Visible = false;

label2.Visible = false;

comboBox1.Enabled = false;

label3.Visible = false;

maskedTextBox1.Visible = false;

label4.Visible = false;

maskedTextBox2.Visible = false;

maskedTextBox2.Text = "";

button9.Visible = false;

}

if (index == 1)

{

label15.Text = "Наименование\*";

label1.Text = "Номер запроса:";

comboBox1.Enabled = true;

label15.Visible = true;

label1.Visible = true;

label2.Visible = true;

label3.Visible = false;

maskedTextBox1.Visible = false;

label4.Visible = false;

maskedTextBox2.Visible = false;

maskedTextBox2.Text = "";

button9.Visible = false;

}

if (index == 2)

{

label15.Text = "№ запроса\*";

label1.Text = "Номер договора:";

label3.Visible = true;

maskedTextBox1.Visible = true;

comboBox1.Enabled = true;

label15.Visible = true;

label1.Visible = true;

label2.Visible = true;

label4.Visible = true;

maskedTextBox2.Visible = true;

maskedTextBox1.Text = "5";

button9.Visible = false;

}

if (index == 3)

{

label15.Text = "Наименование\*";

label1.Text = "Номер запроса:";

comboBox1.Enabled = true;

label15.Visible = true;

label1.Visible = false;

label2.Visible = false;

label3.Visible = false;

maskedTextBox1.Visible = false;

label4.Visible = false;

maskedTextBox2.Visible = false;

maskedTextBox2.Text = "";

button9.Visible = false;

}

if (index == 4)

{

label1.Visible = false;

label2.Visible = false;

comboBox1.Enabled = false;

label3.Visible = false;

maskedTextBox1.Visible = false;

label4.Visible = false;

maskedTextBox2.Visible = false;

maskedTextBox2.Text = "";

button9.Visible = true;

}

}

public Worker(int Index, string NameWorker)

{

InitializeComponent();

comboBox1.DropDownStyle = System.Windows.Forms.ComboBoxStyle.DropDownList;

dataGridView1.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

dataGridView1.AllowUserToAddRows = false;

dataGridView1.ReadOnly = true;

dataGridView1.MultiSelect = false;

IDWorker = Index;

//MessageBox.Show(NameWorker);

if (NameWorker == "Кассир" || NameWorker == "Консультант")

{

button1.Enabled = true;

button3.Enabled = true;

button2.Enabled = false;

button5.Enabled = false;

button6.Enabled = false;

button7.Enabled = false;

}

if (NameWorker == "Банкир")

{

button1.Enabled = true;

button3.Enabled = false;

button2.Enabled = true;

button5.Enabled = true;

button6.Enabled = false;

button7.Enabled = false;

}

if (NameWorker == "Бухгалтер")

{

button1.Enabled = false;

button3.Enabled = false;

button2.Enabled = true;

button5.Enabled = false;

button6.Enabled = true;

button7.Enabled = true;

}

}

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

{

string query = "SELECT \* from Contract\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

BlockedBox(0);

OpenAdd = 0;

}

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

{

string query = "SELECT \* from Request\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

BlockedBox(0);

OpenAdd = 0;

}

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

{

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

private void Worker\_FormClosed(object sender, FormClosedEventArgs e)

{

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

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

{

Random rnd = new Random();

value = rnd.Next(100000, 999999);

label2.Text = value.ToString();

}

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

{

SqlConnection sql = new SqlConnection(connectString);

sql.Open();

SqlDataAdapter adapter = new SqlDataAdapter("select \* From Type\_Request", sql);

DataSet ds = new DataSet();

adapter.Fill(ds);

comboBox1.DataSource = ds.Tables[0];

comboBox1.DisplayMember = "Name";

comboBox1.ValueMember = "ID\_Type\_Request";

sql.Close();

OpenAdd = 1;

BlockedBox(1);

}

private void button7\_Click(object sender, EventArgs e)

{

string query = "SELECT \* from Position\_Worker\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

BlockedBox(4);

OpenAdd = 0;

}

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

{

OpenAdd = 2;

BlockedBox(2);

SqlConnection sql = new SqlConnection(connectString);

sql.Open();

SqlDataAdapter adapter = new SqlDataAdapter("select \* From Request", sql);

DataSet ds = new DataSet();

adapter.Fill(ds);

comboBox1.DataSource = ds.Tables[0];

comboBox1.DisplayMember = "Number";

comboBox1.ValueMember = "ID\_Request";

sql.Close();

string query = "SELECT \* from Client\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

}

private void button8\_Click(object sender, EventArgs e)

{

DateTime myDateTime = DateTime.Now;

string sqlFormattedDate = myDateTime.ToString("yyyy-MM-dd HH:mm:ss");

if (OpenAdd == 1)

{

try

{

string quertyTable = $"insert into Request (Type\_Request\_ID, Number, Date) Values (N'{Convert.ToInt32(comboBox1.SelectedValue)}', N'{Convert.ToInt32(label2.Text)}', N'{sqlFormattedDate}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

connection.Close();

}

button1.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

if (OpenAdd == 2)

{

if (Convert.ToInt32(maskedTextBox2.Text) > 100000)

{

try

{

string quertyTable = $"insert into Contract (Request\_ID, Number, Client\_ID, Worker\_ID, Sum, Percent\_c) Values (N'{Convert.ToInt32(comboBox1.SelectedValue)}', N'{Convert.ToInt32(label2.Text)}', N'{Convert.ToInt32(dataGridView1.CurrentRow.Cells[0].Value)}', N'{IDWorker}', N'{maskedTextBox2.Text.ToString()}', N'{maskedTextBox1.Text.ToString()}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

connection.Close();

}

button2.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

else MessageBox.Show("Минимальная сумма контракта 100000");

}

if (OpenAdd == 3)

{

if (Prov(Convert.ToInt32(comboBox1.SelectedValue), Convert.ToInt32(dataGridView1.CurrentRow.Cells[0].Value)) != true)

{

try

{

string quertyTable = $"insert into Position\_Worker (Position\_ID, Worker\_ID) Values (N'{Convert.ToInt32(comboBox1.SelectedValue)}', N'{Convert.ToInt32(dataGridView1.CurrentRow.Cells[0].Value)}')";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

cp.ExecuteNonQuery();

connection.Close();

}

button7.PerformClick();

}

catch

{

MessageBox.Show("Некорректно заполнены поля");

}

}

else MessageBox.Show("Данный работник уже нанят на данную должность");

}

}

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

{

OpenAdd = 3;

BlockedBox(3);

SqlConnection sql = new SqlConnection(connectString);

sql.Open();

SqlDataAdapter adapter = new SqlDataAdapter("select \* From Position", sql);

DataSet ds = new DataSet();

adapter.Fill(ds);

comboBox1.DataSource = ds.Tables[0];

comboBox1.DisplayMember = "Name";

comboBox1.ValueMember = "ID\_Position";

sql.Close();

string query = "SELECT \* from Worker\_View ORDER BY Код";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

}

private void maskedTextBox1\_Click(object sender, EventArgs e)

{

maskedTextBox1.SelectionStart = maskedTextBox1.Text.Length;

maskedTextBox2.SelectionStart = maskedTextBox2.Text.Length;

}

private void maskedTextBox1\_Leave(object sender, EventArgs e)

{

maskedTextBox1.Text = maskedTextBox1.Text.Trim();

maskedTextBox2.Text = maskedTextBox2.Text.Trim();

if (Convert.ToInt32(maskedTextBox1.Text) < 5)

{

maskedTextBox1.Text = "5";

}

}

private void button9\_Click(object sender, EventArgs e)

{

try

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand command = new SqlCommand($"delete from Position\_Worker where ID\_Position\_Worker= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

command.ExecuteScalar();

sql.Close();

button7.PerformClick();

}

catch

{

MessageBox.Show("Удаление данного компанента невозможно");

}

}

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

{

for (int i = 0; i < dataGridView1.RowCount; i++)

{

if (dataGridView1[1, i].FormattedValue.ToString().Contains(textBox1.Text.Trim()))

{

dataGridView1.CurrentCell = dataGridView1[0, i];

if (i < dataGridView1.RowCount - 1)

i++;

else

i = 0;

return;

}

}

}

}

}

Код Authorization:

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;

using System.Data.SqlClient;

namespace WindowsFormsApp1

{

public partial class Authorization : Form

{

public string NameWorker;

public string LoginWorker;

public string PasswordWorker;

public int IDWorker;

int Series, Number;

public Authorization()

{

InitializeComponent();

Text = "Авторизация";

}

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

{

SqlConnection con = new SqlConnection("Data Source=localhost;Initial Catalog=BankLast;Integrated Security=True");

con.Open();

SqlDataAdapter Client = new SqlDataAdapter("Select Name from [Client] where Login='" + textBox1.Text + "' and Password='" + textBox2.Text + "'", con);

SqlDataAdapter Worker = new SqlDataAdapter("Select Name from [Auto] where Login='" + textBox1.Text + "' and Password='" + textBox2.Text + "'", con);

DataSet ds = new DataSet();

Client.Fill(ds, "[Client]");

Worker.Fill(ds, "[Auto]");

if (Client.SelectCommand.ExecuteScalar() != null)

{

SqlDataAdapter Series\_p = new SqlDataAdapter("Select Series\_p from [Client] where Login='" + textBox1.Text + "' and Password='" + textBox2.Text + "'", con);

SqlDataAdapter Number\_p = new SqlDataAdapter("Select Number\_p from [Client] where Login='" + textBox1.Text + "' and Password='" + textBox2.Text + "'", con);

SqlDataAdapter ID\_Client = new SqlDataAdapter("Select ID\_Client from [Client] where Login='" + textBox1.Text + "' and Password='" + textBox2.Text + "'", con);

Series = Convert.ToInt32(Series\_p.SelectCommand.ExecuteScalar());

Number = Convert.ToInt32(Number\_p.SelectCommand.ExecuteScalar());

int ID = Convert.ToInt32(ID\_Client.SelectCommand.ExecuteScalar());

Client cl = new Client(Series, Number, ID);

ActiveForm.Hide();

cl.Show();

}

else

{

if (Worker.SelectCommand.ExecuteScalar() != null)

{

if (Convert.ToString(Worker.SelectCommand.ExecuteScalar()) == "Админ")

{

Admin adm = new Admin();

ActiveForm.Hide();

adm.Show();

NameWorker = "Админ";

}

else

if (Convert.ToString(Worker.SelectCommand.ExecuteScalar()) == "Кассир" || Convert.ToString(Worker.SelectCommand.ExecuteScalar()) == "Консультант" || Convert.ToString(Worker.SelectCommand.ExecuteScalar()) == "Банкир" || Convert.ToString(Worker.SelectCommand.ExecuteScalar()) == "Бухгалтер")

{

NameWorker = Convert.ToString(Worker.SelectCommand.ExecuteScalar());

LoginWorker = textBox1.Text;

PasswordWorker = textBox2.Text;

SqlDataAdapter ID\_Worker = new SqlDataAdapter("Select ID\_Worker from [Worker] where Login='" + textBox1.Text + "' and Password='" + textBox2.Text + "'", con);

Worker wor = new Worker(IDWorker, NameWorker);

ActiveForm.Hide();

IDWorker = Convert.ToInt32(ID\_Worker.SelectCommand.ExecuteScalar());

wor.Show();

}

else

MessageBox.Show($"Вы являетесь работником нашего банка, но у вас нету прав входа");

} else

{

label3.Visible = true;

}

}

}

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

{

label3.Visible = false;

}

private void textBox2\_TextChanged(object sender, EventArgs e)

{

label3.Visible = false;

}

private void Authorization\_FormClosed(object sender, FormClosedEventArgs e)

{

Application.Exit();

}

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

{

Reg reg = new Reg();

this.Hide();

reg.Show();

}

}

}

Код Client:

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace WindowsFormsApp1

{

public partial class Client : Form

{

int ImageCheck;

int OpenAdd = 0;

byte[] Content;

int ser, num , ID\_Client20;

string connectString = "Data Source=localhost;Initial Catalog=BankLast;Integrated Security=True";

SqlDataAdapter adapter;

DataSet ds;

public Client(int Series, int Number, int Index\_Client)

{

InitializeComponent();

dataGridView1.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

dataGridView1.AllowUserToAddRows = false;

dataGridView1.ReadOnly = true;

dataGridView1.MultiSelect = false;

ser = Series;

num = Number;

ID\_Client20 = Index\_Client;

}

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

{

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

private void Client\_FormClosed(object sender, FormClosedEventArgs e)

{

Authorization auto = new Authorization();

ActiveForm.Hide();

auto.Show();

}

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

{

string query = $"SELECT \* from [Contract\_View] where [Серия паспорта клиента] = '{ser}' and [Номер паспорта клиента] = '{num}'";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

OpenAdd = 0;

panel2.Visible = false;

maskedTextBox1.Text = "";

maskedTextBox2.Text = "";

}

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

{

if (OpenAdd == 1)

{

SqlConnection sql = new SqlConnection(connectString);

ds = new DataSet();

sql.Open();

SqlCommand com = new SqlCommand($"delete from Purpose\_Client where ID\_Purpose\_Client= {dataGridView1.CurrentRow.Cells[0].Value}", sql);

com.ExecuteScalar();

sql.Close();

button1.PerformClick();

}

}

private void panel2\_Paint(object sender, PaintEventArgs e)

{

}

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

{

}

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

{

if (panel2.Visible == false)

{

ImageCheck = 0;

panel2.Visible = true;

SqlConnection sql = new SqlConnection(connectString);

sql.Open();

SqlDataAdapter adapter = new SqlDataAdapter("select \* From Purpose", sql);

DataSet ds = new DataSet();

adapter.Fill(ds);

comboBox1.DataSource = ds.Tables[0];

comboBox1.DisplayMember = "Name";

comboBox1.ValueMember = "ID\_Purpose";

sql.Close();

}

else

{

DateTime myDateTime = DateTime.Now;

string sqlFormattedDate = myDateTime.ToString("yyyy-MM-dd");

//MessageBox.Show(Convert.ToString(Convert.ToDateTime(dateTimePicker1.Text)));

//try

//{

string quertyTable = ".!.";

if (ImageCheck == 1)

{

quertyTable = $"insert into Purpose\_Client (Client\_ID, Purpose\_ID, Sum, Date\_Start, Date\_End, Temporaty\_Sum, Photo)" +

$"Values (N'{ID\_Client20}', N'{Convert.ToInt32(comboBox1.SelectedValue)}', N'{maskedTextBox1.Text.ToString()}'" +

$", N'{sqlFormattedDate}', N'{dateTimePicker1.Value.ToString("yyyy-MM-dd")}', N'{maskedTextBox2.Text.ToString()}' , @Image)";

}

if (ImageCheck == 0)

{

quertyTable = $"insert into Purpose\_Client (Client\_ID, Purpose\_ID, Sum, Date\_Start, Date\_End, Temporaty\_Sum)" +

$"Values (N'{ID\_Client20}', N'{Convert.ToInt32(comboBox1.SelectedValue)}', N'{maskedTextBox1.Text.ToString()}'" +

$", N'{sqlFormattedDate}', N'{dateTimePicker1.Value.ToString("yyyy-MM-dd")}', N'{maskedTextBox2.Text.ToString()}')";

}

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

SqlCommand cp = new SqlCommand(quertyTable, connection);

if (ImageCheck == 1)

cp.Parameters.Add("@Image", SqlDbType.Image).Value = Content;

cp.ExecuteNonQuery();

}

button1.PerformClick();

panel2.Visible = false;

ImageCheck = 0;

//}

//catch

//{

// MessageBox.Show("Некорректно заполнены поля");

//}

}

}

private void maskedTextBox2\_Leave(object sender, EventArgs e)

{

maskedTextBox1.Text = maskedTextBox1.Text.Trim();

maskedTextBox2.Text = maskedTextBox2.Text.Trim();

if (maskedTextBox1.Text != "" && maskedTextBox2.Text != "")

{

if (Convert.ToInt32(maskedTextBox2.Text) > Convert.ToInt32(maskedTextBox1.Text))

{

maskedTextBox2.Text = "";

MessageBox.Show("Внесенная сумма не может быть больше полной суммы");

}

}

}

private void button7\_Click(object sender, EventArgs e)

{

var ofd = new OpenFileDialog();

pictureBox1.SizeMode = PictureBoxSizeMode.StretchImage;

if (ofd.ShowDialog(this) == DialogResult.OK)

{

System.IO.FileStream fs = new System.IO.FileStream(ofd.FileName, System.IO.FileMode.Open, System.IO.FileAccess.Read);

Content = new byte[fs.Length];

fs.Read(Content, 0, Convert.ToInt32(fs.Length));

fs.Close();

pictureBox1.Image = Image.FromFile(ofd.FileName);

ImageCheck = 1;

}

}

private void maskedTextBox1\_Click(object sender, EventArgs e)

{

maskedTextBox1.SelectionStart = maskedTextBox1.Text.Length;

maskedTextBox2.SelectionStart = maskedTextBox2.Text.Length;

}

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

{

dateTimePicker1.MinDate = DateTime.Now;

}

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

{

string query = $"SELECT \* from [Purpose\_Client\_View] where [Серия паспорта клиента] = '{ser}' and [Номер паспорта клиента] = '{num}'";

using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();

adapter = new SqlDataAdapter(query, connection);

ds = new DataSet();

adapter.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

dataGridView1.Columns["Код"].ReadOnly = true;

}

OpenAdd = 1;

panel2.Visible = false;

maskedTextBox1.Text = "";

maskedTextBox2.Text = "";

}

}

}