LogWindow:

XAML:

<Window x:Class="Dem.LogWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:Dem"

mc:Ignorable="d"

Title="LogWindow" Height="450" Width="800">

<Grid>

<Grid.RowDefinitions>

<RowDefinition Height="\*" />

<RowDefinition Height="\*" />

<RowDefinition Height="\*" />

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</Grid.RowDefinitions>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*" />

<ColumnDefinition Width="3\*" />

<ColumnDefinition Width="\*" />

</Grid.ColumnDefinitions>

<TextBlock Grid.Row="1" Grid.Column="1"

FontSize="35" x:Name="RegTextBlock"

HorizontalAlignment="Center">Вход

</TextBlock>

<TextBlock Grid.Row="3" Grid.Column="0"

FontSize="35" x:Name="LogTextBlock"

HorizontalAlignment="Center">Логин

</TextBlock>

<TextBox Grid.Row="3" Grid.Column="1" FontSize="30" x:Name="LogTextBox"/>

<TextBlock Grid.Row="5" Grid.Column="0"

FontSize="35" x:Name="PassTextBlock"

HorizontalAlignment="Center">Пароль

</TextBlock>

<TextBox Grid.Row="5" Grid.Column="1" FontSize="30" x:Name="PassTextBox"/>

<Button Grid.Row="7" Grid.Column="1"

FontSize="30" HorizontalAlignment="Center"

Background="WhiteSmoke" x:Name="LogButton"

BorderBrush="Transparent"

Click="LogButton\_Click">Войти

</Button>

<Button Grid.Row="8" Grid.Column="1"

FontSize="30" HorizontalAlignment="Center"

Background="Transparent" BorderBrush="Transparent"

x:Name="RegButton" Foreground="Blue"

Click="RegButton\_Click">Регистрация

</Button>

</Grid>

</Window>

C#:

using Microsoft.Data.SqlClient;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows;

using System.Windows.Controls;

using System.Windows.Data;

using System.Windows.Documents;

using System.Windows.Input;

using System.Windows.Media;

using System.Windows.Media.Imaging;

using System.Windows.Shapes;

namespace Dem

{

/// <summary>

/// Логика взаимодействия для LogWindow.xaml

/// </summary>

public partial class LogWindow : Window

{

public LogWindow()

{

InitializeComponent();

}

private void LogButton\_Click(object sender, RoutedEventArgs e)

{

string stringConnection = "Data Source=DESKTOP-CGA7GS1\\SQLEXPRESS;Initial Catalog=Dem;Integrated Security=True;Multiple Active Result Sets=True;Encrypt=False";

string Login = LogTextBox.Text;

string Password = PassTextBox.Text;

try

{

using (SqlConnection connection = new SqlConnection(@stringConnection))

{

connection.Open();

SqlCommand command = new SqlCommand("SELECT COUNT(\*) FROM \"User\" WHERE Login = @login AND Password = @password", connection);

command.Parameters.AddWithValue("@login", Login);

command.Parameters.AddWithValue("@password", Password);

int count = (int)command.ExecuteScalar();

if (count > 0)

{

MessageBox.Show("Вы авторизовались!");

MainWindow mainWindow = new MainWindow();

mainWindow.Show();

this.Close();

}

else

{

MessageBox.Show("Ошибка! Проверьте так ли вы ввели данные.");

}

}

}catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

private void RegButton\_Click(object sender, RoutedEventArgs e)

{

RegWindow mainWindow = new RegWindow();

mainWindow.Show();

this.Close();

}

}

}

RegWindow:

XAML:

<Window x:Class="Dem.RegWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:Dem"

mc:Ignorable="d"

Title="RegWindow" Height="450" Width="800">

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<Grid.RowDefinitions>

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<RowDefinition Height="\*" />

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<RowDefinition Height="\*" />

<RowDefinition Height="\*" />

<RowDefinition Height="\*" />

</Grid.RowDefinitions>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*" />

<ColumnDefinition Width="3\*" />

<ColumnDefinition Width="\*" />

</Grid.ColumnDefinitions>

<TextBlock Grid.Row="0" Grid.Column="1" x:Name="MainTextBlock"></TextBlock>

<TextBlock Grid.Row="1" Grid.Column="1"

FontSize="35" x:Name="RegTextBlock"

HorizontalAlignment="Center">Регистрация

</TextBlock>

<TextBlock Grid.Row="3" Grid.Column="0"

FontSize="35" x:Name="FNameTextBlock"

HorizontalAlignment="Center">Имя

</TextBlock>

<TextBox Grid.Row="3" Grid.Column="1" FontSize="30" x:Name="FNameTextBox"/>

<TextBlock Grid.Row="4" Grid.Column="0"

FontSize="35" x:Name="LNameTextBlock"

HorizontalAlignment="Center">Фамилия

</TextBlock>

<TextBox Grid.Row="4" Grid.Column="1" FontSize="30" x:Name="LNameTextBox"/>

<TextBlock Grid.Row="5" Grid.Column="0"

FontSize="35" x:Name="LogTextBlock"

HorizontalAlignment="Center">Логин

</TextBlock>

<TextBox Grid.Row="5" Grid.Column="1" FontSize="30" x:Name="LogTextBox"/>

<TextBlock Grid.Row="6" Grid.Column="0"

FontSize="35" x:Name="PassTextBlock"

HorizontalAlignment="Center">Пароль

</TextBlock>

<TextBox Grid.Row="6" Grid.Column="1" FontSize="30" x:Name="PassTextBox"/>

<Button Grid.Row="7" Grid.Column="1"

FontSize="30" HorizontalAlignment="Center"

Background="WhiteSmoke" x:Name="RegButton"

Click="RegButton\_Click">Регистрация

</Button>

<Button Grid.Row="8" Grid.Column="1"

FontSize="30" HorizontalAlignment="Center"

Background="Transparent" BorderBrush="Transparent"

x:Name="LogButton" Foreground="Blue"

Click="LogButton\_Click">Войти

</Button>

</Grid>

</Window>

C#:

using Microsoft.Data.SqlClient;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows;

using System.Windows.Controls;

using System.Windows.Data;

using System.Windows.Documents;

using System.Windows.Input;

using System.Windows.Media;

using System.Windows.Media.Imaging;

using System.Windows.Shapes;

namespace Dem

{

/// <summary>

/// Логика взаимодействия для RegWindow.xaml

/// </summary>

public partial class RegWindow : Window

{

public RegWindow()

{

InitializeComponent();

}

private void RegButton\_Click(object sender, RoutedEventArgs e)

{

string stringConnection = "Data Source=DESKTOP-CGA7GS1\\SQLEXPRESS;Initial Catalog=Dem;Integrated Security=True;Multiple Active Result Sets=True;TrustServerCertificate=True;Encrypt=False";

string Login = LogTextBox.Text;

string Password = PassTextBox.Text;

string FName = FNameTextBox.Text;

string LName = LNameTextBox.Text;

try

{

using (SqlConnection connection = new SqlConnection(@stringConnection))

{

connection.Open();

string SqlQuery = "INSERT INTO \"User\" (FirstName, LastName, Login, Password, IdRole) VALUES (@FName, @LName, @Login, @Password, 2)";

SqlCommand command = new SqlCommand(SqlQuery, connection);

command.Parameters.AddWithValue("@Login", Login);

command.Parameters.AddWithValue("@Password", Password);

command.Parameters.AddWithValue("@FName", FName);

command.Parameters.AddWithValue("@LName", LName);

int rowsAffected = command.ExecuteNonQuery();

if (rowsAffected > 0)

{

MessageBox.Show("Данные успешно добавлены в базу данных.");

}

else

{

MessageBox.Show("Произошла ошибка при добавлении данных в базу данных.");

}

}

}catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

private void LogButton\_Click(object sender, RoutedEventArgs e)

{

LogWindow windowLog = new LogWindow();

windowLog.Show();

this.Close();

}

}

}

MainWidowClient:

<Window x:Class="Dem.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:Dem"

mc:Ignorable="d"

Title="MainWindow" Height="450" Width="800">

<Grid>

<Grid.RowDefinitions>

<RowDefinition Height="\*"/>

<RowDefinition Height="\*"/>

<RowDefinition Height="\*"/>

<RowDefinition Height="\*"/>

<RowDefinition Height="\*"/>

<RowDefinition Height="\*"/>

<RowDefinition Height="\*"/>

</Grid.RowDefinitions>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*"/>

<ColumnDefinition Width="3\*"/>

<ColumnDefinition Width="\*"/>

</Grid.ColumnDefinitions>

<TextBlock Grid.Row="1" Grid.Column="1"

HorizontalAlignment="Center"

VerticalAlignment="Center"

FontSize="30">

Главная страница

</TextBlock>

<Button x:Name="OrderButton"

Grid.Row="3" Grid.Column="1"

FontSize="27" Click="OrderButton\_Click">

Оставить заявку на ремонт

</Button>

<Button x:Name="OrderShowButton"

Grid.Row="5" Grid.Column="1"

FontSize="27" Click="OrderShowButton\_Click">

Посмотреть свои заявки

</Button>

</Grid>

</Window>

C#:

using Dem.Clients;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows;

using System.Windows.Controls;

using System.Windows.Data;

using System.Windows.Documents;

using System.Windows.Input;

using System.Windows.Media;

using System.Windows.Media.Imaging;

using System.Windows.Navigation;

using System.Windows.Shapes;

namespace Dem

{

/// <summary>

/// Interaction logic for MainWindow.xaml

/// </summary>

public partial class MainWindow : Window

{

public MainWindow()

{

InitializeComponent();

}

private void OrderShowButton\_Click(object sender, RoutedEventArgs e)

{

}

private void OrderButton\_Click(object sender, RoutedEventArgs e)

{

OrderWindow orderWindow = new OrderWindow();

orderWindow.Show();

this.Close();

}

}

}

OrderWindow:

XAML:

<Window x:Class="Dem.Clients.OrderWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:Dem.Clients"

mc:Ignorable="d"

Title="OrderWindow" Height="450" Width="800">

<Grid>

<Grid.RowDefinitions>

<RowDefinition Height="\*" />

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<RowDefinition Height="\*" />

</Grid.RowDefinitions>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*" />

<ColumnDefinition Width="3\*" />

<ColumnDefinition Width="\*" />

</Grid.ColumnDefinitions>

<TextBlock Grid.Row="1" Grid.Column="1"

HorizontalAlignment="Center"

VerticalAlignment="Center"

FontSize="30">

Оставить заявку на ремонт

</TextBlock>

<TextBlock Grid.Row="3" Grid.Column="0"

HorizontalAlignment="Center"

VerticalAlignment="Center"

FontSize="20">

Оборудование

</TextBlock>

<ComboBox Grid.Row="3" Grid.Column="1" x:Name="ProductBox" FontSize="20"/>

<TextBlock Grid.Row="5" Grid.Column="0"

HorizontalAlignment="Center"

VerticalAlignment="Center"

FontSize="20">

Проблема

</TextBlock>

<ComboBox Grid.Row="5" Grid.Column="1" x:Name="ProblemBox" FontSize="20"/>

<TextBlock Grid.Row="7" Grid.Column="0"

HorizontalAlignment="Center"

VerticalAlignment="Center"

FontSize="20">

Описание

</TextBlock>

<TextBox Grid.Row="7" Grid.Column="1" x:Name="DescriptionBox" FontSize="20" TextWrapping = "Wrap"/>

<Button Grid.Row="9" Grid.Column="1"

HorizontalAlignment="Center"

VerticalAlignment="Center"

FontSize="20" Click="ButtonClickSend">

Отправить

</Button>

<Button Grid.Row="10" Grid.Column="2"

HorizontalAlignment="Center"

VerticalAlignment="Center"

FontSize="20" Click="Button\_Click">

Назад

</Button>

</Grid>

</Window>

C#:

using Dem.Models;

using Microsoft.Data.SqlClient;

using Microsoft.VisualBasic.Logging;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows;

using System.Windows.Controls;

using System.Windows.Data;

using System.Windows.Documents;

using System.Windows.Input;

using System.Windows.Media;

using System.Windows.Media.Imaging;

using System.Windows.Shapes;

namespace Dem.Clients

{

/// <summary>

/// Логика взаимодействия для OrderWindow.xaml

/// </summary>

public partial class OrderWindow : Window

{

DemContext DemContext = new DemContext();

public OrderWindow()

{

InitializeComponent();

string stringConnection = "Data Source=DESKTOP-CGA7GS1\\SQLEXPRESS;Initial Catalog=Dem;Integrated Security=True;Multiple Active Result Sets=True;TrustServerCertificate=True;Encrypt=False";

using (SqlConnection connection = new SqlConnection(@stringConnection))

{

connection.Open();

var product = new SqlCommand("SELECT ProductName FROM Product", connection);

using (var reader = product.ExecuteReader())

{

while (reader.Read())

{

ProductBox.Items.Add(reader.GetString(0));

}

}

var problem = new SqlCommand("SELECT ProblrmName FROM Problem", connection);

using (var reader = problem.ExecuteReader())

{

while (reader.Read())

{

ProblemBox.Items.Add(reader.GetString(0));

}

}

}

}

private void Button\_Click(object sender, RoutedEventArgs e)

{

MainWindow mainWindow = new MainWindow();

mainWindow.Show();

this.Close();

}

private void ButtonClickSend(object sender, RoutedEventArgs e)

{

var Product = ProductBox.SelectedItem;

var Problem = ProblemBox.SelectedItem;

string Description = DescriptionBox.Text;

string stringConnection = "Data Source=DESKTOP-CGA7GS1\\SQLEXPRESS;Initial Catalog=Dem;Integrated Security=True;Multiple Active Result Sets=True;TrustServerCertificate=True;Encrypt=False";

try

{

using (SqlConnection connection = new SqlConnection(@stringConnection))

{

connection.Open();

string SqlQuery = "INSERT INTO \"Order\" (IdProduct, IdProblem, Description, IdUser, IdStatus) " +

"VALUES (@IdProduct, @IdProblem, @Description, 1, 1)";

SqlCommand command = new SqlCommand(SqlQuery, connection);

command.Parameters.AddWithValue("@IdProduct", Product);

command.Parameters.AddWithValue("@IdProblem", Problem);

command.Parameters.AddWithValue("@Description", Description);

int rowsAffected = command.ExecuteNonQuery();

if (rowsAffected > 0)

{

MessageBox.Show("Данные успешно добавлены в базу данных.");

}

else

{

MessageBox.Show("Произошла ошибка при добавлении данных в базу данных.");

}

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

}

}