**ПРИЛОЖЕНИЕ Д. КОД ПРОГРАММЫ**

**АННОТАЦИЯ**

В данном разделе представлены описания модулей приложения, код программы со встроенными комментариями модулей, а также код запроса БД.

СОДЕРЖАНИЕ

[1. ВВЕДЕНИЕ](#_Toc159490496)

[1.1. Описание модулей](#_Toc159490497)

[1.2. Accounting](#_Toc159490498)

[1.3. AddAssets](#_Toc159490499)

[1.4. Admin](#_Toc159490500)

[1.5. AdminCompany](#_Toc159490501)

[1.6. AdminCreateActive](#_Toc159490502)

[1.7. AdminCreateUsers](#_Toc159490503)

[1.8. AdminDelActive](#_Toc159490504)

[1.9. AdminDelUsers](#_Toc159490505)

[1.10. AdminUpdateActive](#_Toc159490506)

[1.11. AdminUpdateUsers](#_Toc159490507)

[1.12. AssetsDel](#_Toc159490508)

[1.13. AssetsHange](#_Toc159490509)

[1.14. LoginWindow](#_Toc159490510)

[1.15. MainWindow](#_Toc159490511)

[1.16. RegAccounting](#_Toc159490512)

[1.17. RegAdministrator](#_Toc159490513)

[1.18. RegWindow](#_Toc159490514)

[1.19. Код запроса БД](#_Toc159490515)

# ВВЕДЕНИЕ

## Описание модулей

Модули программы и их описание в алфавитном порядке:

1. Accounting – Главное окно бухгалтеров
2. AddAssets – Окно создания активов для бухгалтеров
3. Admin – Главное окно админов
4. AdminCompany – Окно изменения и просмотра компаний для адмистраторов
5. AdminCreateActive – Окно создания активов для администраторов
6. AdminCreateUsers – Окно создания пользователей для администраторов
7. AdminDelActive – Окно удаления активов для администраторов
8. AdminDelUsers – Окно удаления пользователей для администраторов
9. AdminUpdateActive – Окно изменения активов для администратора
10. AdminUpdateUsers – Окно изменения активов для администратора
11. AssetsDel – Окно удаления активов для бухгалтеров
12. AssetsHange – Окно изменения активов для бухгалтера
13. LoginWindow – Окно авторизации
14. MainWindow – Стартовое окно программы с переходом на Авторизацию и Регистрацию
15. RegAccounting – Окно регистрации бухгалтеров
16. RegAdministrator – Окно регистрации администраторов
17. RegWindow – Окно перехода на регистрацию администраторов и регистрацию бухгалтеров

## Accounting

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 Rostik

{

/// <summary>

/// Логика взаимодействия для Accounting.xaml

/// </summary>

public partial class Accounting : Window

{

public Accounting()

{

InitializeComponent();

}

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

{

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

Assets assets= new Assets();

assets.Show();

Close();

}

private void Assets(object sender, RoutedEventArgs e)

{

MainWindow exet = new MainWindow();

exet.Show();

Close();

}

}

}

## AddAssets

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Data;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для AddAssets.xaml

/// </summary>

public partial class AddAssets : Window

{

activeTableAdapter Active = new activeTableAdapter();

companyTableAdapter Company = new companyTableAdapter();

public AddAssets()

{

InitializeComponent();

ActiveGrid.ItemsSource = Active.GetData();

idCCbx.ItemsSource = Company.GetData();

idCCbx.DisplayMemberPath = "id\_c";

}

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

{

Assets assets = new Assets();

assets.Show();

Close();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

СhangeAssets assets = new СhangeAssets();

assets.Show();

Close();

}

private void Exit(object sender, RoutedEventArgs e)

{

MainWindow exet = new MainWindow();

exet.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

Accounting accounting = new Accounting();

accounting.Show();

Close();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

Active.InsertQuery(NameTbx.Text,DiscTbx.Text,QuantTbx.Text, Convert.ToDecimal(PriceTbx.Text),AddressTbx.Text, Convert.ToInt32(idCCbx.Text));

ActiveGrid.ItemsSource = Active.GetData();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

AdminAssets adminAss = new AdminAssets();

adminAss.Show(); Close();

}

private void Button\_Click\_5(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany = new AdminCompany();

adminCompany.Show(); Close();

}

}

}

## Admin

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 Rostik

{

/// <summary>

/// Логика взаимодействия для Admin.xaml

/// </summary>

public partial class Admin : Window

{

public Admin()

{

InitializeComponent();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

AdminAssets AdminAssets = new AdminAssets();

AdminAssets.Show();

Close();

}

private void Assets(object sender, RoutedEventArgs e)

{

MainWindow exit = new MainWindow();

exit.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

AdminDelActive delActive = new AdminDelActive();

delActive.Show();

Close();

}

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

{

AdminCompany AdminCompany = new AdminCompany();

AdminCompany.Show();

Close();

}

}

}

## AdminCompany

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Data;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для AdminCompany.xaml

/// </summary>

public partial class AdminCompany : Window

{

companyTableAdapter Company = new companyTableAdapter();

public AdminCompany()

{

InitializeComponent();

CompanyGrid.ItemsSource = Company.GetData();

}

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

{

AdminAssets adminAssets = new AdminAssets();

adminAssets.Show();

Close();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

Admin admin = new Admin();

admin.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

AdminDelActive adminDelActive = new AdminDelActive();

adminDelActive.Show();

Close();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

MainWindow mainWindow = new MainWindow();

mainWindow.Show();

Close();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

object id = (CompanyGrid.SelectedItem as DataRowView).Row[0];

DateTime date = DateTime.Parse(DateTbx.Text);

Company.UpdateQuery(NameTbx.Text, date.ToString(), LoginTbx.Text, Convert.ToInt32(id));

CompanyGrid.ItemsSource = Company.GetData();

}

private void ActiveGrid\_SelectionChanged(object sender, SelectionChangedEventArgs e)

{

if (CompanyGrid.SelectedItem == null)

{

CompanyGrid.ItemsSource = Company.GetData();

}

else

{

string Name = (string)(CompanyGrid.SelectedItem as DataRowView).Row[1];

DateTime Date = (DateTime)(CompanyGrid.SelectedItem as DataRowView).Row[2];

string Login = (string)(CompanyGrid.SelectedItem as DataRowView).Row[3];

NameTbx.Text = Name;

DateTbx.Text = Date.ToString();

LoginTbx.Text = Login;

}

}

}

}

## AdminCreateActive

using Rostik.RostikkDataSetTableAdapters;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для AdminCreateActive.xaml

/// </summary>

public partial class AdminCreateActive : Window

{

activeTableAdapter Active = new activeTableAdapter();

companyTableAdapter Company = new companyTableAdapter();

public AdminCreateActive()

{

InitializeComponent();

ActiveGrid.ItemsSource = Active.GetData();

idCCbx.ItemsSource = Company.GetData();

idCCbx.DisplayMemberPath = "id\_c";

}

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

{

AdminDelActive adminDelActive = new AdminDelActive();

adminDelActive.Show();

Close();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

AdminUpdateActive adminUpdateActive = new AdminUpdateActive();

adminUpdateActive.Show();

Close();

}

private void Exit(object sender, RoutedEventArgs e)

{

MainWindow exet = new MainWindow();

exet.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

Admin admin = new Admin();

admin.Show();

Close();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

Active.InsertQuery(NameTbx.Text, DiscTbx.Text, QuantTbx.Text, Convert.ToDecimal(PriceTbx.Text), AddressTbx.Text, Convert.ToInt32(idCCbx.Text));

ActiveGrid.ItemsSource = Active.GetData();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

AdminAssets adminAss = new AdminAssets();

adminAss.Show();

Close();

}

private void Button\_Click\_5(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany = new AdminCompany();

adminCompany.Show();

Close();

}

private void Button\_Click\_6(object sender, RoutedEventArgs e)

{

AdminAssets adminAssets = new AdminAssets();

adminAssets.Show();

Close();

}

private void Button\_Click\_7(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany1 = new AdminCompany();

adminCompany1.Show();

Close();

}

}

}

## AdminCreateUsers

using Rostik.RostikkDataSetTableAdapters;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для AdminCreateActive.xaml

/// </summary>

public partial class AdminCreateActive : Window

{

activeTableAdapter Active = new activeTableAdapter();

companyTableAdapter Company = new companyTableAdapter();

public AdminCreateActive()

{

InitializeComponent();

ActiveGrid.ItemsSource = Active.GetData();

idCCbx.ItemsSource = Company.GetData();

idCCbx.DisplayMemberPath = "id\_c";

}

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

{

AdminDelActive adminDelActive = new AdminDelActive();

adminDelActive.Show();

Close();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

AdminUpdateActive adminUpdateActive = new AdminUpdateActive();

adminUpdateActive.Show();

Close();

}

private void Exit(object sender, RoutedEventArgs e)

{

MainWindow exet = new MainWindow();

exet.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

Admin admin = new Admin();

admin.Show();

Close();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

Active.InsertQuery(NameTbx.Text, DiscTbx.Text, QuantTbx.Text, Convert.ToDecimal(PriceTbx.Text), AddressTbx.Text, Convert.ToInt32(idCCbx.Text));

ActiveGrid.ItemsSource = Active.GetData();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

AdminAssets adminAss = new AdminAssets();

adminAss.Show();

Close();

}

private void Button\_Click\_5(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany = new AdminCompany();

adminCompany.Show();

Close();

}

private void Button\_Click\_6(object sender, RoutedEventArgs e)

{

AdminAssets adminAssets = new AdminAssets();

adminAssets.Show();

Close();

}

private void Button\_Click\_7(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany1 = new AdminCompany();

adminCompany1.Show();

Close();

}

}

}

## AdminDelActive

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Data;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для AdminDelActive.xaml

/// </summary>

public partial class AdminDelActive : Window

{

activeTableAdapter Active = new activeTableAdapter();

public AdminDelActive()

{

InitializeComponent();

ActiveGrid.ItemsSource = Active.GetData();

}

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

{

MainWindow exet = new MainWindow();

exet.Show();

Close();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

AdminCreateActive adminCreateActive = new AdminCreateActive();

adminCreateActive.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

AdminUpdateActive adminUpdateActive = new AdminUpdateActive();

adminUpdateActive.Show(); Close();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

object id = (ActiveGrid.SelectedItem as DataRowView).Row[0];

Active.DeleteQuery(Convert.ToInt32(id));

ActiveGrid.ItemsSource = Active.GetData();

}

private void Button\_Click\_6(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany = new AdminCompany();

adminCompany.Show();

Close();

}

private void Button\_Click\_7(object sender, RoutedEventArgs e)

{

AdminAssets adminAssets = new AdminAssets();

adminAssets.Show();

Close();

}

private void Button\_Click\_8(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany1 = new AdminCompany();

adminCompany1.Show();

Close();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

Admin admin = new Admin();

admin.Show();

Close();

}

private void Button\_Click\_5(object sender, RoutedEventArgs e)

{

AdminCompany admin = new AdminCompany();

admin.Show();

Close();

}

}

}

## AdminDelUsers

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Data;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для AdminAssets.xaml

/// </summary>

public partial class AdminAssets : Window

{

usersTableAdapter Users = new usersTableAdapter();

public AdminAssets()

{

InitializeComponent();

UsersGrid.ItemsSource = Users.GetData();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

Admin Admin = new Admin();

Admin.Show();

Close();

}

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

{

MainWindow exet = new MainWindow();

exet.Show();

Close();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

object id = (UsersGrid.SelectedItem as DataRowView).Row[0];

Users.DeleteQuery(Convert.ToInt32(id));

UsersGrid.ItemsSource = Users.GetData();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

AdminAddAssets AdminAddAssets = new AdminAddAssets();

AdminAddAssets.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

AdminAssetsHange AdminAssetsHange = new AdminAssetsHange();

AdminAssetsHange.Show();

Close();

}

private void Button\_Click\_5(object sender, RoutedEventArgs e)

{

AdminCompany AdminCompany = new AdminCompany();

AdminCompany.Show();

Close();

}

private void Button\_Click\_6(object sender, RoutedEventArgs e)

{

AdminDelActive delActive = new AdminDelActive();

delActive.Show(); Close();

}

private void Button\_Click\_7(object sender, RoutedEventArgs e)

{

AdminDelActive delActive = new AdminDelActive();

delActive.Show(); Close();

}

private void Button\_Click\_8(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany = new AdminCompany();

adminCompany.Show(); Close();

}

}

}

## AdminUpdateActive

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Data;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для AdminUpdateActive.xaml

/// </summary>

public partial class AdminUpdateActive : Window

{

activeTableAdapter Active = new activeTableAdapter();

companyTableAdapter Company = new companyTableAdapter();

public AdminUpdateActive()

{

InitializeComponent();

ActiveGrid.ItemsSource = Active.GetData();

idCCbx.ItemsSource = Company.GetData();

idCCbx.DisplayMemberPath = "id\_c";

}

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

{

AdminAssets adminAssets = new AdminAssets();

adminAssets.Show();

Close();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

Admin admin = new Admin();

admin.Show(); Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

AdminCompany adminCompany = new AdminCompany();

adminCompany.Show(); Close();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

object id = (ActiveGrid.SelectedItem as DataRowView).Row[0];

Active.UpdateQuery(NameTbx.Text, DiscTbx.Text, QuantTbx.Text, Convert.ToDecimal(PriceTbx.Text), AddressTbx.Text, Convert.ToInt32(idCCbx.Text), Convert.ToInt32(id));

ActiveGrid.ItemsSource = Active.GetData();

}

private void ActiveGrid\_SelectionChanged(object sender, SelectionChangedEventArgs e)

{

if (ActiveGrid.SelectedItem == null)

{

ActiveGrid.ItemsSource = Active.GetData();

}

else

{

string Name = (string)(ActiveGrid.SelectedItem as DataRowView).Row[1];

string Disc = (string)(ActiveGrid.SelectedItem as DataRowView).Row[2];

string Quantity = (string)(ActiveGrid.SelectedItem as DataRowView).Row[3];

object Price = (ActiveGrid.SelectedItem as DataRowView).Row[4];

string Adress = (string)(ActiveGrid.SelectedItem as DataRowView).Row[5];

object idC = (ActiveGrid.SelectedItem as DataRowView).Row[6];

NameTbx.Text = Name;

DiscTbx.Text = Disc;

QuantTbx.Text = Quantity;

PriceTbx.Text = Price.ToString();

AddressTbx.Text = Adress;

idCCbx.Text = idC.ToString();

}

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

AdminDelActive adminDelActive = new AdminDelActive();

adminDelActive.Show();

Close();

}

private void Button\_Click\_5(object sender, RoutedEventArgs e)

{

AdminCreateActive adminCreateActive = new AdminCreateActive();

adminCreateActive.Show();

Close();

}

}

}

## AdminUpdateUsers

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Data;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для AdminAssetsHange.xaml

/// </summary>

public partial class AdminAssetsHange : Window

{

usersTableAdapter Users = new usersTableAdapter();

companyTableAdapter Company = new companyTableAdapter();

rolesTableAdapter Roles = new rolesTableAdapter();

public AdminAssetsHange()

{

InitializeComponent();

UsersGrid.ItemsSource = Users.GetData();

idCCbx.ItemsSource = Company.GetData();

idCCbx.DisplayMemberPath = "id\_c";

idRCbx.ItemsSource = Roles.GetData();

idRCbx.DisplayMemberPath = "id\_r";

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

Admin Admin = new Admin();

Admin.Show();

Close();

}

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

{

MainWindow exit = new MainWindow();

exit.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

AdminAssets AdminAssets = new AdminAssets();

AdminAssets.Show();

Close();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

AdminAssetsHange AdminAssetsHange = new AdminAssetsHange();

AdminAssetsHange.Show();

Close();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

object id = (UsersGrid.SelectedItem as DataRowView).Row[0];

Users.UpdateQuery(LoginTbx.Text, PasswordTbx.Text, Convert.ToInt32(idRCbx.Text), Convert.ToInt32(idCCbx.Text), Convert.ToInt32(id));

UsersGrid.ItemsSource = Users.GetData();

}

private void ActiveGrid\_SelectionChanged(object sender, SelectionChangedEventArgs e)

{

if (UsersGrid.SelectedItem == null)

{

UsersGrid.ItemsSource = Users.GetData();

}

else

{

string Login = (string)(UsersGrid.SelectedItem as DataRowView).Row[1];

string Password = (string)(UsersGrid.SelectedItem as DataRowView).Row[2];

object idR = (UsersGrid.SelectedItem as DataRowView).Row[3];

object idC = (UsersGrid.SelectedItem as DataRowView).Row[4];

LoginTbx.Text = Login;

PasswordTbx.Text = Password;

idRCbx.Text = idR.ToString();

idCCbx.Text = idC.ToString();

}

}

private void Button\_Click\_5(object sender, RoutedEventArgs e)

{

AdminCompany AdminCompany = new AdminCompany();

AdminCompany.Show();

Close();

}

private void Button\_Click\_6(object sender, RoutedEventArgs e)

{

AdminDelActive delActive = new AdminDelActive();

delActive.Show();

Close();

}

}

}

## AssetsDel

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Data;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для Assets.xaml

/// </summary>

public partial class Assets : Window

{

activeTableAdapter Active = new activeTableAdapter();

public Assets()

{

InitializeComponent();

ActiveGrid.ItemsSource = Active.GetData();

}

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

{

MainWindow exet = new MainWindow();

exet.Show();

Close();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

AddAssets add = new AddAssets();

add.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

СhangeAssets сhange = new СhangeAssets();

сhange.Show();

Close();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

Accounting accounting = new Accounting();

accounting.Show();

Close();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

object id = (ActiveGrid.SelectedItem as DataRowView).Row[0];

Active.DeleteQuery(Convert.ToInt32(id));

ActiveGrid.ItemsSource = Active.GetData();

}

}

}

## AssetsHange

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Data;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для СhangeAssets.xaml

/// </summary>

public partial class СhangeAssets : Window

{

activeTableAdapter Active = new activeTableAdapter();

companyTableAdapter Company = new companyTableAdapter();

public СhangeAssets()

{

InitializeComponent();

ActiveGrid.ItemsSource = Active.GetData();

idCCbx.ItemsSource = Company.GetData();

idCCbx.DisplayMemberPath = "id\_c";

}

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

{

MainWindow exet = new MainWindow();

exet.Show();

Close();

}

private void Button\_Click\_1(object sender, RoutedEventArgs e)

{

Accounting accounting = new Accounting();

accounting.Show();

Close();

}

private void Button\_Click\_2(object sender, RoutedEventArgs e)

{

AddAssets add = new AddAssets();

add.Show();

Close();

}

private void Button\_Click\_3(object sender, RoutedEventArgs e)

{

Assets assets = new Assets();

assets.Show(); Close();

Close();

}

private void Button\_Click\_4(object sender, RoutedEventArgs e)

{

object id = (ActiveGrid.SelectedItem as DataRowView).Row[0];

Active.UpdateQuery(NameTbx.Text, DiscTbx.Text, QuantTbx.Text, Convert.ToDecimal(PriceTbx.Text), AddressTbx.Text, Convert.ToInt32(idCCbx.Text), Convert.ToInt32(id.ToString()));

ActiveGrid.ItemsSource = Active.GetData();

}

private void ActiveGrid\_SelectionChanged(object sender, SelectionChangedEventArgs e)

{

if (ActiveGrid.SelectedItem == null)

{

ActiveGrid.ItemsSource = Active.GetData();

}

else

{

string Name = (string)(ActiveGrid.SelectedItem as DataRowView).Row[1];

string Disc = (string)(ActiveGrid.SelectedItem as DataRowView).Row[2];

string Quantity = (string)(ActiveGrid.SelectedItem as DataRowView).Row[3];

object Price = (ActiveGrid.SelectedItem as DataRowView).Row[4];

string Adress = (string)(ActiveGrid.SelectedItem as DataRowView).Row[5];

object idC = (ActiveGrid.SelectedItem as DataRowView).Row[6];

NameTbx.Text = Name;

DiscTbx.Text = Disc;

QuantTbx.Text = Quantity;

PriceTbx.Text = Price.ToString();

AddressTbx.Text = Adress;

idCCbx.Text = idC.ToString();

}

}

}

}

## LoginWindow

using Rostik.RostikkDataSetTableAdapters;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для Window2.xaml

/// </summary>

public partial class LoginWindow : Window

{

usersTableAdapter Users = new usersTableAdapter();

public LoginWindow()

{

InitializeComponent();

}

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

{

var allLogins = Users.GetData().Rows;

for (int i = 0; i < allLogins.Count; i++)

{

if (allLogins[i][1].ToString() == LoginTbx.Text &&

allLogins[i][2].ToString() == PasswordTbx.Password

)

{

int role = (int)allLogins[i][3];

switch (role)

{

case 1:

new Admin().Show();

Close();

break;

case 2:

new Accounting().Show();

Close();

break;

}

}

}

if (LoginTbx.Text == string.Empty || PasswordTbx.Password == string.Empty)

{

MessageBox.Show("Одно или несколько полей остались пустыми. Повторите попытку");

LoginTbx.Text = string.Empty;

PasswordTbx.Password = string.Empty;

}

else

{

LoginTbx.Text = string.Empty;

PasswordTbx.Password = string.Empty;

}

}

}

}

## MainWindow

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 Rostik

{

/// <summary>

/// Логика взаимодействия для MainWindow.xaml

/// </summary>

public partial class MainWindow : Window

{

public MainWindow()

{

InitializeComponent();

}

private void Reg(object sender, RoutedEventArgs e)

{

RegWindow reg = new RegWindow();

reg.Show();

Close();

}

private void Login(object sender, RoutedEventArgs e)

{

LoginWindow log = new LoginWindow();

log.Show();

Close();

}

}

}

## RegAccounting

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Text.RegularExpressions;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для RegAccountan.xaml

/// </summary>

public partial class RegAccountan : Window

{

usersTableAdapter Users = new usersTableAdapter();

public RegAccountan()

{

InitializeComponent();

}

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

{

string email = RegisterLoginTbx.Text;

if (IsEmailValid(email))

{

int id = 2;

Users.InsertQuery(RegisterLoginTbx.Text, RegisterPasswordTbx.Password, id, 1);

new LoginWindow().Show();

Close();

}

else

{

MessageBox.Show("Почта введена неправильно");

}

}

static bool IsEmailValid(string email)

{

// Шаблон регулярного выражения для проверки email

string pattern = @"^[a-zA-Z0-9\_.+-]+@[a-zA-Z0-9-]+\.[a-zA-Z0-9-.]+$";

// Проверка соответствия шаблону

return Regex.IsMatch(email, pattern);

}

}

}

## RegAdministrator

using Rostik.RostikkDataSetTableAdapters;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Text.RegularExpressions;

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 Rostik

{

/// <summary>

/// Логика взаимодействия для Administrator.xaml

/// </summary>

public partial class RegAdministrator : Window

{

usersTableAdapter Users = new usersTableAdapter();

companyTableAdapter Company = new companyTableAdapter();

public RegAdministrator()

{

InitializeComponent();

}

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

{

string email = LoginTbx.Text;

if (IsEmailValid(email))

{

Company.InsertQuery(NameCompanyTbx.Text, DateTbx.Text, LoginTbx.Text);

var allLogins = Company.GetData().Rows;

for (int i = 0; i < allLogins.Count; i++)

{

if (allLogins[i][3].ToString() == LoginTbx.Text)

{

int id = 1;

int idc = (int)allLogins[i][0];

Users.InsertQuery(LoginTbx.Text, PasswordTbx.Password, id, idc);

new LoginWindow().Show();

Close();

}

}

}

else

{

MessageBox.Show("Почта введена неправильно");

}

}

static bool IsEmailValid(string email)

{

// Шаблон регулярного выражения для проверки email

string pattern = @"^[a-zA-Z0-9\_.+-]+@[a-zA-Z0-9-]+\.[a-zA-Z0-9-.]+$";

// Проверка соответствия шаблону

return Regex.IsMatch(email, pattern);

}

}

}

## RegWindow

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 Rostik

{

/// <summary>

/// Логика взаимодействия для Window1.xaml

/// </summary>

public partial class RegWindow : Window

{

public RegWindow()

{

InitializeComponent();

}

private void Accountan(object sender, RoutedEventArgs e)

{

RegAccountan reg = new RegAccountan();

reg.Show();

Close();

}

private void Administrator(object sender, RoutedEventArgs e)

{

RegAdministrator regadm = new RegAdministrator();

regadm.Show();

Close();

}

}

}

## Код запроса БД

--Create

create database Rostikk

create table roles(

id\_r int identity(1,1) primary key,

role nvarchar(50) not null

);

create table company(

id\_c int identity(1,1) primary key,

name nvarchar(50) not null,

registration\_date date not null,

admin nvarchar(50) not null

);

create table active(

id\_a int identity(1,1) primary key,

name nvarchar(50) not null,

description nvarchar(255) not null,

quantity nvarchar(50) not null,

price decimal(10,3) not null,

address nvarchar(50) not null,

id\_c int

foreign key(id\_c)

references company (id\_c)

);

create table users(

id\_u int identity(1,1) primary key,

login nvarchar(50) not null,

password nvarchar(50) not null,

id\_r int,

id\_c int

foreign key(id\_r)

references roles (id\_r),

foreign key(id\_c)

references company (id\_c)

);

--Insert

INSERT INTO roles (role) VALUES (N'Администратор');

INSERT INTO roles (role) VALUES (N'Бухгалтер');

--Select

select \* from roles

select \* from users

select \* from company

select \* from active

--Drop

drop table company

drop table active

drop table users

drop table roles