**КОД ПРИЛОЖЕНИЯ**

**UserContext**

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| --- |
| using ParamonovPrakt2.Models;  using Microsoft.EntityFrameworkCore;  using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace ParamonovPrakt2.Contexts  {  public class Context : DbContext  {  public DbSet<User> Users { get; set; }  public DbSet<ADMIN> admins { get; set; }  protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)  {  optionsBuilder.UseSqlServer("Server=localhost\\SQLEXPRESS;Database=Paramonov3;Trusted\_Connection=True;TrustServerCertificate=True");  }  }  } |

**Models (Admin)**

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| --- |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace ParamonovPrakt2.Models  {  public class ADMIN  {  public int AdminId { get; set; }  public string login { get; set; }  public string password { get; set; }  public bool isAdmin { get; set; }  }  } |

**Models (User)**

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| --- |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace ParamonovPrakt2.Models  {  public class User  {  public int userId { get; set; }  public string login { get; set; }  public string password { get; set; }  public bool isAdmin { get; set; }  }  } |

**MainViewModels**

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| using ParamonovPrakt2.Contexts;  using ParamonovPrakt2.Models;  using System;  using System.Collections;  using System.Collections.Generic;  using System.ComponentModel;  using System.Linq;  using System.Runtime.CompilerServices;  using System.Text;  using System.Threading.Tasks;  namespace ParamonovPrakt2.ViewModels  {  public class MainViewModel : INotifyPropertyChanged  {  public event PropertyChangedEventHandler? PropertyChanged;  public void OnPropertyChanged([CallerMemberName] string name = "")  {  PropertyChanged?.Invoke(this, new PropertyChangedEventArgs(name));  }  private IEnumerable<User> \_users;  public IEnumerable<User> USERS  {  get  {  return \_users;  }  set  {  \_users = value;  OnPropertyChanged();  }  }  private void GetUser()  {  using (var context = new Context())  {  USERS = context.Users.ToList();  }  }  private IEnumerable<ADMIN> \_admins;  public IEnumerable<ADMIN> admins  {  get  {  return \_admins;  }  set  {  \_admins = value;  OnPropertyChanged();  }  }  private void GetADMIN()  {  using (var context = new Context())  {  admins = context.admins.ToList();  }  }  public MainViewModel()  {  GetUser();  GetADMIN();  }  }  } |

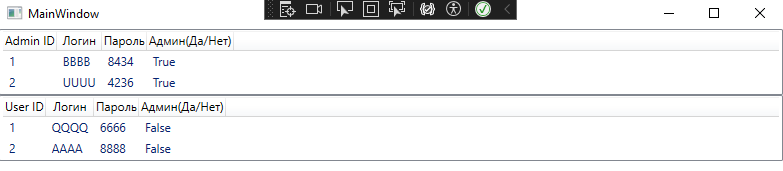
**MainWindow.xaml**

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| <Window x:Class="ParamonovPrakt2.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:vm="clr-namespace:ParamonovPrakt2.ViewModels"  xmlns:local="clr-namespace:ParamonovPrakt2"  mc:Ignorable="d"  Title="MainWindow" Height="450" Width="800">  <Window.DataContext>  <vm:MainViewModel/>  </Window.DataContext>  <StackPanel>  <ListView ItemsSource="{Binding admins}" SelectionChanged="ListView\_SelectionChanged">  <ListView.View>  <GridView>  <GridViewColumn Header="Admin ID" DisplayMemberBinding="{Binding AdminId}"></GridViewColumn>  <GridViewColumn Header="Логин" DisplayMemberBinding="{Binding login}"></GridViewColumn>  <GridViewColumn Header="Пароль" DisplayMemberBinding="{Binding password}"></GridViewColumn>  <GridViewColumn Header="Админ(Да/Нет)" DisplayMemberBinding="{Binding isAdmin}"></GridViewColumn>  </GridView>  </ListView.View>  </ListView>  <ListView ItemsSource="{Binding USERS}" SelectionChanged="ListView\_SelectionChanged\_1">  <ListView.View>  <GridView>  <GridViewColumn Header="User ID" DisplayMemberBinding="{Binding userId}"></GridViewColumn>  <GridViewColumn Header="Логин" DisplayMemberBinding="{Binding login}"></GridViewColumn>  <GridViewColumn Header="Пароль" DisplayMemberBinding="{Binding password}"></GridViewColumn>  <GridViewColumn Header="Админ(Да/Нет)" DisplayMemberBinding="{Binding isAdmin}"></GridViewColumn>  </GridView>  </ListView.View>  </ListView>  </StackPanel>  </Window> |

**MainWindow.xaml.cs**

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| --- |
| using System.Text;  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 ParamonovPrakt2  {  /// <summary>  /// Interaction logic for MainWindow.xaml  /// </summary>  public partial class MainWindow : Window  {  public MainWindow()  {  InitializeComponent();  }  private void ListView\_SelectionChanged(object sender, SelectionChangedEventArgs e)  {  }  private void ListView\_SelectionChanged\_1(object sender, SelectionChangedEventArgs e)  {  }  }  } |

**РАБОТОСПОСОБНОСТЬ**

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**SQL**

use Paramonov3  
  
create table Users (  
userId INT PRIMARY KEY identity,login VARCHAR(50),  
password VARCHAR(50),isAdmin BIT,  
);insert into Users  
values('QQQQ', '6666', 0),  
('AAAA', '8888', 0)select \* from Users

use Paramonov3  
  
create table admins (  
AdminId INT PRIMARY KEY identity,login VARCHAR(50),  
password VARCHAR(50),isAdmin BIT,  
);insert into admins  
values('BBBB', '8434', 1),  
('UUUU', '4236', 1)select \* from admins