**КОД ПРИЛОЖЕНИЯ**

**UserContext**

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

**Models**

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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 UserContext())**  **{**  **USERS = context.Users.ToList();**  **}**  **}**  **public MainViewModel()**  **{**  **GetUser();**  **}**  **}**  **}** |

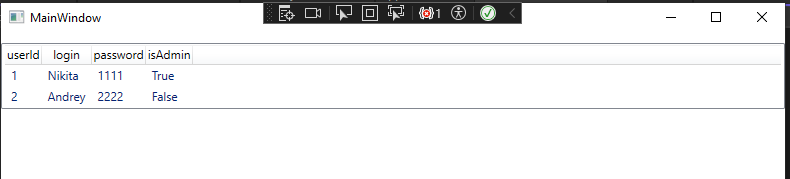
**MainWindow.xaml**

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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>  <Label Content="{Binding USER.login}"></Label>  <ListView ItemsSource="{Binding USERS}">  <ListView.View>  <GridView>  <GridViewColumn Header="userId" DisplayMemberBinding="{Binding userId}"></GridViewColumn>  <GridViewColumn Header="login" DisplayMemberBinding="{Binding login}"></GridViewColumn>  <GridViewColumn Header="password" DisplayMemberBinding="{Binding password}"></GridViewColumn>  <GridViewColumn Header="isAdmin" 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();  }  }  } |

**РАБОТОСПОСОБНОСТЬ**

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**SQL**

use Paramonov  
create table Users (userId INT PRIMARY KEY identity,login VARCHAR(50),  
password VARCHAR(50),isAdmin BIT,);insert into Users  
values('Nikita', '1111', 1),('Andrey', '2222', 0)select \* from Users