```csharp
 1  using AppProjects;
 2  using AppProjects;
 3  using System;
 4  using System.Collections.Generic;
 5  using System.Data.Entity;
 6  using System.Linq;
 7  using System.Text;
 8  using System.Threading.Tasks;
 9  using System.Windows;
10  using System.Windows.Controls;
11  using System.Windows.Data;
12  using System.Windows.Documents;
13  using System.Windows.Input;
14  using System.Windows.Media;
15  using System.Windows.Media.Imaging;
16  using System.Windows.Shapes;
17
18  namespace AppProjects
19  {
20
21      public partial class DlgCompany : Window
22      {
23          public ProjectDB content { get; set; }
24          public Companies item { get; set; }
25
26          public DlgCompany(ProjectDB content)
27          {
28              InitializeComponent();
29              this.content = content;
30              item = new Companies();
31              Title = "Добавить компанию";
32              ButtonUpdate.Visibility = Visibility.Hidden;
33              ButtonNew.Visibility = Visibility.Visible;
34              WindowsConfig();
35          }
36
37          public DlgCompany(ProjectDB content, Companies item)
38          {
39              InitializeComponent();
40              this.content = content;
41              this.item = item;
42              Title = "Изменить компанию";
43              ButtonUpdate.Visibility = Visibility.Visible;
44              ButtonNew.Visibility = Visibility.Hidden;
45              WindowsConfig();
46          }
47
48          public void WindowsConfig()
49          {
50              DataContext = item;
51              BoxCity.ItemsSource = (from c in content.Companies select
                 c.City).Distinct().ToList();
52              BoxCountry.ItemsSource = (from c in content.Companies select
                 c.Country).Distinct().ToList();
53              BoxIndustry.ItemsSource = (from c in content.Companies select
                 c.Industry).Distinct().ToList();
```

```
54              BoxOwner.ItemsSource = (from c in content.Persons select c).ToList ⮑
                ();
55          }
56
57
58
59      private void ButtonUpdate_Click(object sender, RoutedEventArgs e)
60      {
61          if (!Validate()) return;
62          try
63          {
64              content.SaveChanges();
65              DialogResult = true;
66              Close();
67          }
68          catch
69          {
70              MessageBox.Show("Что-то не так с данными. Исправте ошибки и    ⮑
                    повторите ввод", "Ошибки в данных", MessageBoxButton.OK,    ⮑
                    MessageBoxImage.Warning);
71          }
72
73      }
74
75      private void ButtonCancel_Click(object sender, RoutedEventArgs e)
76      {
77          if (item.id != 0) content.Entry(item).State =                       ⮑
                EntityState.Unchanged;
78          DialogResult = false;
79          Close();
80      }
81
82      bool Validate()
83      {
84          return true;
85      }
86
87
88      private void ButtonNew_Click(object sender, RoutedEventArgs e)
89      {
90          if (!Validate()) return;
91          try
92          {
93            content.Companies.Add(item);
94            content.SaveChanges();
95            DialogResult = true;
96            Close();
97          }
98          catch
99          {
100             MessageBox.Show("Что-то не так с данными. Исправте ошибки и    ⮑
                    повторите ввод", "Ошибки в данных", MessageBoxButton.OK,    ⮑
                    MessageBoxImage.Warning);
101         }
102
103     }
```

```
104
105          private void Window_Loaded(object sender, RoutedEventArgs e)
106          {
107          }
108      }
109 }
110
```