<Grid Background="#FFFDFAF1">

<Grid.ColumnDefinitions>

<ColumnDefinition />

<ColumnDefinition />

</Grid.ColumnDefinitions>

<Grid.RowDefinitions >

<RowDefinition Height="Auto"/>

<RowDefinition Height="\*"/>

<RowDefinition Height="Auto"/>

</Grid.RowDefinitions>

<TextBlock TextAlignment="Center" Grid.Column="0" Grid.Row="0" FontSize="24">Список дел</TextBlock>

<CheckBox IsChecked="True" VerticalAlignment="Bottom" HorizontalAlignment="Left" Grid.Column="1" Grid.Row="0" FontSize="16">Добавление новых дел</CheckBox>

<ListBox Name="listTODO" Background="#FDF5DF" Grid.Column="0" Grid.Row="1" Margin="10" SelectionMode="Single">

<ListBox.ItemTemplate>

<DataTemplate >

<StackPanel >

<TextBlock FontSize="14" Text="{Binding Path=Title}" ></TextBlock>

<TextBlock Text="{Binding StringFormat=dd.MM.yyyy, Path=DueDate}" ></TextBlock>

<TextBlock FontSize="12" Text="{Binding Path=Description}" ></TextBlock>

</StackPanel>

</DataTemplate>

</ListBox.ItemTemplate>

</ListBox>

<GroupBox Grid.Column="1" Grid.Row="1" Margin="10">

<StackPanel Background="#FDF5DF" Margin="10">

<TextBlock Text="Название:" FontSize="14" HorizontalAlignment="Left" Margin="3 3 3 3"/>

<TextBox Name="titleBox" Width="Auto" Margin="3 3 3 3" />

<TextBlock Text="Выполнить до:" FontSize="14" HorizontalAlignment="Left" Margin="3 3 3 3"/>

<DatePicker Name="dateToDo" Margin="5 5 5 5" SelectedDate="2024, 01, 10"/>

<TextBlock Text="Описание:" FontSize="14" HorizontalAlignment="Left" Margin="3 3 3 3"/>

<TextBox Name="descriptionToDo" Text="Нет описания" Width="Auto" Margin="5 5 5 5" AcceptsReturn="True" TextWrapping="Wrap" MaxLines="10"/>

</StackPanel>

</GroupBox>

<Button x:Name="buttonDel" Background="#5EBEC4" Grid.Column="0" Grid.Row="2" Margin="0 5 0 5" Padding="3 3 3 3" VerticalAlignment="Center" HorizontalAlignment="Center" Click="EraseButtonClick">Удалить дело</Button>

<Button x:Name="buttonAdd" ToolTip="При добавлении дело появится в списке слева, и его придется выполнить" Background="#5EBEC4" Grid.Column="1" Grid.Row="2" Margin="0 5 0 5" Padding="3 3 3 3" VerticalAlignment="Center" HorizontalAlignment="Center" Click="AddButtonClick">Добавить дело</Button>

</Grid>

InitializeComponent();

listToDo = new List<ToDo>

{

new ToDo {Title = "Название1", DueDate = DateTime.Now, Description = "Описание1"},

new ToDo {Title = "Название2", DueDate= DateTime.Now, Description = "Описание2"},

new ToDo {Title = "Название3", DueDate= DateTime.Now, Description = "Описание3"},

};

listTODO.ItemsSource = listToDo;

}

private void AddButtonClick(object sender, RoutedEventArgs e)

{

if (!IsNullOrWhiteSpace(titleBox.Text) && !IsNullOrWhiteSpace(descriptionToDo.Text) && dateToDo.SelectedDate != null)

{

listToDo.Add(new ToDo

{

Title = titleBox.Text,

DueDate = (DateTime)dateToDo.SelectedDate,

Description = descriptionToDo.Text

});

listTODO.ItemsSource = null;

listTODO.ItemsSource = listToDo;

titleBox.Text = null;

dateToDo.Text = Convert.ToString(DateTime.Now);

descriptionToDo.Text = null;

}

}

private void EraseButtonClick(object sender, RoutedEventArgs e)

{

listToDo.Remove(listTODO.SelectedItem as ToDo);

listTODO.ItemsSource = null;

listTODO.ItemsSource = listToDo;

}

private static bool IsNullOrWhiteSpace(String value)

{

if (value == null) return true;

for (int i = 0; i < value.Length; i++)

{

if (!Char.IsWhiteSpace(value[i])) return false;

}

return true;

}

}