	Собрать	
	Пересобрать	
	Очистить	
	Анализ и очистка кода	▶
	Упаковать	
	Опубликовать...	
	Открыть элемент как корень обозревателя	
	Новое представление: Обозреватель решений	
	Показать на карте кода	
	Изменить файл проекта	
	Добавить	▶
	Управление пакетами NuGet...	
	Управление секретами пользователей	
	Удалить неиспользуемые ссылки...	
	Синхронизация пространства имен	
	Назначить в качестве запускаемого проекта	
	Отладка	▶
	Вырезать	Ctrl+X
	Удалить	Del
	Переименовать	F2
	Выгрузить проект	
	Загрузить прямые зависимости	
	Загрузить все дерево зависимостей	

Обзор   Установлено   Обновления

Поиск (Ctrl+L)   ☐ Включить предварительные версии

MaterialDesignColors автор: James Willock   2.0.6
ResourceDictionary instances containing standard Google Material Design swatches, for inclusion in a XAML application.

MaterialDesignThemes автор: James Willock   4.5.0
ResourceDictionary instances containing Material Design templates and styles for WPF controls in .NET.

Решение "UI-PR-TASK-27" (1 проекта 1)
  UI-PR-TASK-27
    ▷ Зависимости
    ▲ AppStyle
        MainStyleApp.xaml
    ▲ Images
        p1.png
        p2.png
        p3.png
        p4.png
    ▲ View
      ▲ UserControls
        ▲ ProductControl.xaml
          ▷ ProductControl.xaml.cs
    ▷ App.xaml
      AssemblyInfo.cs
    ▷ MainWindow.xaml

```xml
<ResourceDictionary xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
                    xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
                    xmlns:materialDesign="http://materialdesigninxaml.net/winfx/xaml/themes">
    <Style TargetType="Button" x:Key="BtnClose">
        <Setter Property="Background" Value="Transparent" />
        <Setter Property="Cursor" Value="Hand" />
        <Setter Property="Template">
            <Setter.Value>
                <ControlTemplate TargetType="Button">
                    <Border Background="{TemplateBinding Background}"
                            BorderThickness="0">
                        <ContentPresenter HorizontalAlignment="Center"
                                          VerticalAlignment="Center"/>
                    </Border>
                </ControlTemplate>
            </Setter.Value>
        </Setter>

        <Style.Triggers>
            <Trigger Property="IsMouseOver" Value="True">
                <Setter Property="Background" Value="#23379A" />
                <Setter Property="Foreground" Value="White" />
            </Trigger>
        </Style.Triggers>
    </Style>

    <Style TargetType="Button" x:Key="BtnMinimize">
        <Setter Property="Background" Value="Transparent" />
        <Setter Property="Cursor" Value="Hand" />
        <Setter Property="Template">
            <Setter.Value>
                <ControlTemplate TargetType="Button">
                    <Border Background="{TemplateBinding Background}"
                            BorderThickness="0">
                        <ContentPresenter HorizontalAlignment="Center"
                                          VerticalAlignment="Center"/>
                    </Border>
                </ControlTemplate>
            </Setter.Value>
        </Setter>
```

```xml
        <Style.Triggers>
            <Trigger Property="IsMouseOver" Value="True">
                <Setter Property="Background" Value=■"#345DB8" />
                <Setter Property="Foreground" Value=□"White"/>
            </Trigger>
        </Style.Triggers>
</Style>

<Style TargetType="Button" x:Key="BtnCounter">
    <Setter Property="Background" Value=■"#878382" />
    <Setter Property="Width" Value="30" />
    <Setter Property="Height" Value="30" />
    <Setter Property="Cursor" Value="Hand" />
    <Setter Property="Template">
        <Setter.Value>
            <ControlTemplate TargetType="Button">
                <Border Background="{TemplateBinding Background}"
                        BorderThickness="0"
                        CornerRadius="50"
                        Padding="5">
                    <ContentPresenter HorizontalAlignment="Center"
                                      VerticalAlignment="Center"/>
                </Border>
            </ControlTemplate>
        </Setter.Value>
    </Setter>

    <Style.Triggers>
        <Trigger Property="IsMouseOver" Value="True">
            <Setter Property="Background" Value=■"#606060" />
            <Setter Property="Foreground" Value=■"White"/>
        </Trigger>

        <Trigger Property="IsMouseCaptured" Value="True">
            <Setter Property="Background" Value=□"#303030" />
            <Setter Property="Foreground" Value=■"White"/>
        </Trigger>
    </Style.Triggers>
</Style>
```

```xml
<Style TargetType="materialDesign:PackIcon" x:Key="icon">
    <Setter Property="Foreground" Value="White" />
    <Setter Property="Cursor" Value="Hand" />
    <Style.Triggers>
        <Trigger Property="IsMouseOver" Value="True">
            <Setter Property="RenderTransform">
                <Setter.Value>
                    <ScaleTransform ScaleX="1.2" ScaleY="1.2"/>
                </Setter.Value>
            </Setter>
        </Trigger>
    </Style.Triggers>
</Style>

<Style TargetType="Button" x:Key="BtnDelete">
    <Setter Property="Width" Value="50" />
    <Setter Property="Cursor" Value="Hand" />
    <Setter Property="Template">
        <Setter.Value>
            <ControlTemplate TargetType="Button">
                <Border Background="#345DB8"
                        BorderThickness="0"
                        Padding="5">
                    <ContentPresenter HorizontalAlignment="Center"
                                      VerticalAlignment="Center"/>
                </Border>
            </ControlTemplate>
        </Setter.Value>
    </Setter>
</Style>

<Style TargetType="Button" x:Key="BtnBack">
    <Setter Property="Background" Value="Transparent" />
    <Setter Property="FontSize" Value="16" />
    <Setter Property="HorizontalAlignment" Value="Left" />
    <Setter Property="Cursor" Value="Hand" />
    <Setter Property="Template">
        <Setter.Value>
            <ControlTemplate TargetType="Button">
                <Border Background="{TemplateBinding Background}"
                        BorderThickness="0"
                        CornerRadius="3"
                        Padding="12 7">
```

```xml
                                    <ContentPresenter HorizontalAlignment="Center"
                                                      VerticalAlignment="Center"/>
                            </Border>
                    </ControlTemplate>
            </Setter.Value>
        </Setter>

        <Style.Triggers>
            <Trigger Property="IsMouseOver" Value="True">
                <Setter Property="Background" Value=■"#E0E0E0" />
            </Trigger>
        </Style.Triggers>
</Style>

<Style TargetType="TextBlock" x:Key="titleText">
    <Setter Property="Foreground" Value=■"#E9E9E9" />
    <Setter Property="FontSize" Value="14" />
</Style>

<Style TargetType="Button" x:Key="BtnCheckout">
    <Setter Property="Background" Value=■"#345DB8" />
    <Setter Property="Foreground" Value=□"#262729" />
    <Setter Property="FontSize" Value="16" />
    <Setter Property="VerticalAlignment" Value="Bottom" />
    <Setter Property="Height" Value="70" />
    <Setter Property="FontWeight" Value="SemiBold" />
    <Setter Property="Cursor" Value="Hand" />
    <Setter Property="Template">
        <Setter.Value>
            <ControlTemplate TargetType="Button">
                <Border Background="{TemplateBinding Background}"
                        BorderThickness="0">
                    <ContentPresenter HorizontalAlignment="Center"
                                      VerticalAlignment="Center"/>
                </Border>
            </ControlTemplate>
        </Setter.Value>
    </Setter>

    <Style.Triggers>
        <Trigger Property="IsMouseOver" Value="True">
            <Setter Property="Background" Value=■"#345DB8" />
            <Setter Property="Foreground" Value=□"#111111" />
        </Trigger>
    </Style.Triggers>
</Style.Triggers>
```

```xml
        </Style>

    <Style TargetType="{x:Type TextBox}">
        <Setter Property="Foreground" Value="#345DB8" />
        <Setter Property="FontSize" Value="12" />
        <Setter Property="Padding" Value="0 5" />
        <Setter Property="Template">
            <Setter.Value>
                <ControlTemplate TargetType="{x:Type TextBoxBase}">
                    <Border x:Name="border"
                            Background="Transparent"
                            BorderThickness="0 0 0 1"
                            BorderBrush="#345DB8"
                            SnapsToDevicePixels="True">
                        <ScrollViewer x:Name="PART_ContentHost"
                                      Focusable="False"
                                      HorizontalScrollBarVisibility="Hidden"
                                      VerticalScrollBarVisibility="Hidden"/>
                    </Border>

                    <ControlTemplate.Triggers>
                        <Trigger Property="IsMouseOver" Value="True">
                            <Setter Property="BorderBrush" Value="#345DB8" />
                        </Trigger>
                    </ControlTemplate.Triggers>
                </ControlTemplate>
            </Setter.Value>
        </Setter>
    </Style>
</ResourceDictionary>
```
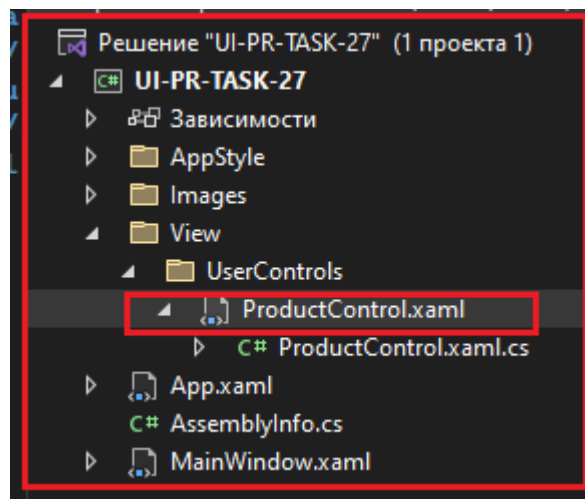
```xml
<UserControl x:Class="UI_PR_TASK_27.View.UserControls.ProductControl"
             xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
             xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
             xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
             xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
             xmlns:materialDesign="http://materialdesigninxaml.net/winfx/xaml/themes"
             mc:Ignorable="d"
             Name="productUC">
    <Grid Background="#345DB8"
          Margin="0 15 0 0"
          HorizontalAlignment="Center">
        <Grid.ColumnDefinitions>
            <ColumnDefinition Width="150"/>
            <ColumnDefinition Width="150"/>
            <ColumnDefinition Width="100"/>
            <ColumnDefinition Width="27"/>
            <ColumnDefinition Width="80"/>
            <ColumnDefinition Width="110"/>
            <ColumnDefinition Width="50"/>
        </Grid.ColumnDefinitions>

        <Ellipse Height="80"
                 Width="80"
                 Margin="15 10 0 10"
                 HorizontalAlignment="Left">
            <Ellipse.Fill>
                <ImageBrush ImageSource="{Binding Path=Source, ElementName=productUC}"/>
            </Ellipse.Fill>
        </Ellipse>

        <TextBlock Grid.Column="1"
                   Text="{Binding Path=Title, ElementName=productUC}"
                   FontWeight="SemiBold"
                   FontSize="16"
                   VerticalAlignment="Center"
                   Foreground="White"/>

        <TextBlock Grid.Column="1"
                   Text="{Binding Path=Ref, ElementName=productUC}"
                   FontSize="11"
                   VerticalAlignment="Center"
                   Margin="0 38 0 0"
                   Foreground="#909090"/>
```

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```xml
            <TextBlock Grid.Column="2"
                       Text="{Binding Path=Color, ElementName=productUC}"
                       FontSize="16"
                       VerticalAlignment="Center"
                       FontWeight="SemiBold"
                       Foreground="White"/>


            <TextBlock Grid.Column="3"
                       Text="{Binding Path=Count, ElementName=productUC}"
                       FontSize="16"
                       VerticalAlignment="Center"
                       FontWeight="SemiBold"
                       Foreground="White"/>


            <StackPanel Grid.Column="4"
                        VerticalAlignment="Center"
                        HorizontalAlignment="Left">
                <Button Style="{StaticResource BtnCounter}">
                    <materialDesign:PackIcon Kind="add"
                                             Foreground="White"/>
                </Button>

                <Button Style="{StaticResource BtnCounter}"
                        Margin="0 5 0 0">
                    <materialDesign:PackIcon Kind="Minus"
                                             Foreground="White"/>
                </Button>
            </StackPanel>

            <TextBlock Grid.Column="5"
                       Text="{Binding Path=Price, ElementName=productUC}"
                       FontSize="16"
                       VerticalAlignment="Center"
                       FontWeight="SemiBold"
                       Foreground="White"/>

            <Button Grid.Column="6"
                    Style="{StaticResource BtnDelete}">
                <materialDesign:PackIcon Kind="Delete"
                                         Style="{StaticResource icon}"/>
            </Button>
        </Grid>
</UserControl>
```
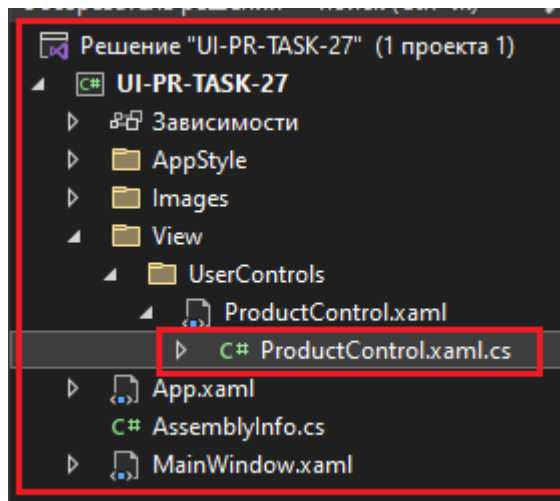
```
Ссылок: 9
public partial class ProductControl : UserControl
{
    Ссылок: 0
    public ProductControl()
    {
        InitializeComponent();
    }

    Ссылок: 0
    public ImageSource Source
    {
        get => (ImageSource)GetValue(SourceProperty);
        set => SetValue(SourceProperty, value);
    }

    public static readonly DependencyProperty SourceProperty = DependencyProperty.Register("Source", typeof(ImageSource), typeof(ProductControl));

    Ссылок: 0
    public string Title
    {
        get => (string)GetValue(TitleProperty);
        set => SetValue(TitleProperty, value);
    }

    public static readonly DependencyProperty TitleProperty = DependencyProperty.Register("Title", typeof(string), typeof(ProductControl));

    Ссылок: 0
    public string Ref
    {
        get => (string)GetValue(RefProperty);
        set => SetValue(RefProperty, value);
    }

    public static readonly DependencyProperty RefProperty = DependencyProperty.Register("Ref", typeof(string), typeof(ProductControl));

    Ссылок: 0
    public string Color
    {
        get => (string)GetValue(ColorProperty);
        set => SetValue(ColorProperty, value);
    }
```
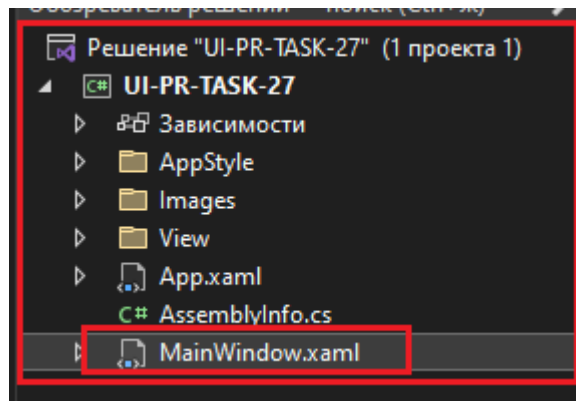
```
    public static readonly DependencyProperty ColorProperty = DependencyProperty.Register("Color", typeof(string), typeof(ProductControl));

    Ссылок: 0
    public string Count
    {
        get => (string)GetValue(CountProperty);
        set => SetValue(CountProperty, value);
    }

    public static readonly DependencyProperty CountProperty = DependencyProperty.Register("Count", typeof(string), typeof(ProductControl));

    Ссылок: 0
    public string Price
    {
        get => (string)GetValue(PriceProperty);
        set => SetValue(PriceProperty, value);
    }

    public static readonly DependencyProperty PriceProperty = DependencyProperty.Register("Price", typeof(string), typeof(ProductControl));
```

```xml
<Window x:Class="UI_PR_TASK_27.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:local="clr-namespace:UI_PR_TASK_27"
        xmlns:materialDesign="http://materialdesigninxaml.net/winfx/xaml/themes"
        xmlns:ucProduct="clr-namespace:UI_PR_TASK_27.View.UserControls"
        mc:Ignorable="d"
        Title="MainWindow"
        Height="700"
        Width="1180"
        WindowStyle="None"
        WindowStartupLocation="CenterScreen"
        ResizeMode="NoResize"
        Background="Transparent"
        AllowsTransparency="True">
    <Grid>
        <Grid.ColumnDefinitions>
            <ColumnDefinition Width="*"/>
            <ColumnDefinition Width="300"/>
        </Grid.ColumnDefinitions>

        <Grid.RowDefinitions>
            <RowDefinition Height="20"/>
            <RowDefinition Height="*"/>
        </Grid.RowDefinitions>

        <StackPanel Orientation="Horizontal"
                    Grid.ColumnSpan="2"
                    Background="#393939"
                    Panel.ZIndex="1"
                    FlowDirection="RightToLeft"
                    MouseDown="StackPanel_MouseDown">

            <Button  Margin="5 0 0 0"
                     Style="{StaticResource BtnClose}"
                     Click="Button_Click">
                <materialDesign:PackIcon Kind="Power"
                                         Width="20"/>
            </Button>

            <Button Margin="5 0 0 0"
                    Style="{StaticResource BtnMinimize}"
                    Click="Button_Click_1">
                <materialDesign:PackIcon Kind="Minimize"
                                         Width="17"/>
            </Button>
        </StackPanel>
```

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```xml
<Grid Grid.Row="1"
      Background="#23379A">
    <Grid.RowDefinitions>
        <RowDefinition Height="Auto"/>
        <RowDefinition Height="*"/>
        <RowDefinition Height="Auto"/>
    </Grid.RowDefinitions>

    <StackPanel Orientation="Horizontal"
                Margin="0 40 0 30">
        <TextBlock Text="ПР27"
                   FontSize="28"
                   FontWeight="SemiBold"
                   FontFamily="Trebuchet MS"
                   VerticalAlignment="Center"
                   Margin="50 0 0 0"
                   Foreground="White"/>
        <Rectangle VerticalAlignment="Stretch"
                   Fill="#808080"
                   Width="0.7"
                   Margin="20 5 20 5"/>
        <TextBlock Text="Практическая работа № 27"
                   FontSize="26"
                   VerticalAlignment="Center"
                   Foreground="White"/>
    </StackPanel>

    <StackPanel Grid.Row="1">
        <ucProduct:ProductControl Source="Images/p1.png"
                                  Title="WOK-лапша с"
                                  Ref="223 ккал"
                                  Color="говядиной"
                                  Count="7"
                                  Price="355 ₽"
                                  Effect="{StaticResource MaterialDesignElevationShadow16}"/>

        <ucProduct:ProductControl Source="Images/p2.png"
                                  Title="WOK-лапша со"
                                  Ref="189 ккал"
                                  Color="свининой"
                                  Count="4"
                                  Price="345 ₽"
                                  Effect="{StaticResource MaterialDesignElevationShadow16}"/>
```

```xml
        <ucProduct:ProductControl Source="Images/p3.png"
                                  Title="WOK-лапша с"
                                  Ref="150 ккал"
                                  Color="овощами"
                                  Count="2"
                                  Price="275 ₽"
                                  Effect="{StaticResource MaterialDesignElevationShadow16}"/>

        <ucProduct:ProductControl Source="Images/p4.png"
                                  Title="WOK-лапша с"
                                  Ref="190 ккал"
                                  Color="курицей"
                                  Count="10"
                                  Price="335 ₽"
                                  Effect="{StaticResource MaterialDesignElevationShadow16}"/>

    </StackPanel>

    <Grid Grid.Row="2"
              Margin="80 40 150 40">
        <Button Style="{StaticResource BtnBack}">
            <StackPanel Orientation="Horizontal">
                <materialDesign:PackIcon Kind="ArrowLeft"
                                         Width="20"
                                         Margin="0 3 0 0"
                                         Foreground=■"White"/>
                <TextBlock Text="Назад к меню"
                           VerticalAlignment="Center"
                           Margin="15 0 0 0"
                           Foreground=■"White"/>
            </StackPanel>
        </Button>

        <StackPanel Orientation="Horizontal"
                    HorizontalAlignment="Right"
                    VerticalAlignment="Center">
            <TextBlock Text="Итого: "
                       FontSize="16"
                       Foreground=■"White"/>
            <TextBlock Text="7845 ₽"
                       FontSize="16"
                       Margin="30 0 5 0"
                       Foreground=■"White"/>
        </StackPanel>
    </Grid>
</Grid>
```

```xml
<Grid Grid.Column="1"
      Grid.Row="1"
      Background=□"#393939">

    <Grid.Effect>
        <DropShadowEffect ShadowDepth="10"
                          BlurRadius="50"/>
    </Grid.Effect>

    <Border HorizontalAlignment="Left"
            VerticalAlignment="Top"
            Width="30"
            Height="130"
            Margin="-30 50 0 0"
            Background=□"#393939"
            CornerRadius="10 0 0 10"
            Padding="10 20 5 20">
        <Grid>
            <Grid.RowDefinitions>
                <RowDefinition Height="*"/>
                <RowDefinition Height="*"/>
                <RowDefinition Height="*"/>
            </Grid.RowDefinitions>

            <Ellipse Width="8" Height="8" Fill=■"#345DB8" Grid.Row="0"/>
            <Ellipse Width="8" Height="8" Fill=■"White" Grid.Row="1"/>
            <Ellipse Width="8" Height="8" Fill=■"#345DB8" Grid.Row="2"/>
        </Grid>
    </Border>

    <StackPanel VerticalAlignment="Top"
                Margin="50 10 50 0">
        <TextBlock Text="Оплата"
                   FontSize="24"
                   FontWeight="SemiBold"
                   Margin="0 0 0 70"
                   Foreground=■"#345DB8"/>
        <TextBlock Text="Выберите карту"
                   Style="{StaticResource titleText}"/>

        <Grid Margin="0 15 0 30">
            <Grid.ColumnDefinitions>
                <ColumnDefinition Width="*"/>
                <ColumnDefinition Width="*"/>
                <ColumnDefinition Width="*"/>
            </Grid.ColumnDefinitions>
```

```xml
                    <materialDesign:PackIcon Kind="Payment"
                                             Grid.Column="0"
                                             HorizontalAlignment="Left"
                                             Width="25"
                                             Style="{StaticResource icon}"/>

                    <materialDesign:PackIcon Kind="Payment"
                                             Grid.Column="1"
                                             HorizontalAlignment="Center"
                                             Width="25"
                                             Style="{StaticResource icon}"/>

                    <materialDesign:PackIcon Kind="Payment"
                                             Grid.Column="2"
                                             HorizontalAlignment="Right"
                                             Width="25"
                                             Style="{StaticResource icon}"/>
                </Grid>

                <TextBlock Text="Номер карты"
                           Style="{StaticResource titleText}"/>
                <TextBox Margin="0 5 0 30"/>

                <Grid>
                    <Grid.ColumnDefinitions>
                        <ColumnDefinition Width="*"/>
                        <ColumnDefinition Width="Auto"/>
                    </Grid.ColumnDefinitions>

                    <StackPanel Grid.Column="0">
                        <TextBlock Text="Срок действия"
                                   Style="{StaticResource titleText}"/>
                        <TextBox Margin="0 5 0 0"/>
                    </StackPanel>

                    <StackPanel Grid.Column="1"
                                Margin=" 10 0 0 0"
                                Width="50">
                        <TextBlock Text="CVV"
                                   Style="{StaticResource titleText}"/>
                        <TextBox Margin="0 5 0 0"/>
                    </StackPanel>
                </Grid>
            </StackPanel>

            <Button Content="Проверить"
                    Style="{StaticResource BtnCheckout}"/>
        </Grid>
    </Grid>
</Window>
```