# MainWindow.Xaml

<Window x:Class="WpfApplication2.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:my="clr-namespace:WpfApplication2"

Title="MainWindow" Height="350" Width="525">

<StackPanel>

<ToolBar Height="32">

<!-- Resources to manage the Popup Button -->

<ToolBar.Resources>

<Style TargetType="{x:Type Popup}">

<Setter Property="StaysOpen" Value="False" />

<EventSetter Event="Button.Click" Handler="popup\_Click" />

</Style>

<Style TargetType="{x:Type Border}">

<Setter Property="Background" Value="{StaticResource {x:Static SystemColors.MenuBrushKey}}" />

<Setter Property="BorderThickness" Value="1" />

<Setter Property="Padding" Value="2" />

</Style>

<Style TargetType="{x:Type Button}" BasedOn="{StaticResource {x:Static ToolBar.ButtonStyleKey}}">

<Setter Property="HorizontalAlignment" Value="Stretch" />

<Setter Property="HorizontalContentAlignment" Value="Left" />

</Style>

</ToolBar.Resources>

<!-- Save Button -->

<Button ToolTip="Save your project">

<StackPanel Orientation="Horizontal">

<Image Source="Save.png" />

<TextBlock Margin="2" VerticalAlignment="Center">Save</TextBlock>

</StackPanel>

</Button>

<Separator />

<!-- Print Toggle Button -->

<ToggleButton Name="btnPrint" Click="btnPrint\_Click" ToolTip="Print your documents">

<StackPanel Orientation="Horizontal">

<Image Source="Print.png" />

<TextBlock Margin="2" VerticalAlignment="Center">Print</TextBlock>

</StackPanel>

</ToggleButton>

<!-- Print Toggle Button Popup -->

<Popup x:Name="popupPrint" PlacementTarget="{Binding ElementName=btnPrint}">

<Border>

<StackPanel>

<!-- Print to local -->

<Button ToolTip="Print your documents to a local printer">

<StackPanel Orientation="Horizontal">

<Image Source="Print.png" />

<TextBlock Margin="2" VerticalAlignment="Center">Print to local</TextBlock>

</StackPanel>

</Button>

<!-- Print to network -->

<Button ToolTip="Print your documents to a network printer">

<StackPanel Orientation="Horizontal">

<Image Source="Print.png" />

<TextBlock Margin="2" VerticalAlignment="Center">Print to network</TextBlock>

</StackPanel>

</Button>

</StackPanel>

</Border>

</Popup>

<Separator />

<!-- Text Search -->

<TextBlock VerticalAlignment="Center">Search: </TextBlock>

<TextBox ToolTip="Search a keyword in your documents" Width="150" />

</ToolBar>

</StackPanel>

</Window>

# MainWindow.Xaml.cs

using System;

using System.Collections.Generic;

using System.Linq;

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 WpfApplication2

{

/// <summary>

/// Interaction logic for MainWindow.xaml

/// </summary>

public partial class MainWindow : Window

{

public MainWindow()

{

InitializeComponent();

}

/// <summary>

/// Open the popup

/// </summary>

/// <param name="sender"></param>

/// <param name="e"></param>

private void btnPrint\_Click(object sender, RoutedEventArgs e)

{

popupPrint.IsOpen = true;

popupPrint.Closed += (senderClosed, eClosed) =>

{

btnPrint.IsChecked = false;

};

}

/// <summary>

/// Catch the event raised when a user click on a Popup Button

/// </summary>

/// <param name="sender"></param>

/// <param name="e"></param>

private void popup\_Click(object sender, RoutedEventArgs e)

{

System.Windows.Controls.Primitives.Popup popup = sender as System.Windows.Controls.Primitives.Popup;

if (popup != null)

popup.IsOpen = false;

}

}

}