**WPF**

**Consuming Resources Lab – Module 6**

**In this lab you will create a simple Resource Dictionary and apply it dynamically to your app.**

1. Open a new WPF application.
2. Add a new Resource Dictionary file and Name it as you wish.
3. In the Resources file create two Complex brushes :

You can take those if it found complex four you.

<LinearGradientBrush EndPoint="0,1" StartPoint="0,0" x:Key="BlueBrush">

<GradientStop Color="Gray" Offset="0.023"/>

<GradientStop Color="LightBlue" Offset="0.356"/>

<GradientStop Color="Blue" Offset="0.954"/>

<GradientStop Color="#FF3C5EA8" Offset="0.762"/>

</LinearGradientBrush>

<LinearGradientBrush EndPoint="0,1" StartPoint="0,0" x:Key="DarkBrush">

<GradientStop Color="Black" Offset="0.0"/>

<GradientStop Color="DarkGray" Offset="0.4"/>

<GradientStop Color="RosyBrown" Offset="0.7"/>

<GradientStop Color="Black" Offset="0.9"/>

</LinearGradientBrush>

1. Create 3 style sections ,

On as blue, one as Dark and One as a Proxy (details asap)

<Style TargetType="Button" x:Key="BlueButton">

<Setter Property="Width" Value="100"/>

<Setter Property="Height" Value="70" />

<Setter Property="Background" Value="{StaticResource BlueBrush}" />

<Setter Property="Foreground" Value="Black" />

<Setter Property="FontSize" Value="16" />

</Style>

<Style TargetType="Button" x:Key="DarkButton">

<Setter Property="Width" Value="100"/>

<Setter Property="Height" Value="70" />

<Setter Property="Background" Value="{StaticResource DarkBrush}" />

<Setter Property="Foreground" Value="White" />

<Setter Property="FontSize" Value="16" />

</Style>

<Style TargetType="Button" x:Key="AppStyle" >

</Style>

1. Connect your Resources file to application via App.Xaml:

<Application.Resources>

<ResourceDictionary>

<ResourceDictionary.MergedDictionaries>

<ResourceDictionary Source="MyDictionary.xaml" />

</ResourceDictionary.MergedDictionaries>

</ResourceDictionary>

</Application.Resources>

1. In your MainWindow.MainPanel, add a Menu Control like this:

<Menu IsMainMenu="True">

<Menu.Items >

<MenuItem Header="Colors">

<MenuItem x:Name="darkItem" Click="darkItem\_Click" Header="Dark Theme"/>

<MenuItem x:Name="blueItem" Click="blueItem\_Click" Header="Blue Theme"/>

</MenuItem>

</Menu.Items>

</Menu>

1. Now to the main Dish: you need to replace the Proxy style named AppStyle with real style, one of the (Blue, Dark).
2. If you cannot figure it out , try this code:

ResourceDictionary dictionary =

App.Current.Resources.MergedDictionaries[0];

dictionary["AppStyle"] = dictionary["BlueButton"];