Windows 10 UWP – Hands on Lab

Lab 3:

Note: The demo app created for this lab uses Visual Studio 2015 with the latest Windows Tools SDK version 10240. To help with our coding efforts with the boiler code and page navigation we use a UWP app extension called Template 10.

1. Open the \ViewModels\ DetailPageViewModel.cs file and add the following lines of code to line 68. Not much code here to add because our recipe service is actually do all the data management for us.

```csharp
public void SaveBBQRecipe()
{

    App.RecipeService.Save(recipe);
    ShowMessage("Record has been saved", false);
}

public void DeleteBBQRecipe()
{

    if (!String.IsNullOrEmpty(recipe.Id))
    {
        App.RecipeService.Remove(recipe.Id);
        ShowMessage("Record has been deleted", true);

    }

}
```

2. Open the \Views\ DetailPage.xaml file and add the following lines of Xaml code to line 66. This StackPanel will be placed with the DetailsStackPanel.

```xml
<StackPanel Margin="0,0,20,10" Orientation="Horizontal" Padding="10" HorizontalAlignment="Center" x:Name="ButtonPanel">
                    <Button  Margin="10" x:Name="ButtonSave" Content="Save" FontSize="32"  Click="{x:Bind ViewModel.SaveBBQRecipe}">
                        <Button.Background>
                            <LinearGradientBrush EndPoint="0.5,1" StartPoint="0.5,0">
                                <GradientStop Color="#FF6ACD18" Offset="0.171"/>
                                <GradientStop Color="#FF0A0A0A"/>
                                <GradientStop Color="#FF0A0A0A" Offset="0.98"/>
                                <GradientStop Color="#FF6ACD18" Offset="0.949"/>
                            </LinearGradientBrush>
                        </Button.Background>
                    </Button>
                    <Button Margin="10" x:Name="ButtonDelete" Content="Delete" FontSize="32" Click="{x:Bind ViewModel.DeleteBBQRecipe}">
                        <Button.Background>
                            <LinearGradientBrush EndPoint="0.5,1" StartPoint="0.5,0">
                                <GradientStop Color="#FFCD1D18" Offset="0.171"/>
                                <GradientStop Color="#FF0A0A0A"/>
                                <GradientStop Color="#FF0A0A0A" Offset="0.98"/>
                                <GradientStop Color="#FFCD1D18" Offset="0.949"/>
                            </LinearGradientBrush>
                        </Button.Background>
                    </Button>
                </StackPanel>
```

```xml
47                        <TextBlock Text="Prep Time" FontSize="14"/>
48                        <TextBox Text="{Binding PrepTime, Mode=TwoWay}"/>
49                    </StackPanel>
50                    <StackPanel Margin="0,0,20,10">
51                        <TextBlock Text="Total Time" FontSize="14"/>
52                        <TextBox Text="{Binding TotalTime, Mode=TwoWay}"/>
53                    </StackPanel>
54                    <StackPanel Margin="0,0,20,10">
55                        <TextBlock Text="Serves" FontSize="14"/>
56                        <TextBox Text="{Binding Serves, Mode=TwoWay}"/>
57                    </StackPanel>
58                    <StackPanel Margin="0,0,20,10">
59                        <TextBlock Text="Ingredients" FontSize="14"/>
60                        <TextBox Text="{Binding Ingredients, Mode=TwoWay}"/>
61                    </StackPanel>
62                    <StackPanel Margin="0,0,20,10">
63                        <TextBlock Text="Directions" FontSize="14"/>
64                        <TextBox Text="{Binding Directions, Mode=TwoWay}" Height="150" TextWrapping="Wrap"/>
65                    </StackPanel>
66                    <StackPanel Margin="0,0,20,10" Orientation="Horizontal" Padding="10" HorizontalAlignment="Center" x:Name="ButtonPanel">
67                        <Button  Margin="10" x:Name="ButtonSave" Content="Save" FontSize="32"  Click="{x:Bind ViewModel.SaveBBQRecipe}">
68                            <Button.Background>
69                                <LinearGradientBrush EndPoint="0.5,1" StartPoint="0.5,0">
70                                    <GradientStop Color="#FF6ACD18" Offset="0.171"/>
71                                    <GradientStop Color="#FF0A0A0A"/>
72                                    <GradientStop Color="#FF0A0A0A" Offset="0.98"/>
73                                    <GradientStop Color="#FF6ACD18" Offset="0.949"/>
74                                </LinearGradientBrush>
75                            </Button.Background>
76                        </Button>
77                        <Button Margin="10" x:Name="ButtonDelete" Content="Delete" FontSize="32" Click="{x:Bind ViewModel.DeleteBBQRecipe}">
78                            <Button.Background>
79                                <LinearGradientBrush EndPoint="0.5,1" StartPoint="0.5,0">
80                                    <GradientStop Color="#FFCD1D18" Offset="0.171"/>
81                                    <GradientStop Color="#FF0A0A0A"/>
82                                    <GradientStop Color="#FF0A0A0A" Offset="0.98"/>
83                                    <GradientStop Color="#FFCD1D18" Offset="0.949"/>
84                                </LinearGradientBrush>
85                            </Button.Background>
86                        </Button>
87                    </StackPanel>
88                </StackPanel>
89            </StackPanel>
```

3. We need add a minor tweak to the DetailPage's UI in order to see the buttons from step 2. For this step we
    need to wrap the BBQRecipeGridView contents insider a ScrollViewer Xaml control. To help with this work we
    need to collapse the StackPanel contents that we just added in step 2. Next we will wrap the StackPanel control
    within a ScrollViewer control.

```xml
16
17        <Grid Background="{ThemeResource ApplicationPageBackgroundThemeBrush}">
18
19            <Grid.RowDefinitions>
20                <RowDefinition Height="Auto" />
21                <RowDefinition />
22            </Grid.RowDefinitions>
23
24            <!-- header -->
25            <controls:PageHeader Frame="{x:Bind Frame}" Text="Detail Page">
26                <Interactivity:Interaction.Behaviors>
27                    <Behaviors:EllipsisBehavior Visibility="Auto" />
28                </Interactivity:Interaction.Behaviors>
29            </controls:PageHeader>
30
31            <!-- content -->
32            <Grid Grid.Row="1" x:Name="BBQRecipeGridView" Grid.RowSpan="2" DataContext="{Binding Recipe}">
33                <ScrollViewer>
34                    <StackPanel>
35                        <StackPanel x:Name="ImageStackPanel"  Orientation="Vertical"...>
38                        <StackPanel x:Name="DetailstackPanel" Orientation="Vertical" Height="909"...>
90                    </StackPanel>
91                </ScrollViewer>
92            </Grid>
93        </Grid>
94    </Page>
95
96    |
```

112 %