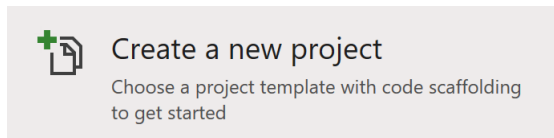# Universal Windows Platform – Navigation View

Navigation View shows how to use the **NavigationView** Control to create hamburger-style navigation

Step 1

Follow **Setup and Start** on how to Install and/or Get Started with **Visual Studio 2019** if not already or in **Windows 10** choose **Start**, find and select **Visual Studio 2019** then from the **Get started** screen select **Create a new project**

Then choose **Blank App (Universal Windows)** and select **Next** and then in **Configure your new project** enter the **Project name** as **NavigationView** and select **Create**
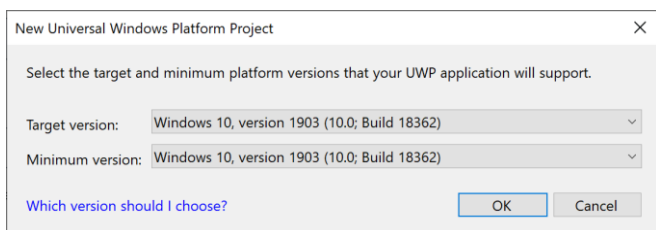
Finally, in **New Universal Windows Platform Project** pick the **Target version** and **Minimum version** to be at least **Windows 10, version 1903 (10.0; Build 18362)** and then select **OK**
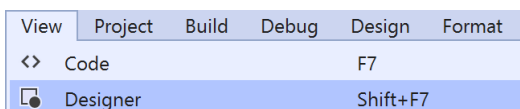
Target Version will control the most recent features of Windows 10 your application can use. To make sure you always have the most recent version, check for any Notifications or Updates in Visual Studio 2019

Step 2
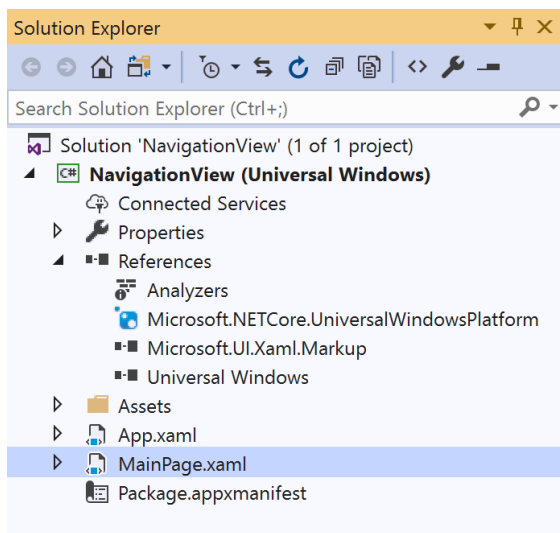
In the **Solution Explorer** of **Visual Studio 2019** select **MainPage.xaml**

Step 3

Choose **View** then **Designer** from the **Menu** in **Visual Studio 2019**

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Universal Windows Platform – Navigation View

Step 4

In the **Design** View and **XAML** View of **Visual Studio 2019** will be displayed, and in this between the **Grid** and **/Grid** elements enter the following **XAML**:

```xml
<NavigationView Name="Navigation" IsSettingsVisible="False">
    <NavigationView.MenuItems>
        <NavigationViewItem Content="Toggle" Tapped="Toggle_Tapped">
            <NavigationViewItem.Icon>
                <SymbolIcon Symbol="Accept"/>
            </NavigationViewItem.Icon>
        </NavigationViewItem>
    </NavigationView.MenuItems>
</NavigationView>
```

NavigationView is used to display a hamburger-style menu and contains MenuItems with a NavigationViewItem that can be used to toggle the visibility of the menu, this can also be done with the "hamburger" button near the top of the control

Step 5
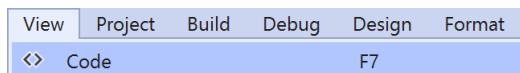
Choose **View** then **Code** from the **Menu** in **Visual Studio 2019**

Step 6

Once in the **Code** View, below the end of `public MainPage() { ... }` the following Code should be entered:

```csharp
private void Toggle_Tapped(object sender, TappedRoutedEventArgs e)
{
    Navigation.IsPaneOpen = !Navigation.IsPaneOpen;
}
```

`Toggle_Tapped` is an event handler that will toggle the `IsPaneOpen` value of the `NavigationView`

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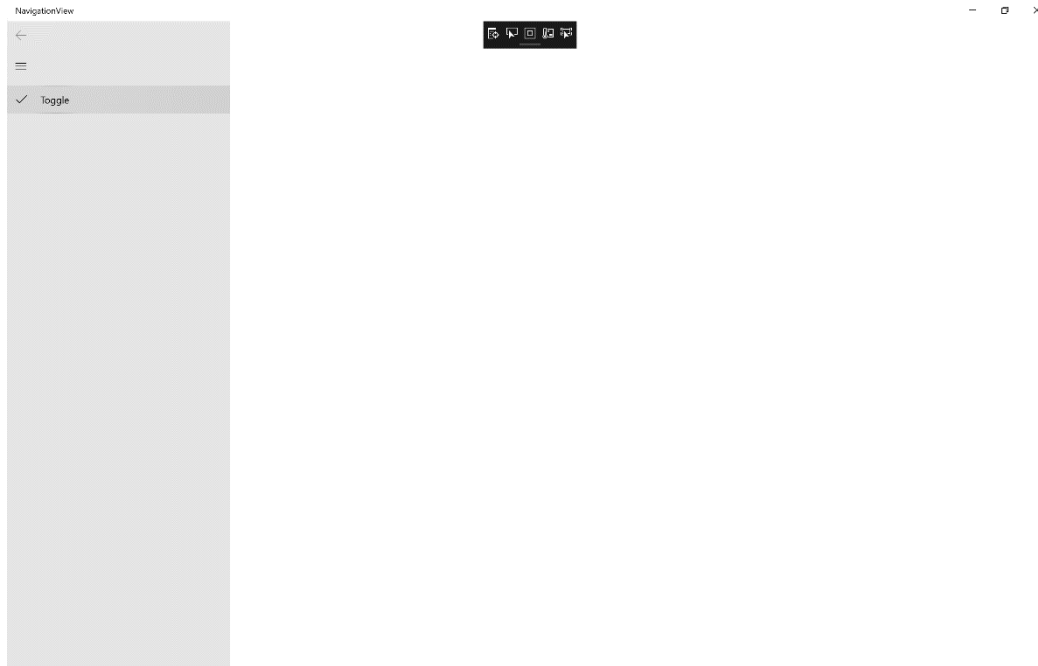# Universal Windows Platform – Navigation View

Step 7
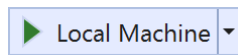
That completes the **Universal Windows Platform** Application, in **Visual Studio 2019** select **Local Machine** to run the Application

Step 8

Once the Application is running it will display the **NavigationView**, you can use **Toggle** to show or hide the navigation pane

Step 9

To Exit the Application, select the **Close** button in the top right of the Application

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