UI Architecture

The UI code is distributed between two projects: `PowerToys.Settings` and `Settings.UI` .
`PowerToys.Settings` is a WPF .net core application. It contains the parent display window and corresponding code is present in `MainWindow.xaml.` `Settings.UI` is UWP applications and contains views for base navigation and modules. Fig 1 provides a description of the UI controls hierarchy and each of the controls have been summarized below :

- `MainWindow.xaml` is the parent WPF control.
- `WindowsXamlHost` control is used to host UWP control to `MainWindow.xaml` parent control.
- `ShellPage.xaml` is a UWP control, consisting of a side navigation panel with an icon for each module. Clicking on a module icon loads the corresponding `setting.json` file and displays the data in the UI.

Settings UI architecture **Fig 1: UI Architecture for settingsv2**