# Navigation Example

This project will demonstrate how the Navigation Stack works. Create a new project called NavigationTest

In the MainPage XAML, create two buttons labeled “New Page” and “New Page Modal” with names of btnNew and btnModal. In the code behind for the main page class, link the buttons to the events:

var btn = this.FindByName<Button>("btnNew");

btn.Clicked += (sender, e) => { Navigation.PushAsync(new OurPage()); };

var btn2 = this.FindByName<Button>("btnModal");

btn2.Clicked += (sender, e) => { Navigation.PushModalAsync(new OurPage()); };

Add a new item, Content Page, called OurPage.xaml to the shared project.

* In the XAML, create 5 buttons, one for a new page, one for a modal, one to pop, one to pop modal, and one to go to root.

<Label Text="Move to a different page:" />

<Button Text="New Page" x:Name="btnNew" />

<Button Text="New Modal Page" x:Name="btnModal" />

<Button Text="Close Page" x:Name="btnPop" />

<Button Text="Close Modal Page" x:Name="btnPopModal" />

<Button Text="Go to Root" x:Name="btnRoot" />

* In the code behind for the OurPage constructor, link the buttons to the events:

var btn = this.FindByName<Button>("btnNew");

btn.Clicked += (sender, e) => { Navigation.PushAsync(new OurPage()); };

var btn2 = this.FindByName<Button>("btnModal");

btn2.Clicked += (sender, e) => { Navigation.PushModalAsync(new OurPage()); };

var btn3 = this.FindByName<Button>("btnPop");

btn3.Clicked += (sender, e) => { Navigation.PopAsync(); };

var btn4 = this.FindByName<Button>("btnPopModal");

btn4.Clicked += (sender, e) => { Navigation.PopModalAsync(); };

var btn5 = this.FindByName<Button>("btnRoot");

btn5.Clicked += (sender, e) => { Navigation.PopToRootAsync(); };

* Create a static integer called count for the OurPage class that starts at 1. After initialize component set the Title property to “Page ” + count++;

When running, click the button and notice exception. We need to wrap in a Navigation Page object to create the Root page. This is done in the App class’ constructor:

MainPage = new NavigationPage( new MainPage());

Play around with the project, note what crashes (mixing modal and non modal).

Add a toolbar item that goes back to root (just to demonstrate the toolbar button) (in app class):

ToolbarItem tb = new ToolbarItem { Text="Root"};

tb.Clicked += (sender, e) => { MainPage.Navigation.PopToRootAsync(); };

MainPage.ToolbarItems.Add(tb);