

GeeCoeur



<https://github.com/DenisSkygate/Xamarin-i3/>

- **GeeCoeur**
 - **GeeCoeur** (solution)
 - **GeeCoeur.Droid** (PCL)
 - **GeeCoeur.iOS** (Android)
 - **GeeCoeur.UWP** (iPhone/iPad)
 - **GeeCoeur.UWP** (Windows 10 app)

GeeCoeur (PCL) App.xaml.cs

```
using Xamarin.Forms;

namespace GeeCoeur
{
    public partial class App : Application
    {
        public App()
        {
            InitializeComponent();

            MainPage = new NavigationPage (new GeeCoeurPage());
        }

        protected override void OnStart()
        {
            // Handle when your app starts
        }

        protected override void OnSleep()
        {
            // Handle when your app sleeps
        }

        protected override void OnResume()
        {
            // Handle when your app resumes
        }
    }
}
```

**Définit la page principale en tant que
NavigationPage de type GeeCoeurPage**

```

using System;
using System.Collections.Generic;

using Xamarin.Forms;

namespace GeeCoeur
{
    public partial class GeeCoeurPage : ContentPage
    {
        public GeeCoeurPage()
        {
            InitializeComponent();
            if (!Logged)
                LaunchLogin();
        }

        private void LaunchLogin()
        {
            Navigation.PushModalAsync(new AccountCreationPage());
        }

        static bool Logged = false;
    }
}

```

Dans le constructeur :
après avoir initialisé la page, nous
vérifions si l'utilisateur est connecté.

Si ce n'est pas le cas, on lance la page
AccountCreationPage

AccountCreationPage.xaml

```
<?xml version="1.0" encoding="UTF-8"?>
<TabbedPage xmlns="http://xamarin.com/schemas/2014/forms" xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
x:Class="GeeCoeur.AccountCreationPage">
    <TabbedPage.Content>
    </TabbedPage.Content>
</TabbedPage>
```

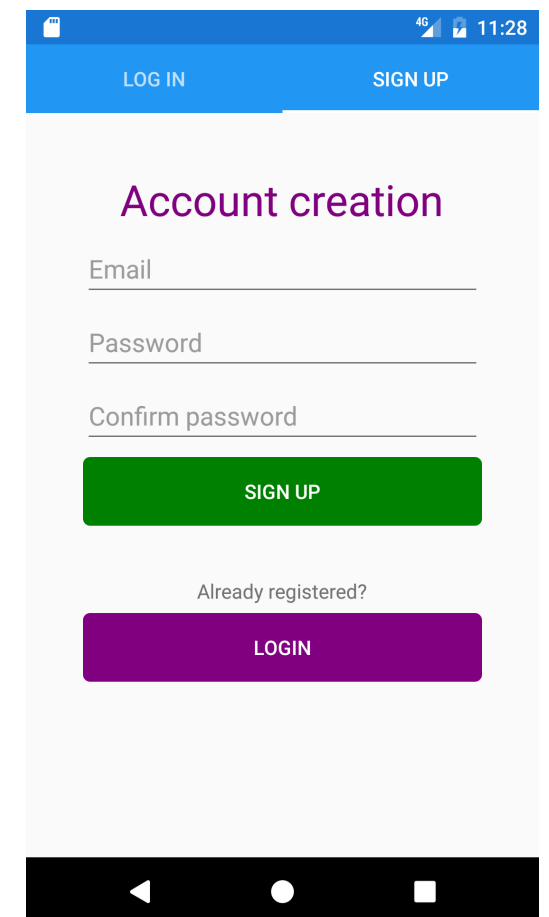
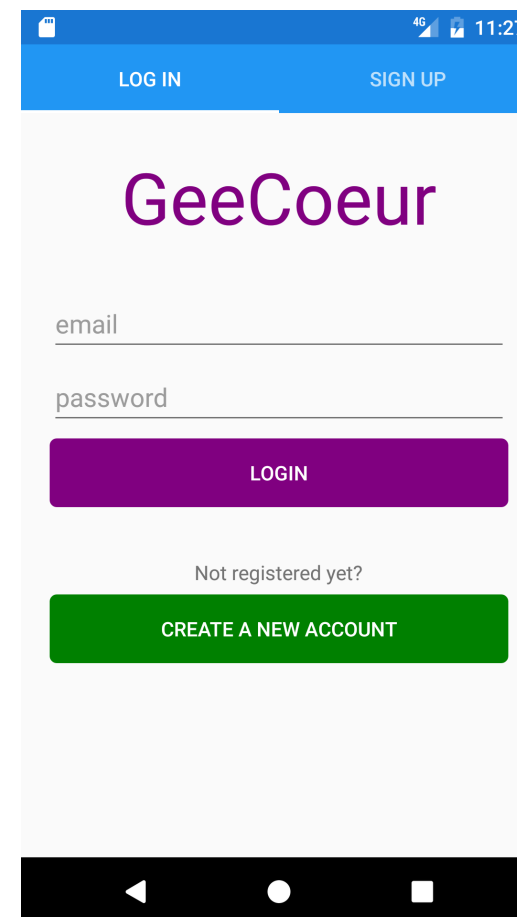
AccountCreationPage.xaml.cs

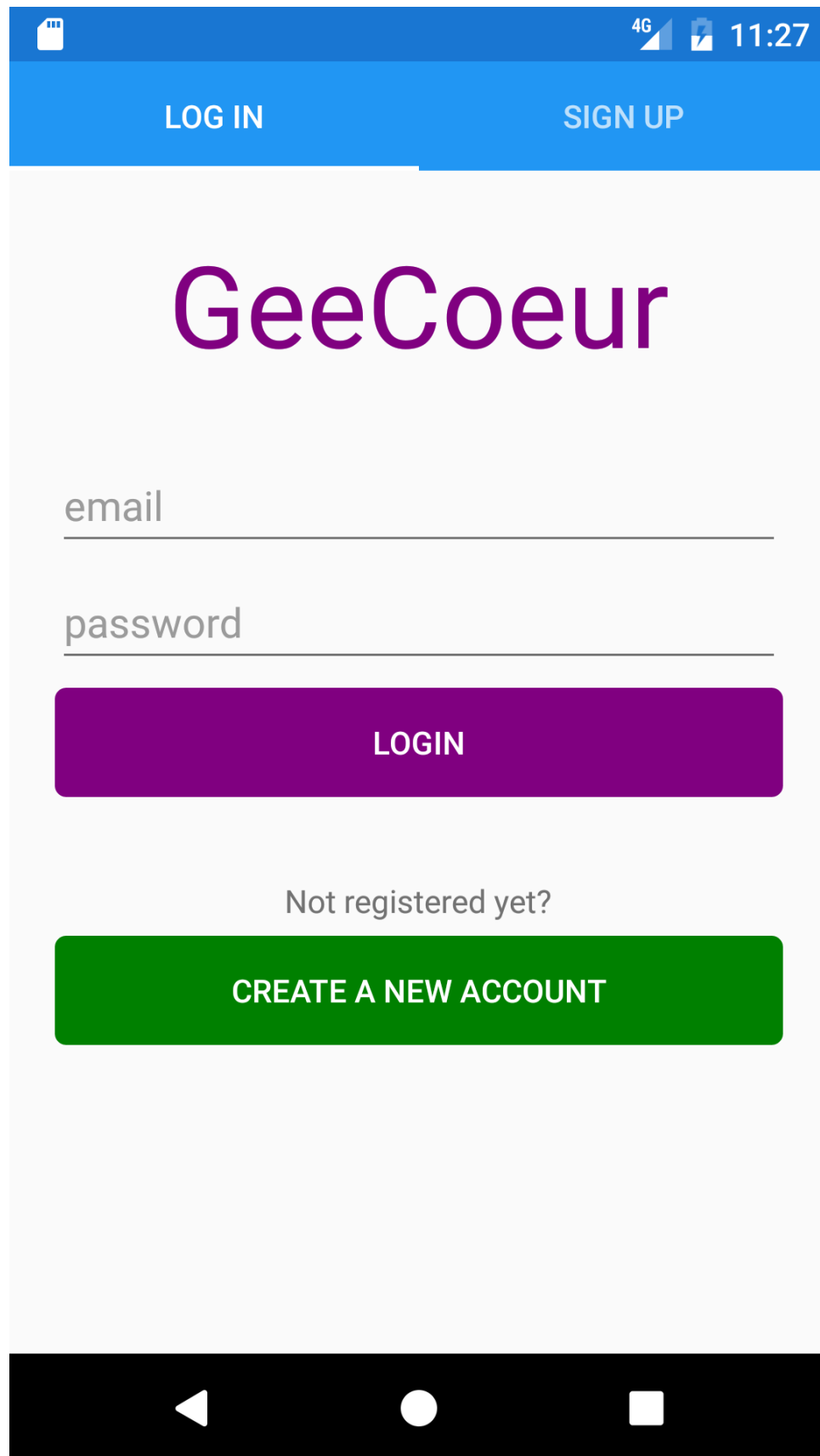
```
using System;
using System.Collections.Generic;

using Xamarin.Forms;

namespace GeeCoeur
{
    public partial class AccountCreationPage : TabbedPage
    {
        public AccountCreationPage()
        {
            InitializeComponent();
            NavigationPage.SetHasNavigationBar(this, false);
            Children.Add(new LoginPage() { Title = "Log in" });
            Children.Add(new SignupPage() { Title = "Sign up" });
        }
    }
}
```

TabbedPage contenant deux autres pages, LoginPage et SignupPage





```
<?xml version="1.0" encoding="UTF-8"?>
<ContentPage xmlns="http://xamarin.com/schemas/2014/forms"
  xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
  x:Class="GeeCoeur.LoginPage">
  <ContentPage.Content>

    <Grid>

      <Grid.RowDefinitions>
        <RowDefinition Height="0.3*"/>
        <RowDefinition/>
      </Grid.RowDefinitions>

      <Label Text="GeeCoeur"
        FontSize="50"
        VerticalOptions="Center"
        HorizontalOptions="Center"
        TextColor="Purple"
        Grid.Row="0"/>

      <StackLayout Grid.Row="1"
        Margin="20,0,20,0">

        <Entry Placeholder="email"/>

        <Entry Placeholder="password"
          IsPassword="true"/>

        <Button Text="Login"
          TextColor="White"
          Clicked="Login_Clicked"
          BackgroundColor="Purple"/>

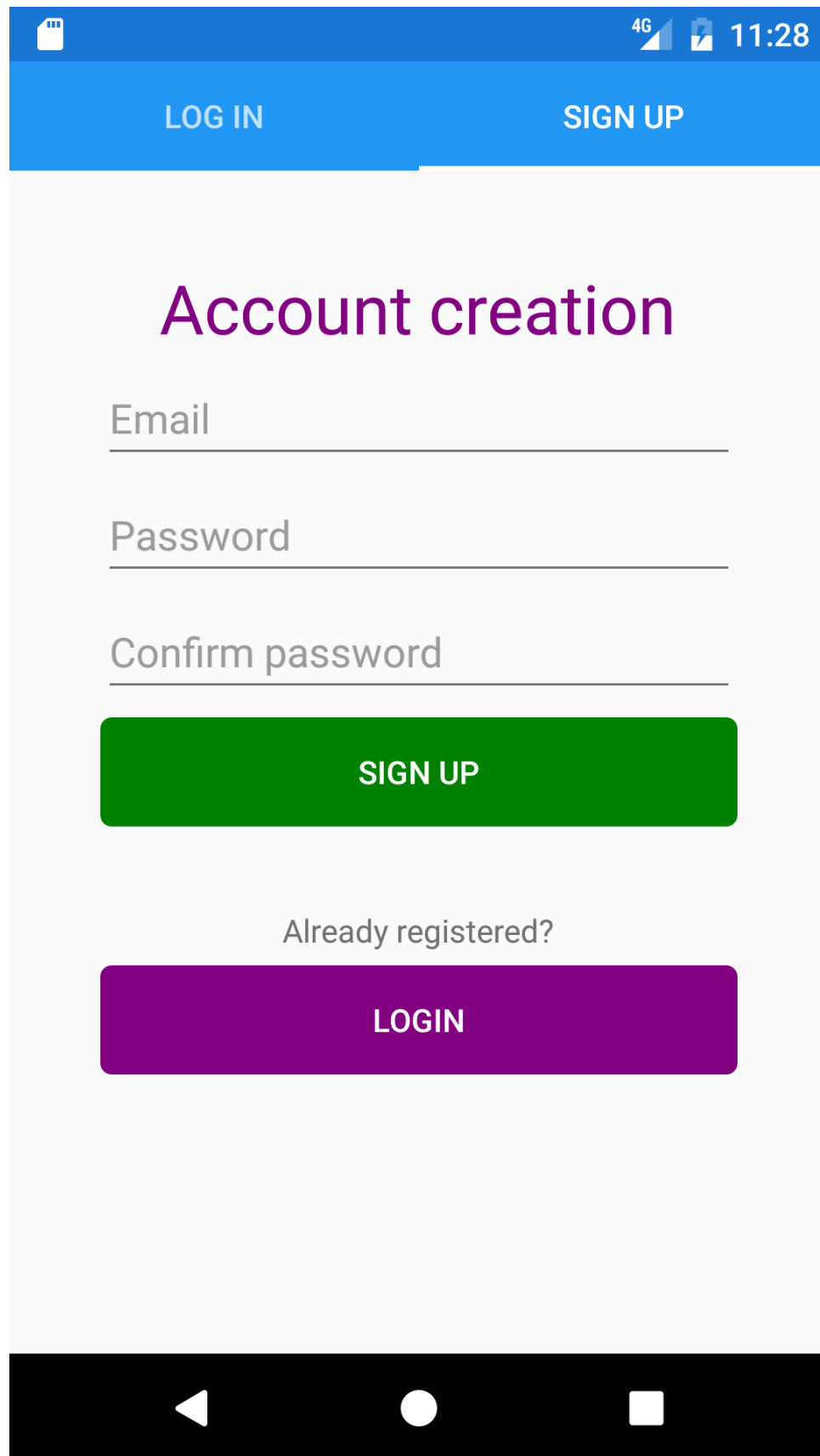
        <Label Margin="0,30,0,0"
          Text="Not registered yet?"
          HorizontalOptions="Center"/>

        <Button Text="Create a new account"
          Clicked="Signup_Clicked"
          BackgroundColor="Green"
          TextColor="White"/>

      </StackLayout>

    </Grid>

  </ContentPage.Content>
</ContentPage>
```



```
<?xml version="1.0" encoding="UTF-8"?>
<ContentPage
  xmlns="http://xamarin.com/schemas/2014/forms"
  xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
  x:Class="GeeCoeur.SignupPage">

  <ContentPage.Content>

    <StackLayout Margin="40">
      <Label Text="Account creation"
        FontSize="30"
        TextColor="Purple"
        HorizontalOptions="Center"
        />

      <Entry Placeholder="Email"/>

      <Entry IsPassword="true" Placeholder="Password"/>

      <Entry IsPassword="true" Placeholder="Confirm password"/>

      <Button Text="Sign up"
        Clicked="Signup_Clicked"
        BackgroundColor="Green"
        TextColor="White"/>

      <Label Margin="0,30,0,0"
        Text="Already registered?"

        HorizontalOptions="Center"/>

      <Button Text="Login"
        Clicked="Login_Clicked"
        BackgroundColor="Purple"
        TextColor="White"
        />

    </StackLayout>

  </ContentPage.Content>
</ContentPage>
```

LoginPage.xaml.cs

```
using System;
using System.Collections.Generic;

using Xamarin.Forms;

namespace GeeCoeur
{
    public partial class LoginPage : ContentPage
    {
        public LoginPage()
        {
            InitializeComponent();
            NavigationPage.SetHasNavigationBar(this, false);
        }

        async void Login_Clicked(object sender, System.EventArgs e)
        {
            await Navigation.PopModalAsync();
        }

        void Signup_Clicked(object sender, System.EventArgs e)
        {
            var parent = this.Parent as TabbedPage;
            parent.CurrentPage = parent.Children[1];
        }
    }
}
```

On enlève la barre de navigation

Au clic sur bouton Login, on revient sur la page GeeCoeurPage

Au clic sur bouton Create New Account, on switch vers la Tab [1] de la page parent AccountCreationPage => SignupPage

LoginPage.xaml.cs

```
using System;
using System.Collections.Generic;

using Xamarin.Forms;

namespace GeeCoeur
{
    public partial class SignupPage : ContentPage
    {
        public SignupPage()
        {
            InitializeComponent();
            NavigationPage.SetHasNavigationBar(this, false);
        }

        void Login_Clicked(object sender, System.EventArgs e)
        {
            var parent = this.Parent as TabbedPage;
            parent.CurrentPage = parent.Children[0];
        }

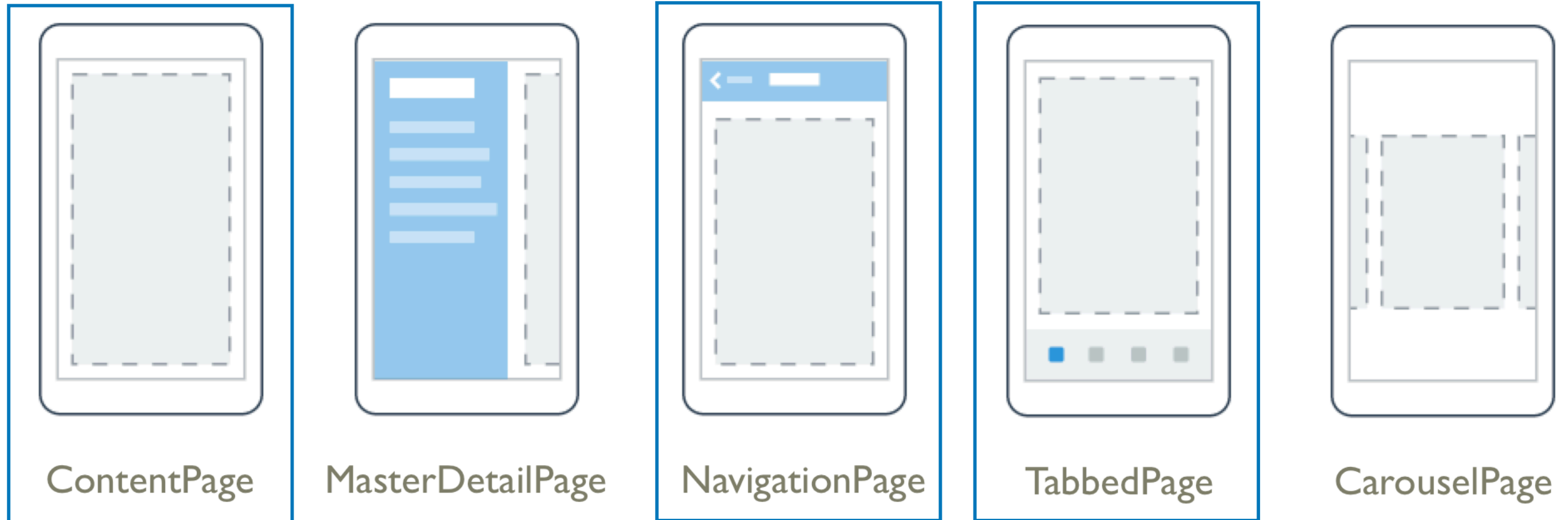
        async void Signup_Clicked(object sender, System.EventArgs e)
        {
            await Navigation.PopModalAsync();
        }
    }
}
```

On enlève la barre de navigation

Au clic sur bouton Sign up, on revient sur la page GeeCoeurPage

Au clic sur bouton Create New Account, on switch vers la Tab [0] de la page parent AccountCreationPage => LoginPage

Types de navigations possibles dans Xamarin.Forms (et dans les apps mobiles en général)



ContentPage : **LoginPage, SignupPage**

NavigationPage : **GeeCoeurPage**

TabbedPage : **AccountCreationPage**