XAML Navigation Lab - MAUI

Perform these labs on your own computer using Visual Studio 2022 or later to ensure you understand the lessons presented in the corresponding videos and lectures.

Lab 1: Create a Tab Bar Navigation

Open the **MainPage.xaml** file and set the **Title** to **XAML Basics**.

Replace all the XAML within the <ContentPage> with the following.

```
<Label VerticalOptions="Center"
       HorizontalOptions="Center"
       FontSize="Large"
       Text="XAML Basics" />
```

Open the **AppShell.xaml** file and add an XML namespace to point to the **Views** namespace in the .NET MAUI project.

```
xmlns:views="clr-namespace:XamlBasicsMAUI.Views"
```

Replace all the one <ShellContent> element with the following code.

```
<TabBar>
  <ShellContent Title="Home"
                ContentTemplate="{DataTemplate
local:MainPage}"
                Route="MainPage" />
  <ShellContent Title="Login"
                ContentTemplate="{DataTemplate
views:LoginView}"
                Route="LoginView" />
  <ShellContent Title="Employee"
                ContentTemplate="{DataTemplate
views:EmployeeInfoView}"
                Route="EmployeeInfoView" />
</TabBar>
```

Try It Out

Run the application on **Windows** to see a screen that looks like Figure 1.
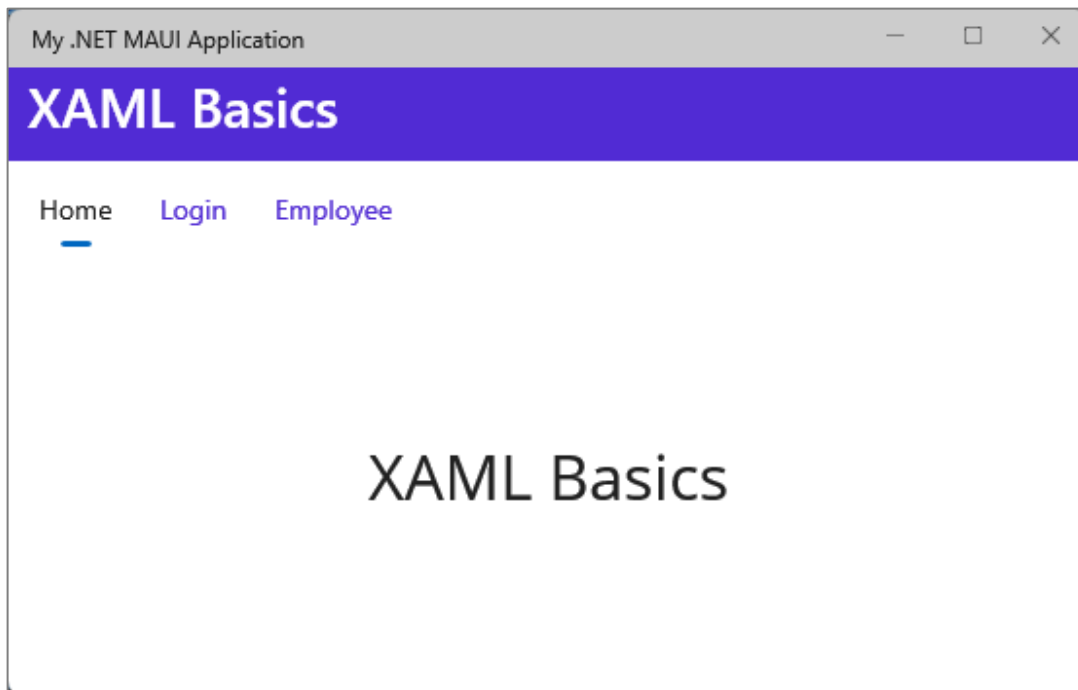
Run the application on the **Android** Emulator.

Figure 1: Basic navigation on Windows.