**App.xaml**

<?xml version="1.0" encoding="utf-8" ?>

<Application xmlns="http://xamarin.com/schemas/2014/forms"

xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"

x:Class="XamarinSearchBar.App">

<Application.Resources>

<!-- Application resource dictionary -->

</Application.Resources>

</Application>

**App.xaml.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using Xamarin.Forms;

namespace XamarinSearchBar

{

public partial class App : Application

{

public App()

{

MainPage = new HomePage();

}

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

}

}

}

**HomePage.xaml**

<?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="XamarinSearchBar.HomePage">

<StackLayout>

<SearchBar x:Name="mySearchBar"

TextChanged="mySearchBar\_TextChanged"

SearchButtonPressed="mySearchBar\_ButtonPressed"

/>

<ListView x:Name="myListView"/>

</StackLayout>

</ContentPage>

**HomePage.xaml.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using Xamarin.Forms;

using Xamarin.Forms.Xaml;

namespace XamarinSearchBar

{

[XamlCompilation(XamlCompilationOptions.Compile)]

public partial class HomePage : ContentPage

{

private List<string> source = new List<string>()

{

"Room 1","Room2"

};

public HomePage()

{

InitializeComponent();

myListView.ItemsSource = source;

}

private void mySearchBar\_TextChanged(object sender, TextChangedEventArgs e)

{

if (string.IsNullOrEmpty(e.NewTextValue.ToString()))

myListView.ItemsSource = source; //return default

else

{

string searchText = mySearchBar.Text.ToLower();

IEnumerable<string> result = source.Where(x => x.ToLower().Contains(searchText));

if (result.Count() > 0)

myListView.ItemsSource = result;

else

myListView.ItemsSource = new List<string>() { "Not found" };

}

}

private void mySearchBar\_ButtonPressed(object sender, EventArgs e)

{

string searchText = mySearchBar.Text.ToLower();

IEnumerable<string> result = source.Where(x => x.ToLower().Contains(searchText));

if (result.Count() > 0)

myListView.ItemsSource = result;

else

myListView.ItemsSource = new List<string>() { "Not found" };

}

}

}