

**Xamarin Case- study**

**OTLOB**

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**XAMAL**

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

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

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

xmlns:local ="clr-namespace:Intro"

x:Class="Intro.Page1">

<Grid Padding="10"

>

<Grid.RowDefinitions>

<RowDefinition />

<RowDefinition />

</Grid.RowDefinitions>

<ImageButton x:Name="food"

BackgroundColor="Yellow"

Source="{local:ImageResourcesExtention Intro.images.fd.png }"

Clicked="food\_Clicked"

/>

<ImageButton x:Name="groc"

BackgroundColor="Yellow"

Source="{local:ImageResourcesExtention Intro.images.groc.png}"

Aspect="AspectFit"

Grid.Row="0" Grid.Column="1"

Clicked="groc\_Clicked"/>

<ImageButton x:Name="med"

BackgroundColor="Yellow"

Source="{local:ImageResourcesExtention Intro.images.med.png}"

Aspect="AspectFit"

Grid.Row="1" Grid.Column="0"/>

<ImageButton x:Name="cos"

BackgroundColor="Yellow"

Source="{local:ImageResourcesExtention Intro.images.cos.png}"

Aspect="AspectFit"

Grid.Row="1" Grid.Column="1"/>

<Label x:Name="lb1"

TextColor="Black"

Text="Food"

Padding="10"

FontAttributes="Bold"

FontSize="32"

Grid.Row="0" Grid.Column="0"

HorizontalOptions="Center" VerticalOptions="End"/>

<Label x:Name="lb2"

TextColor="Black"

Text="Groceries"

Padding="10"

FontAttributes="Bold"

FontSize="32"

Grid.Row="0" Grid.Column="1"

HorizontalOptions="Center" VerticalOptions="End"/>

<Label x:Name="lb3"

TextColor="Black"

Text="Medicine"

Padding="10"

FontAttributes="Bold"

FontSize="32"

Grid.Row="1" Grid.Column="0"

HorizontalOptions="Center" VerticalOptions="End"/>

<Label x:Name="lb4"

TextColor="Black"

Text="Cosmetics"

Padding="10"

FontAttributes="Bold"

FontSize="32"

Grid.Row="1" Grid.Column="1"

HorizontalOptions="Center" VerticalOptions="End"/>

</Grid>

</ContentPage>

**.CS**

using System;

using System.Collections.Generic;

using System.Collections.ObjectModel;

using System.ComponentModel;

using System.Linq;

using System.Runtime.CompilerServices;

using System.Text;

using System.Threading.Tasks;

using Xamarin.Forms;

using Xamarin.Forms.Xaml;

namespace Intro

{

[XamlCompilation(XamlCompilationOptions.Compile)]

public partial class MasterDetail\_FoodPageMaster : ContentPage

{

public ListView ListView;

public MasterDetail\_FoodPageMaster()

{

InitializeComponent();

BindingContext = new MasterDetail\_FoodPageMasterViewModel();

ListView = MenuItemsListView;

}

class MasterDetail\_FoodPageMasterViewModel : INotifyPropertyChanged

{

public ObservableCollection<MasterDetail\_FoodPageMasterMenuItem> MenuItems { get; set; }

public MasterDetail\_FoodPageMasterViewModel()

{

MenuItems = new ObservableCollection<MasterDetail\_FoodPageMasterMenuItem>(new[]

{

new MasterDetail\_FoodPageMasterMenuItem { Id = 0, Title = "Profile" },

new MasterDetail\_FoodPageMasterMenuItem { Id = 1, Title = "Home" },

new MasterDetail\_FoodPageMasterMenuItem { Id = 2, Title = "Orders" },

new MasterDetail\_FoodPageMasterMenuItem { Id = 3, Title = "Offers" }

});

}

#region INotifyPropertyChanged Implementation

public event PropertyChangedEventHandler PropertyChanged;

void OnPropertyChanged([CallerMemberName] string propertyName = "")

{

if (PropertyChanged == null)

return;

PropertyChanged.Invoke(this, new PropertyChangedEventArgs(propertyName));

}

#endregion

}

}

}