ECommerce App

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# CLASESS

## LoginRequest

public class LoginRequest

{

public string Email { get; set; }

public string Password { get; set; }

}

## OrderDetailRequest

public class OrderDetailRequest

{

public int ProductId { get; set; }

public double Quantity { get; set; }

}

## OrderRequest

public class OrderRequest

{

public string UserName { get; set; }

public int CompanyId { get; set; }

public int CustomerId { get; set; }

public DateTime Date { get; set; }

public string Remarks { get; set; }

public List<OrderDetailRequest> Details { get; set; }

}

## Response

public class Response

{

public bool IsSuccess { get; set; }

public string Message { get; set; }

public object Result { get; set; }

}

# MODELS

## Category

public class Category

{

[PrimaryKey]

public int CategoryId { get; set; }

public string Description { get; set; }

public int CompanyId { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Product> Products { get; set; }

public override int GetHashCode()

{

return CategoryId;

}

}

## City

public class City

{

[PrimaryKey]

public int CityId { get; set; }

public string Name { get; set; }

public int DepartmentId { get; set; }

[ManyToOne]

public Department Department { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Customer> Customers { get; set; }

public override int GetHashCode()

{

return CityId;

}

}

## Company

public class Company

{

[PrimaryKey]

public int CompanyId { get; set; }

public string Name { get; set; }

public string Phone { get; set; }

public string Address { get; set; }

public string Logo { get; set; }

public int DepartmentId { get; set; }

public int CityId { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<User> Users { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Product> Products { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<CompanyCustomer> CompanyCustomers { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Order> Orders { get; set; }

public override int GetHashCode()

{

return CompanyId;

}

}

## CompanyCustomer

public class CompanyCustomer

{

[PrimaryKey]

public int CompanyCustomerId { get; set; }

public int CompanyId { get; set; }

public int CustomerId { get; set; }

[ManyToOne]

public Company Company { get; set; }

[ManyToOne]

public Customer Customer { get; set; }

public override int GetHashCode()

{

return CompanyCustomerId;

}

}

## Customer

public class Customer

{

[PrimaryKey]

public int CustomerId { get; set; }

public string UserName { get; set; }

public string FirstName { get; set; }

public string LastName { get; set; }

public string Photo { get; set; }

public string Phone { get; set; }

public string Address { get; set; }

public double Latitude { get; set; }

public double Longitude { get; set; }

public int DepartmentId { get; set; }

public int CityId { get; set; }

[ManyToOne]

public Department Department { get; set; }

[ManyToOne]

public City City { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<CompanyCustomer> CompanyCustomers { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Order> Orders { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Sale> Sales { get; set; }

public bool IsUpdated { get; set; }

public string FullName { get { return string.Format("{0} {1}", FirstName, LastName); } }

public string PhotoFullPath

{

get

{

return Photo == null ? string.Empty : string.Format("http://zulu-software.com/ECommerce{0}", Photo.Substring(1));

}

}

public override int GetHashCode()

{

return CustomerId;

}

}

## Department

public class Department

{

[PrimaryKey]

public int DepartmentId { get; set; }

public string Name { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<City> Cities { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Customer> Customers { get; set; }

public override int GetHashCode()

{

return DepartmentId;

}

}

## Inventory

public class Inventory

{

[PrimaryKey]

public int InventoryId { get; set; }

public int ProductId { get; set; }

[ManyToOne]

public Product Product { get; set; }

public int WarehouseId { get; set; }

public string WarehouseName { get; set; }

public double Stock { get; set; }

public override int GetHashCode()

{

return InventoryId;

}

}

## Order

public class Order

{

[PrimaryKey, AutoIncrement]

public int OrderId { get; set; }

public int CompanyId { get; set; }

public int CustomerId { get; set; }

public int StateId { get; set; }

public DateTime Date { get; set; }

public string Remarks { get; set; }

public bool IsUpdated { get; set; }

[ManyToOne]

public Customer Customer { get; set; }

[ManyToOne]

public State State { get; set; }

[ManyToOne]

public Company Company { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<OrderDetail> OrderDetails { get; set; }

public override int GetHashCode()

{

return OrderId;

}

}

## OrderDetail

public class OrderDetail

{

[PrimaryKey, AutoIncrement]

public int OrderDetailId { get; set; }

public int OrderId { get; set; }

public int ProductId { get; set; }

public string Description { get; set; }

public double TaxRate { get; set; }

public decimal Price { get; set; }

public double Quantity { get; set; }

public decimal Value { get { return Price \* (decimal)Quantity; } }

[ManyToOne]

public Product Product { get; set; }

[ManyToOne]

public Order Order { get; set; }

public override int GetHashCode()

{

return OrderDetailId;

}

}

## OrderDetailTmp

public class OrderDetailTmp

{

[PrimaryKey, AutoIncrement]

public int OrderDetailTmpId { get; set; }

public int ProductId { get; set; }

public string Description { get; set; }

public double TaxRate { get; set; }

public decimal Price { get; set; }

public double Quantity { get; set; }

public decimal Value { get { return Price \* (decimal)Quantity; } }

[ManyToOne]

public Product Product { get; set; }

public override int GetHashCode()

{

return OrderDetailTmpId;

}

}

## Product

public class Product

{

[PrimaryKey]

public int ProductId { get; set; }

public string Description { get; set; }

public string BarCode { get; set; }

public decimal Price { get; set; }

public string Image { get; set; }

public string Remarks { get; set; }

public double Stock { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Inventory> Inventories { get; set; }

public int CompanyId { get; set; }

[ManyToOne]

public Company Company { get; set; }

public int CategoryId { get; set; }

[ManyToOne]

public Category Category { get; set; }

public int TaxId { get; set; }

[ManyToOne]

public Tax Tax { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<OrderDetail> OrderDetails { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<OrderDetailTmp> OrderDetailTmps { get; set; }

public string ImageFullPath { get { return string.Format("http://zulu-software.com/ECommerce{0}", Image.Substring(1)); } }

public override int GetHashCode()

{

return ProductId;

}

}

## Sale

public class Sale

{

[PrimaryKey]

public int SaleId { get; set; }

public int CompanyId { get; set; }

public int CustomerId { get; set; }

public int WarehouseId { get; set; }

public int StateId { get; set; }

public int? OrderId { get; set; }

public DateTime Date { get; set; }

public string Remarks { get; set; }

[ManyToOne]

public Customer Customer { get; set; }

public override int GetHashCode()

{

return SaleId;

}

}

## State

public class State

{

[PrimaryKey]

public int StateId { get; set; }

public string Description { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Order> Orders { get; set; }

public override int GetHashCode()

{

return StateId;

}

}

## Tax

public class Tax

{

[PrimaryKey]

public int TaxId { get; set; }

public string Description { get; set; }

public double Rate { get; set; }

public int CompanyId { get; set; }

[OneToMany(CascadeOperations = CascadeOperation.All)]

public List<Product> Products { get; set; }

public override int GetHashCode()

{

return TaxId;

}

}

## User

public class User

{

[PrimaryKey]

public int UserId { get; set; }

public string UserName { get; set; }

public string FirstName { get; set; }

public string LastName { get; set; }

public string Photo { get; set; }

public string Phone { get; set; }

public string Address { get; set; }

public int DepartmentId { get; set; }

public string DepartmentName { get; set; }

public int CityId { get; set; }

public string CityName { get; set; }

public int CompanyId { get; set; }

[ManyToOne]

public Company Company { get; set; }

public bool IsAdmin { get; set; }

public bool IsUser { get; set; }

public bool IsCustomer { get; set; }

public bool IsSupplier { get; set; }

public bool IsRemembered { get; set; }

public string Password { get; set; }

public string FullName { get { return string.Format("{0} {1}", FirstName, LastName); } }

public string PhotoFullPath { get { return string.Format("http://zulu-software.com/ECommerce{0}", Photo.Substring(1)); } }

public override int GetHashCode()

{

return UserId;

}

}

# PAGES

## AddProductoToOrderPage

<?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="ECommerceApp3.Pages.AddProductoToOrderPage"

Title="Adicionar Producto a Pedido"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout

Padding="8">

<SearchBar

Placeholder="Buscar o escanear..."

Text="{Binding ProductsOrderFilter, Mode=TwoWay}"

SearchCommand="{Binding SearchProductOrderCommand}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</SearchBar>

<StackLayout

Orientation="Horizontal">

<Label

Text="Cantidad"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Keyboard="Numeric"

Text="{Binding OrderQuantity}"

FontAttributes="Bold"

FontSize="20"

HorizontalOptions="FillAndExpand"

VerticalOptions="Center">

</Entry>

<Image

Source="barcode.png"

HorizontalOptions="End"

VerticalOptions="Center">

<Image.GestureRecognizers>

<TapGestureRecognizer Command="{Binding ScanProductOrderCommand}"/>

</Image.GestureRecognizers>

</Image>

</StackLayout>

<ListView

ItemTemplate="{StaticResource ProductItemTemplate2}"

ItemsSource="{Binding Products}"

HasUnevenRows="True">

</ListView>

</StackLayout>

</ContentPage>

## CustomerDetailsPage

<?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:controls="clr-namespace:ImageCircle.Forms.Plugin.Abstractions;assembly=ImageCircle.Forms.Plugin.Abstractions"

xmlns:control="clr-namespace:ECommerceApp3.Controls"

x:Class="ECommerceApp3.Pages.CustomerDetailPage"

Title="Detalles de Cliente"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<ScrollView

BindingContext="{Binding CurrentCustomer}">

<StackLayout

Padding="8">

<StackLayout

Orientation="Horizontal">

<controls:CircleImage

Source="{Binding PhotoFullPath}"

Aspect="AspectFill"

WidthRequest="100"

HeightRequest="100"

VerticalOptions="Center"

HorizontalOptions="Start">

</controls:CircleImage>

<Label

Text="{Binding FullName}"

TextColor="{StaticResource FontColor}"

FontSize="20"

FontAttributes="Bold"

VerticalOptions="Center"

HorizontalOptions="CenterAndExpand">

</Label>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Correo:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Placeholder="Correo"

Text="{Binding UserName, Mode=TwoWay}"

Keyboard="Email"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Nombres:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Placeholder="Nombres"

Text="{Binding FirstName, Mode=TwoWay}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Apellidos:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Placeholder="Apellidos"

Text="{Binding LastName, Mode=TwoWay}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Teléfono:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Placeholder="Teléfono"

Text="{Binding Phone, Mode=TwoWay}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Dirección:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Placeholder="Dirección"

Text="{Binding Address, Mode=TwoWay}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Departamento:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<control:BindablePicker

Title="Seleccione un departamento"

DisplayMemberPath="Name"

SelectedValuePath="DepartmentId"

ItemsSource="{Binding Departments}"

SelectedValue ="{Binding Path=DepartmentId, Mode=TwoWay}"

HorizontalOptions="FillAndExpand"

VerticalOptions="Center">

</control:BindablePicker>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Ciudad:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<control:BindablePicker

Title="Seleccione una ciudad"

DisplayMemberPath="Name"

SelectedValuePath="CityId"

ItemsSource="{Binding Cities}"

SelectedValue ="{Binding Path=CityId, Mode=TwoWay}"

HorizontalOptions="FillAndExpand"

VerticalOptions="Center">

</control:BindablePicker>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Latidud:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Placeholder="Latitud"

IsEnabled="false"

Text="{Binding Latitude, Mode=TwoWay}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

<Label

Text="Longitud:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Placeholder="Longitud"

IsEnabled="false"

Text="{Binding Longitude, Mode=TwoWay}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Button

Text="Localización"

TextColor="{StaticResource BackgroundColor}"

BackgroundColor="{StaticResource MainColor}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Button>

<Button

Text="Actualizar"

TextColor="{StaticResource BackgroundColor}"

BackgroundColor="{StaticResource OrangeColor}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Button>

<Button

Command="{Binding DeleteCustomerCommand}"

Text="Borrar"

TextColor="{StaticResource BackgroundColor}"

BackgroundColor="{StaticResource RedColor}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Button>

</StackLayout>

</StackLayout>

</ScrollView>

</ContentPage>

## CustomersPage

<?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="ECommerceApp3.Pages.CustormersPage"

Title="Clientes"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout

Padding="8">

<SearchBar

Placeholder="Buscar..."

Text="{Binding CustomersFilter, Mode=TwoWay}"

SearchCommand="{Binding SearchCustomerCommand}">

</SearchBar>

<ListView

ItemTemplate="{StaticResource CustomerItemTemplate}"

ItemsSource="{Binding Customers}"

HasUnevenRows="True">

</ListView>

</StackLayout>

<ContentPage.ToolbarItems>

<ToolbarItem Icon="ic\_action\_add.png" Command="{Binding NewCustomerCommand}"/>

</ContentPage.ToolbarItems>

</ContentPage>

## LoginPage

<?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="ECommerceApp3.Pages.LoginPage"

Title="E-Commerce"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout

BindingContext="{Binding NewLogin}"

Padding="10"

Spacing="20">

<StackLayout

Orientation="Horizontal"

HorizontalOptions="Center">

<Label

Text="E-Commerce"

TextColor="{StaticResource MainColor}"

FontSize="24"

FontAttributes="Bold"

HorizontalOptions="Center"

VerticalOptions="Center">

</Label>

<Image

Source="ic\_launcher.png"

WidthRequest="80"

HeightRequest="80"

HorizontalOptions="Center"

VerticalOptions="Center">

</Image>

</StackLayout>

<BoxView

HeightRequest="3"

Color="{StaticResource MainColor}">

</BoxView>

<Entry

Text="{Binding User, Mode=TwoWay}"

Keyboard="Email"

Placeholder="Usuario"

TextColor="{StaticResource MainColor}">

</Entry>

<Entry

Text="{Binding Password, Mode=TwoWay}"

Placeholder="Contraseña"

IsPassword="True"

TextColor="{StaticResource MainColor}">

</Entry>

<Button

Command="{Binding LoginCommand}"

Text="Ingresar"

TextColor="{StaticResource AccentColor}"

HorizontalOptions="Center"

VerticalOptions="Center">

</Button>

<ActivityIndicator

IsRunning="{Binding IsRunning, Mode=TwoWay}">

</ActivityIndicator>

<StackLayout

Orientation="Horizontal"

HorizontalOptions="Center">

<Label

Text="Recuerdame"

TextColor="{StaticResource MainColor}"

HorizontalOptions="Center"

VerticalOptions="Center">

</Label>

<Switch

IsToggled="{Binding IsRemembered, Mode=TwoWay}"

HorizontalOptions="Center"

VerticalOptions="Center">

</Switch>

</StackLayout>

<Label

Text="¿Has olvidado tu contraseña?"

TextColor="{StaticResource AccentColor}"

HorizontalOptions="Center"

VerticalOptions="Center">

</Label>

</StackLayout>

</ContentPage>

## MasterPage

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

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

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

xmlns:pages="clr-namespace:ECommerceApp3.Pages;assembly=ECommerceApp3"

x:Class="ECommerceApp3.Pages.MasterPage">

<MasterDetailPage.Master>

<pages:MenuPage></pages:MenuPage>

</MasterDetailPage.Master>

<MasterDetailPage.Detail>

<NavigationPage

x:Name="Navigator"

BarBackgroundColor="{StaticResource MainColor}">

<x:Arguments>

<pages:UserPage></pages:UserPage>

</x:Arguments>

</NavigationPage>

</MasterDetailPage.Detail>

</MasterDetailPage>

## MenuPage

<?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="ECommerceApp3.Pages.MenuPage"

Title="Menú"

BackgroundColor="{StaticResource MenuColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout Padding="8">

<StackLayout Orientation="Horizontal">

<Label

Text="E-Commerce"

TextColor="{StaticResource AccentColor}"

FontSize="24"

FontAttributes="Bold"

HorizontalOptions="StartAndExpand"

VerticalOptions="Center">

</Label>

<Image

Source="ic\_launcher.png"

WidthRequest="80"

HeightRequest="80"

HorizontalOptions="End"

VerticalOptions="Center">

</Image>

</StackLayout>

<BoxView

HeightRequest="3"

Color="{StaticResource AccentColor}">

</BoxView>

<ListView

ItemTemplate="{StaticResource MenuItemTemplate}"

ItemsSource="{Binding Menu}"

HasUnevenRows="True">

</ListView>

</StackLayout>

</ContentPage>

## NewOrderPage

<?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:control="clr-namespace:ECommerceApp3.Controls"

x:Class="ECommerceApp3.Pages.NewOrderPage"

Title="Nuevo Pedido"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout

BindingContext="{Binding OrderNew}"

Padding="8">

<StackLayout

Orientation="Horizontal">

<Label

Text="Compañía:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<control:BindablePicker

Title="Seleccione una compañía"

DisplayMemberPath="Name"

SelectedValuePath="CompanyId"

ItemsSource="{Binding Companies}"

SelectedValue ="{Binding Path=CompanyId, Mode=TwoWay}"

HorizontalOptions="FillAndExpand"

VerticalOptions="Center">

</control:BindablePicker>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Cliente:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<control:BindablePicker

Title="Seleccione un cliente"

DisplayMemberPath="FullName"

SelectedValuePath="CustomerId"

ItemsSource="{Binding Customers}"

SelectedValue ="{Binding Path=CustomerId, Mode=TwoWay}"

HorizontalOptions="FillAndExpand"

VerticalOptions="Center">

</control:BindablePicker>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Observación:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Text="{Binding Remarks, Mode=TwoWay}"

Placeholder="Observación...."

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

</StackLayout>

<StackLayout

Orientation="Horizontal">

<Label

Text="Fecha:"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<DatePicker

Date="{Binding Date, Mode=TwoWay}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</DatePicker>

<Button

Command="{Binding AddProductToOrderCommand}"

Text="Adicionar Producto"

TextColor="{StaticResource BackgroundColor}"

BackgroundColor="{StaticResource MainColor}"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Button>

</StackLayout>

<ListView

ItemTemplate="{StaticResource NewOrderItemTemplate}"

ItemsSource="{Binding OrderDetails}"

HasUnevenRows="True"

IsPullToRefreshEnabled="True"

RefreshCommand="{Binding RefreshCommand}"

IsRefreshing="{Binding IsRefreshing, Mode=TwoWay}">

</ListView>

<ActivityIndicator

IsRunning="{Binding IsRunning, Mode=TwoWay}">

</ActivityIndicator>

<StackLayout

Orientation="Horizontal">

<Button

Command="{Binding SaveOrderCommand}"

Text="Grabar Pedido"

TextColor="{StaticResource BackgroundColor}"

BackgroundColor="{StaticResource OrangeColor}"

VerticalOptions="Center"

HorizontalOptions="Start">

</Button>

<Label

Text="Total:"

TextColor="{StaticResource FontColor}"

HorizontalTextAlignment="End"

VerticalOptions="Center"

HorizontalOptions="Start">

</Label>

<Entry

Text="{Binding Total, Mode=TwoWay}"

IsEnabled="false"

HorizontalTextAlignment="End"

VerticalOptions="Center"

HorizontalOptions="FillAndExpand">

</Entry>

</StackLayout>

</StackLayout>

</ContentPage>

## OrdersPage

<?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:control="clr-namespace:ECommerceApp3.Controls"

x:Class="ECommerceApp3.Pages.OrdersPage"

Title="Pedidos"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout

Padding="8">

<SearchBar

Placeholder="Buscar..."

Text="{Binding OrdersFilter, Mode=TwoWay}"

SearchCommand="{Binding SearchOrderCommand}"

HorizontalOptions="FillAndExpand"

VerticalOptions="Center">

</SearchBar>

<ListView

ItemTemplate="{StaticResource OrderItemTemplate}"

ItemsSource="{Binding Orders}"

HasUnevenRows="True"

IsPullToRefreshEnabled="True"

RefreshCommand="{Binding RefreshOrdersCommand}"

IsRefreshing="{Binding IsRefreshingOrders, Mode=TwoWay}">

</ListView>

</StackLayout>

<ContentPage.ToolbarItems>

<ToolbarItem Icon="ic\_action\_add.png" Command="{Binding NewOrderCommand}"/>

</ContentPage.ToolbarItems>

</ContentPage>

## ProductsPage

<?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="ECommerceApp3.Pages.ProductsPage"

Title="Productos"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout

Padding="8">

<SearchBar

Placeholder="Buscar..."

Text="{Binding ProductsFilter, Mode=TwoWay}"

SearchCommand="{Binding SearchProductCommand}">

</SearchBar>

<Image

Source="barcode.png"

HorizontalOptions="End"

VerticalOptions="Center">

<Image.GestureRecognizers>

<TapGestureRecognizer Command="{Binding ScanProductCommand}"/>

</Image.GestureRecognizers>

</Image>

<ListView

ItemTemplate="{StaticResource MenuItemTemplate}"

ItemsSource="{Binding Products}"

HasUnevenRows="True">

</ListView>

</StackLayout>

</ContentPage>

## SyncPage

<?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="ECommerceApp3.Pages.SyncPage"

Title="Sincronizaciones"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout

BindingContext="{Binding NewSync}"

Padding="10"

VerticalOptions="CenterAndExpand">

<ProgressBar

Progress="{Binding Progress}"

HorizontalOptions="FillAndExpand"

VerticalOptions="Center">

</ProgressBar>

<Button

Command="{Binding StartSyncCommand}"

Text="Iniciar sincronización"

TextColor="{StaticResource AccentColor}"

HorizontalOptions="Center"

VerticalOptions="Center">

</Button>

</StackLayout>

</ContentPage>

## UserPage

<?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:controls="clr-namespace:ImageCircle.Forms.Plugin.Abstractions;assembly=ImageCircle.Forms.Plugin.Abstractions"

x:Class="ECommerceApp3.Pages.UserPage"

Title="ECommerce App"

BackgroundColor="{StaticResource BackgroundColor}"

BindingContext="{Binding Main, Source={StaticResource Locator}}">

<StackLayout

BindingContext="{Binding UserLoged}"

VerticalOptions="CenterAndExpand"

Spacing="10"

Padding="8">

<controls:CircleImage

Source="{Binding Photo}"

Aspect="AspectFill"

WidthRequest="300"

HeightRequest="300">

</controls:CircleImage>

<Label

Text="Bienvenid@"

FontSize="18"

FontAttributes="Bold"

TextColor="{StaticResource AccentColor}"

VerticalOptions="Center"

HorizontalOptions="Center"/>

<Label

Text="{Binding FullName}"

FontSize="24"

FontAttributes="Bold"

TextColor="{StaticResource FontColor}"

VerticalOptions="Center"

HorizontalOptions="Center" />

</StackLayout>

</ContentPage>

# 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"

xmlns:infra="clr-namespace:ECommerceApp3.Infrastructure;assembly=ECommerceApp3"

xmlns:controls="clr-namespace:ImageCircle.Forms.Plugin.Abstractions;assembly=ImageCircle.Forms.Plugin.Abstractions"

x:Class="ECommerceApp3.App">

<Application.Resources>

<ResourceDictionary>

<!-- Locator -->

<infra:InstanceLocator x:Key="Locator"></infra:InstanceLocator>

<!-- Colors -->

<Color x:Key="MainColor">#1b2b32</Color>

<Color x:Key="FontColor">#1b2b32</Color>

<Color x:Key="MenuColor">#a3abaf</Color>

<Color x:Key="MenuFontColor">#e1e7e8</Color>

<Color x:Key="BackgroundColor">#e1e7e8</Color>

<Color x:Key="AccentColor">#b22e2f</Color>

<Color x:Key="RedColor">#AB1A25</Color>

<Color x:Key="OrangeColor">#D97925</Color>

<!-- Data Templates -->

<DataTemplate x:Key="MenuItemTemplate">

<ViewCell>

<Grid>

<Grid.GestureRecognizers>

<TapGestureRecognizer Command="{Binding NavigateCommand}"/>

</Grid.GestureRecognizers>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="Auto"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

</Grid.ColumnDefinitions>

<Image

Source="{Binding Icon}"

WidthRequest="50"

HeightRequest="50"/>

<Label

Grid.Column="1"

VerticalOptions="Center"

TextColor="{StaticResource MenuFontColor}"

Text="{Binding Title}"/>

</Grid>

</ViewCell>

</DataTemplate>

<DataTemplate x:Key="ProductItemTemplate">

<ViewCell>

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="Auto"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

</Grid.ColumnDefinitions>

<Image

Source="{Binding ImageFullPath}"

VerticalOptions="Start"

WidthRequest="100"

HeightRequest="100"/>

<StackLayout Grid.Column="1">

<Label

FontAttributes="Bold"

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Description}"/>

<Label

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Price, StringFormat='Precio: {0:C2}'}"/>

<Label

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Stock, StringFormat='Stock: {0:N2}'}"/>

</StackLayout>

</Grid>

</ViewCell>

</DataTemplate>

<DataTemplate x:Key="CustomerItemTemplate">

<ViewCell>

<Grid>

<Grid.GestureRecognizers>

<TapGestureRecognizer Command="{Binding CustomerDetailCommand}"/>

</Grid.GestureRecognizers>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="Auto"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

</Grid.ColumnDefinitions>

<controls:CircleImage

Source="{Binding PhotoFullPath}"

Aspect="AspectFill"

WidthRequest="100"

HeightRequest="100">

</controls:CircleImage>

<StackLayout Grid.Column="1">

<Label

FontAttributes="Bold"

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding FullName}"/>

<Label

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding UserName, StringFormat='EMail: {0}'}"/>

<Label

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Address, StringFormat='Dirección: {0}'}"/>

<Label

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Phone, StringFormat='Teléfono: {0}'}"/>

</StackLayout>

</Grid>

</ViewCell>

</DataTemplate>

<DataTemplate x:Key="OrderItemTemplate">

<ViewCell>

<Grid>

<Grid.GestureRecognizers>

<TapGestureRecognizer Command="{Binding OrderDetailCommand}"/>

</Grid.GestureRecognizers>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

</Grid.ColumnDefinitions>

<Label

FontAttributes="Bold"

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Date, StringFormat='{0:yyyy/MM/dd}'}">

</Label>

<Label

Grid.Column="1"

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Customer.FullName}"/>

<Label

Grid.Column="2"

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding State.Description}"/>

</Grid>

</ViewCell>

</DataTemplate>

<DataTemplate x:Key="NewOrderItemTemplate">

<ViewCell>

<Grid>

<Grid.GestureRecognizers>

<TapGestureRecognizer Command="{Binding NewOrderDetailCommand}"/>

</Grid.GestureRecognizers>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

</Grid.ColumnDefinitions>

<Label

FontAttributes="Bold"

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Product.Description}">

</Label>

<Label

Grid.Column="1"

VerticalOptions="Center"

HorizontalTextAlignment="End"

TextColor="{StaticResource FontColor}"

Text="{Binding Price}"/>

<Label

Grid.Column="2"

VerticalOptions="Center"

HorizontalTextAlignment="End"

TextColor="{StaticResource FontColor}"

Text="{Binding Quantity}"/>

<Label

Grid.Column="3"

VerticalOptions="Center"

HorizontalTextAlignment="End"

TextColor="{StaticResource FontColor}"

Text="{Binding Value}"/>

</Grid>

</ViewCell>

</DataTemplate>

<DataTemplate x:Key="ProductItemTemplate2">

<ViewCell>

<Grid>

<Grid.GestureRecognizers>

<TapGestureRecognizer Command="{Binding AddProductToOrderCommand}"/>

</Grid.GestureRecognizers>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="Auto"></ColumnDefinition>

<ColumnDefinition Width="\*"></ColumnDefinition>

</Grid.ColumnDefinitions>

<Image

Source="{Binding ImageFullPath}"

VerticalOptions="Start"

WidthRequest="100"

HeightRequest="100"/>

<StackLayout Grid.Column="1">

<Label

FontAttributes="Bold"

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Description}"/>

<Label

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Price, StringFormat='Precio: {0:C2}'}"/>

<Label

VerticalOptions="Center"

TextColor="{StaticResource FontColor}"

Text="{Binding Stock, StringFormat='Stock: {0:N2}'}"/>

</StackLayout>

</Grid>

</ViewCell>

</DataTemplate>

</ResourceDictionary>

</Application.Resources>

</Application>