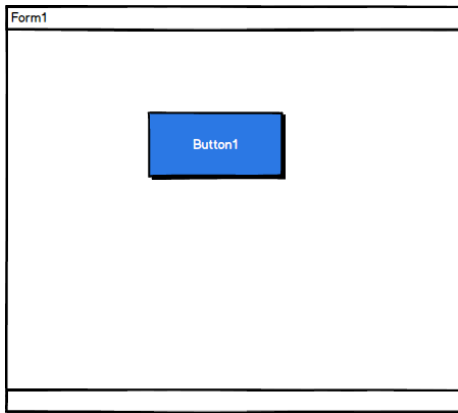


$$\underbrace{\text{XML}}_{\text{Markups}} + \underbrace{\{\}}_{\text{Markup Extensions}} = \text{XAML}$$



```
form1.Children.Add(button1);  
Form form1 = new Form();  
Button button1 = new Button();  
button1.Context = "Print";  
button1.Background = Color.Blue;
```

```
<Form>  
  <Button Background="{StaticResource MyColor}">Print</  
Button>  
  
</Form>
```

ShellView

File Edit View Help

Products

Services

Customers

Settings

Product 1100 PLN

Is Discount

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Product 250 PLN

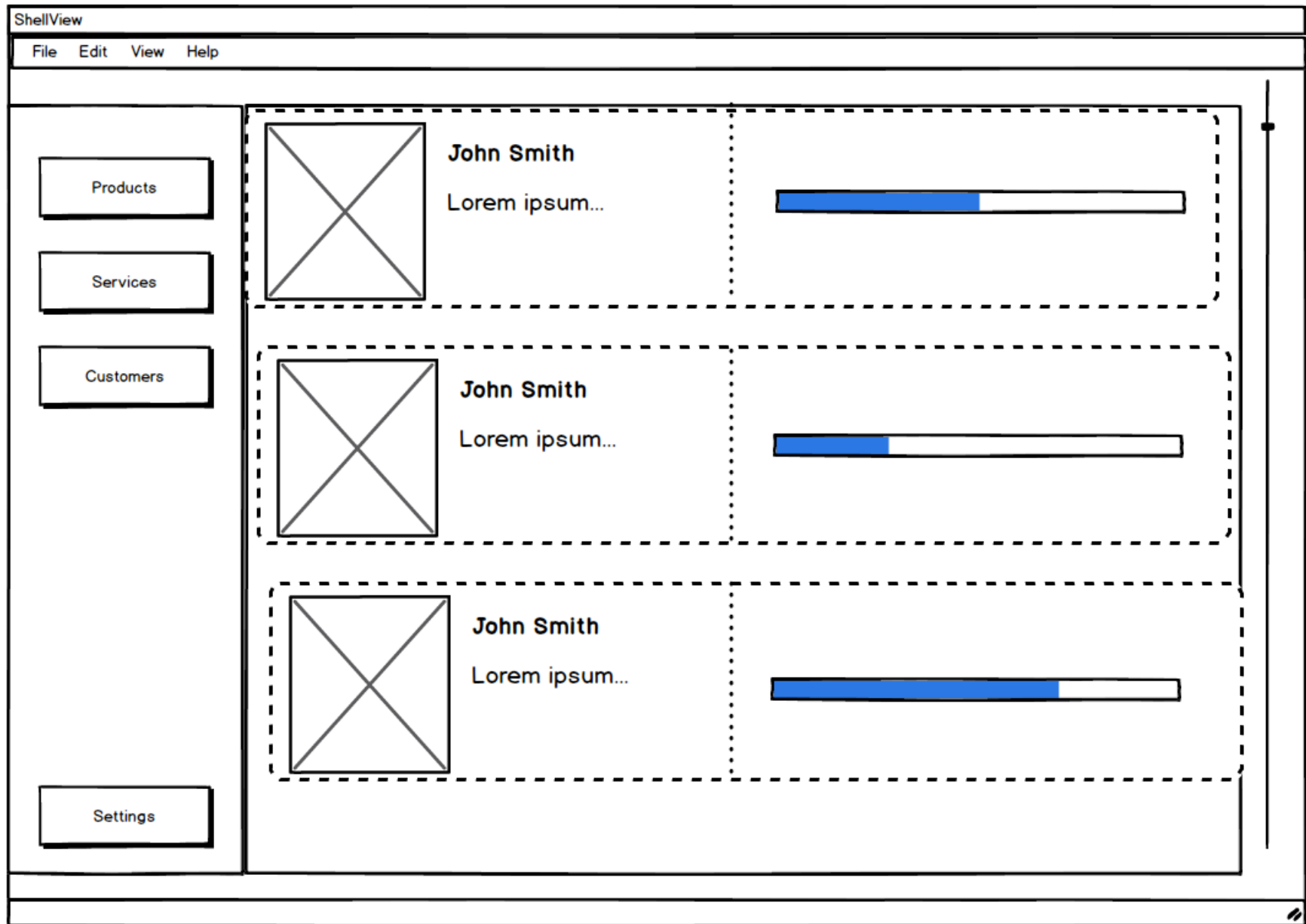
Is Discount

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Product 3250 PLN

Is Discount

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Products

Services

Settings

### Service 1 100 PLN

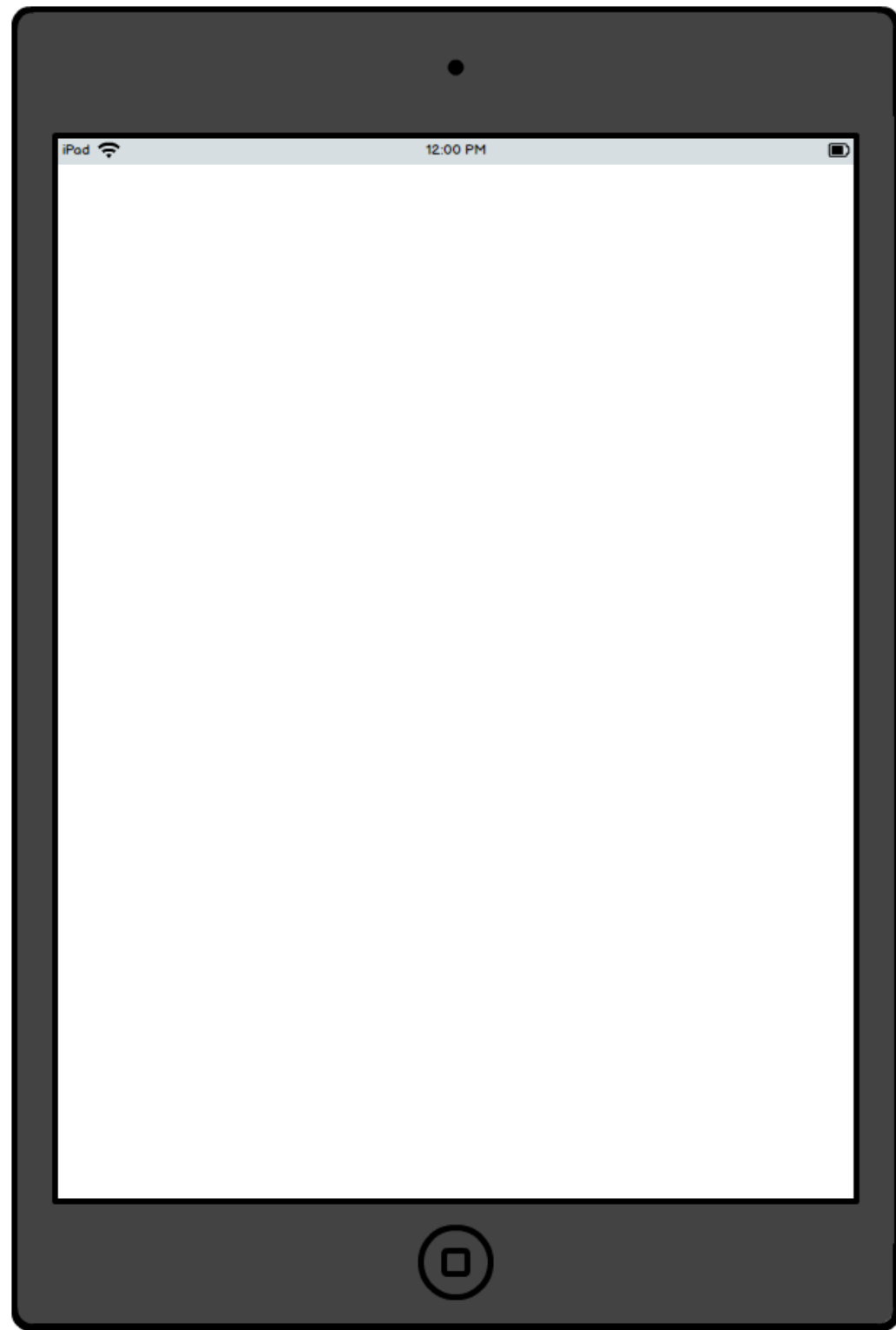
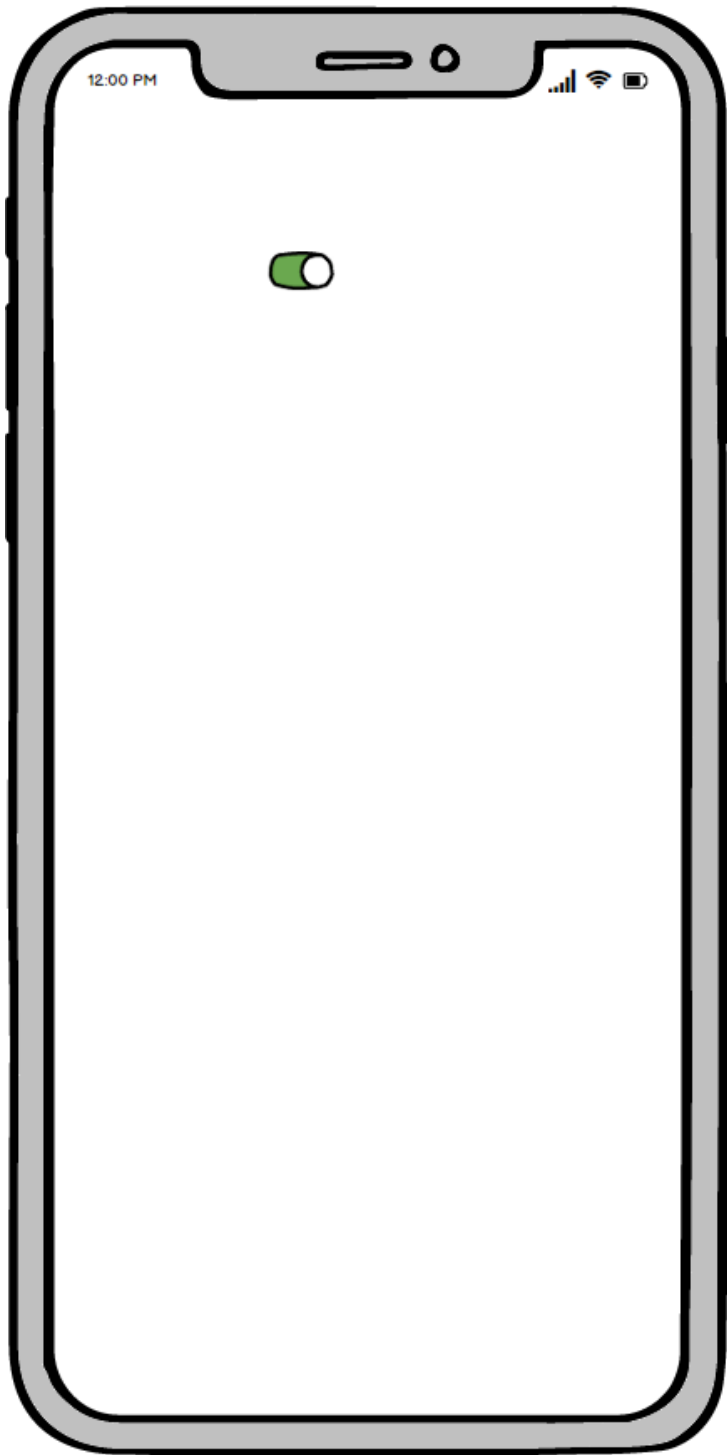
lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

### Service 2 50 PLN

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### Product 3 250 PLN

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200 px

ShellView

File Edit View Help



Products

Services

Settings

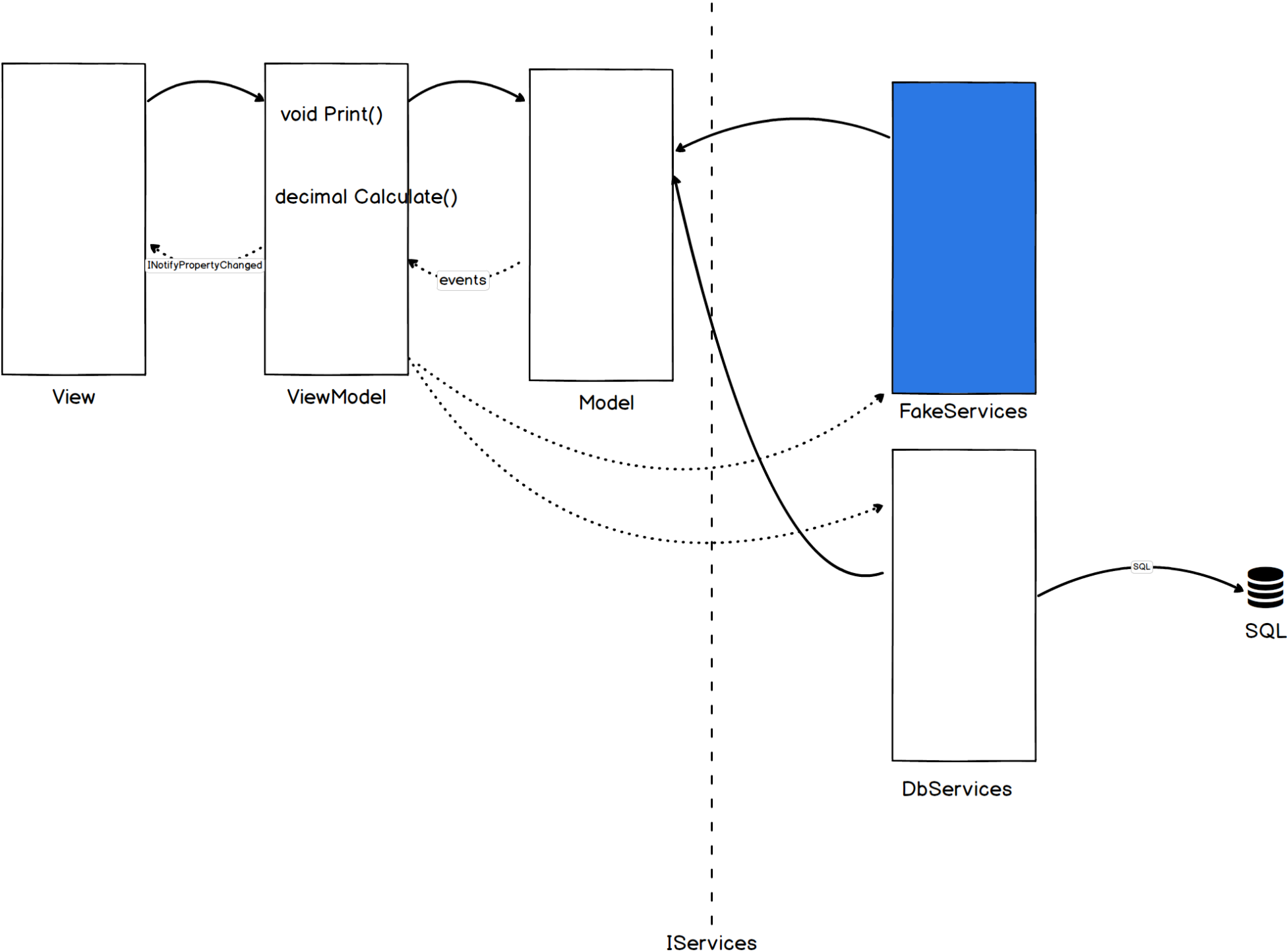
ProductsView.xaml

Button

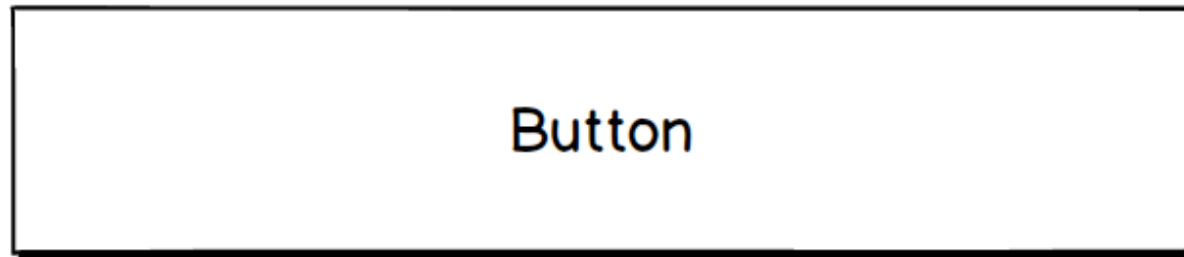




# MVVM



Dependency Object



Button

GetValue()

SetValue()

Dependency Property

Register



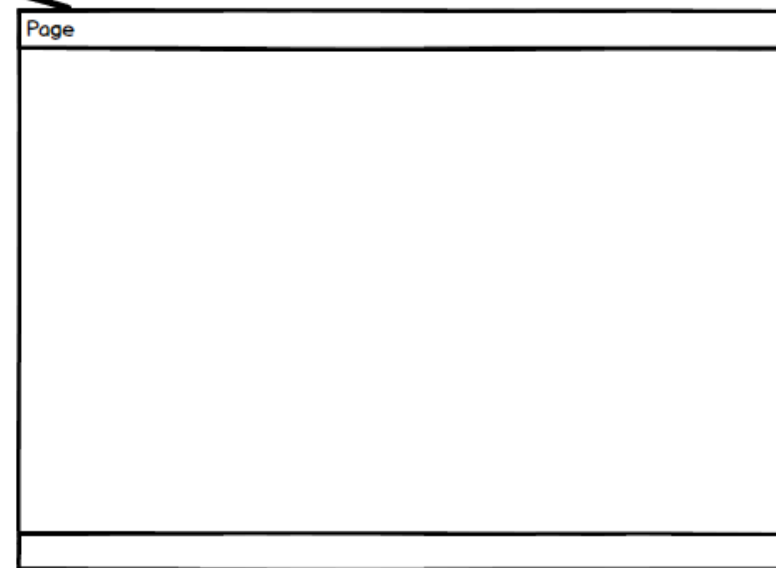
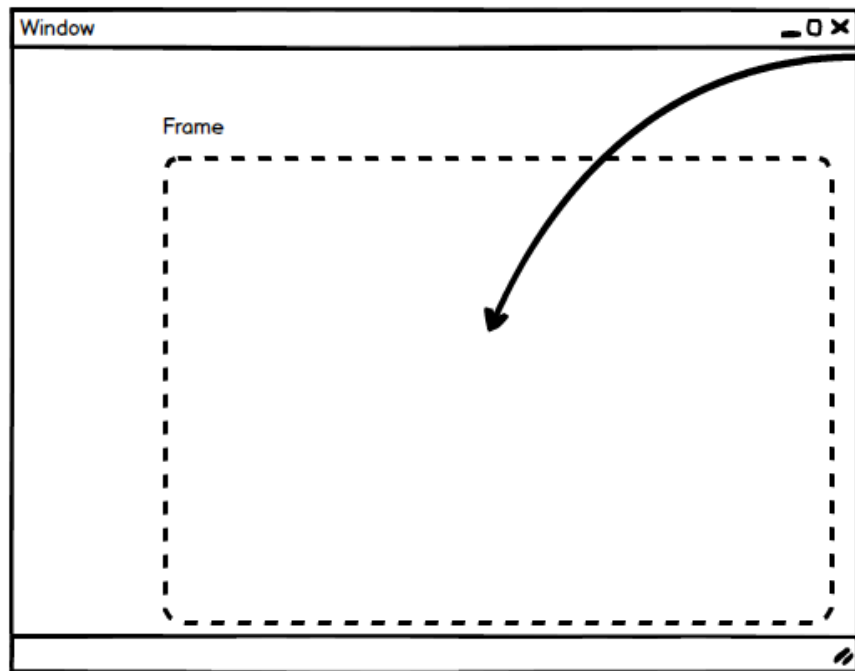
.Background =



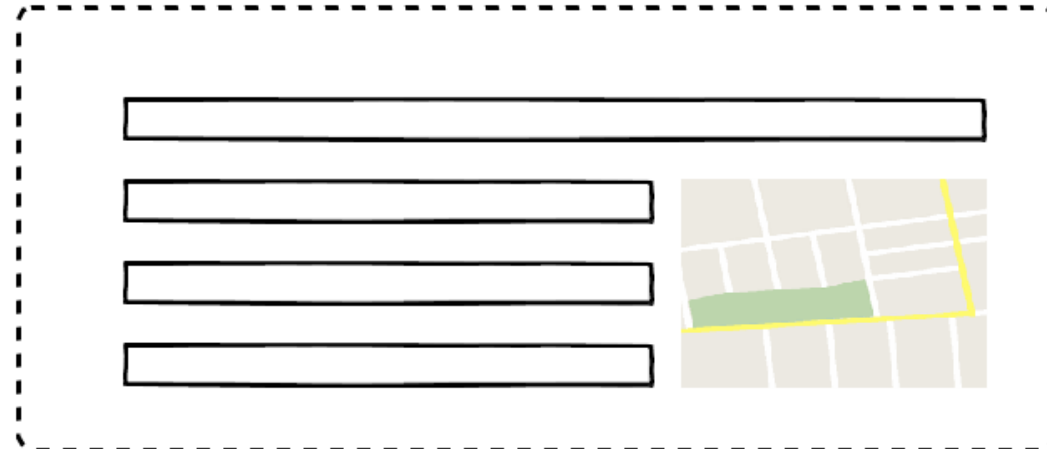
Style



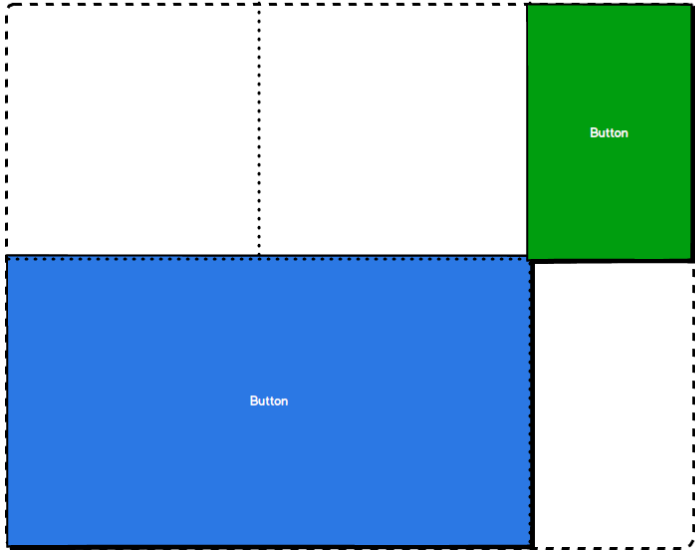
Key	Value
ProductsViewModel	ProductsViewModel
IProductService	FakeProductService
Faker<Product>	ProductFaker
ProductViewModel	ProductViewModel



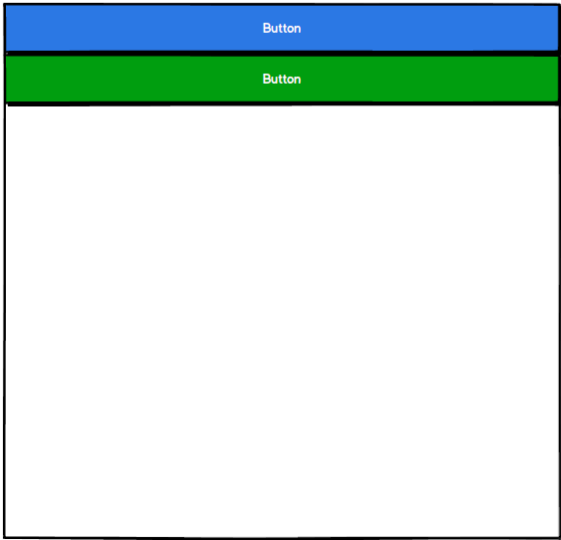
UserControl



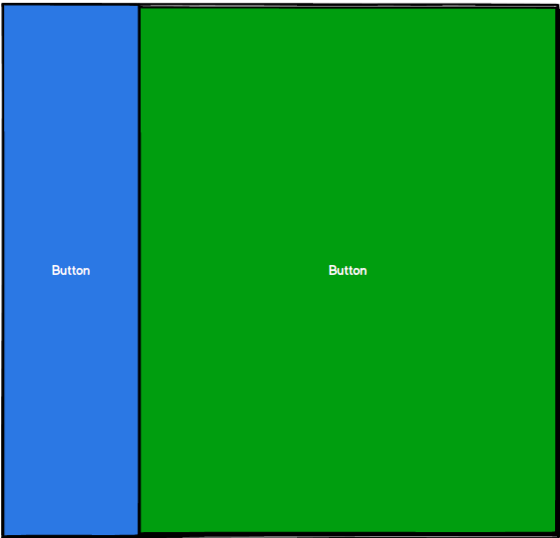
Grid



StackPanel .Orientation



DockPanel .Dock



Views

ViewModels

FakeServices

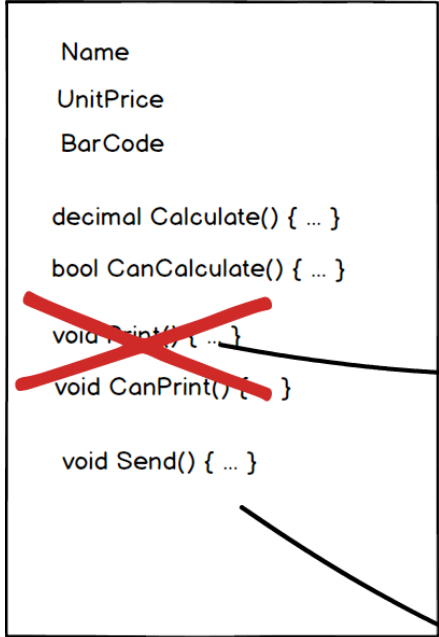
DbServices

IServices

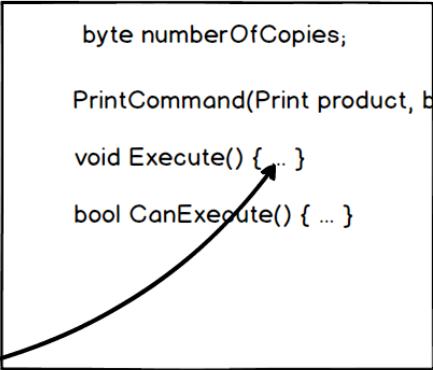
Models



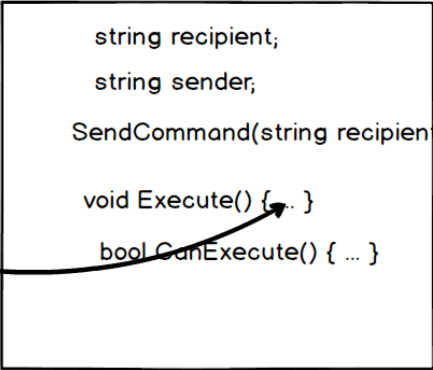
Product



class PrintCommand

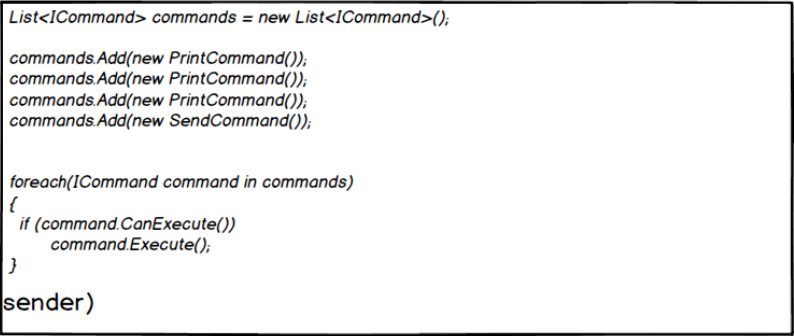


class SendCommand



interface ICommand

```
void Execute();
bool CanExecute() { ... }
```





Imię

John

Nazwisko

Customer

FirstName { get; set; }

LastName { get; set; }

Progress { get; set; }

