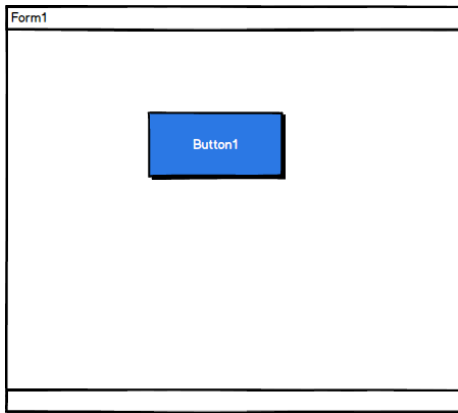
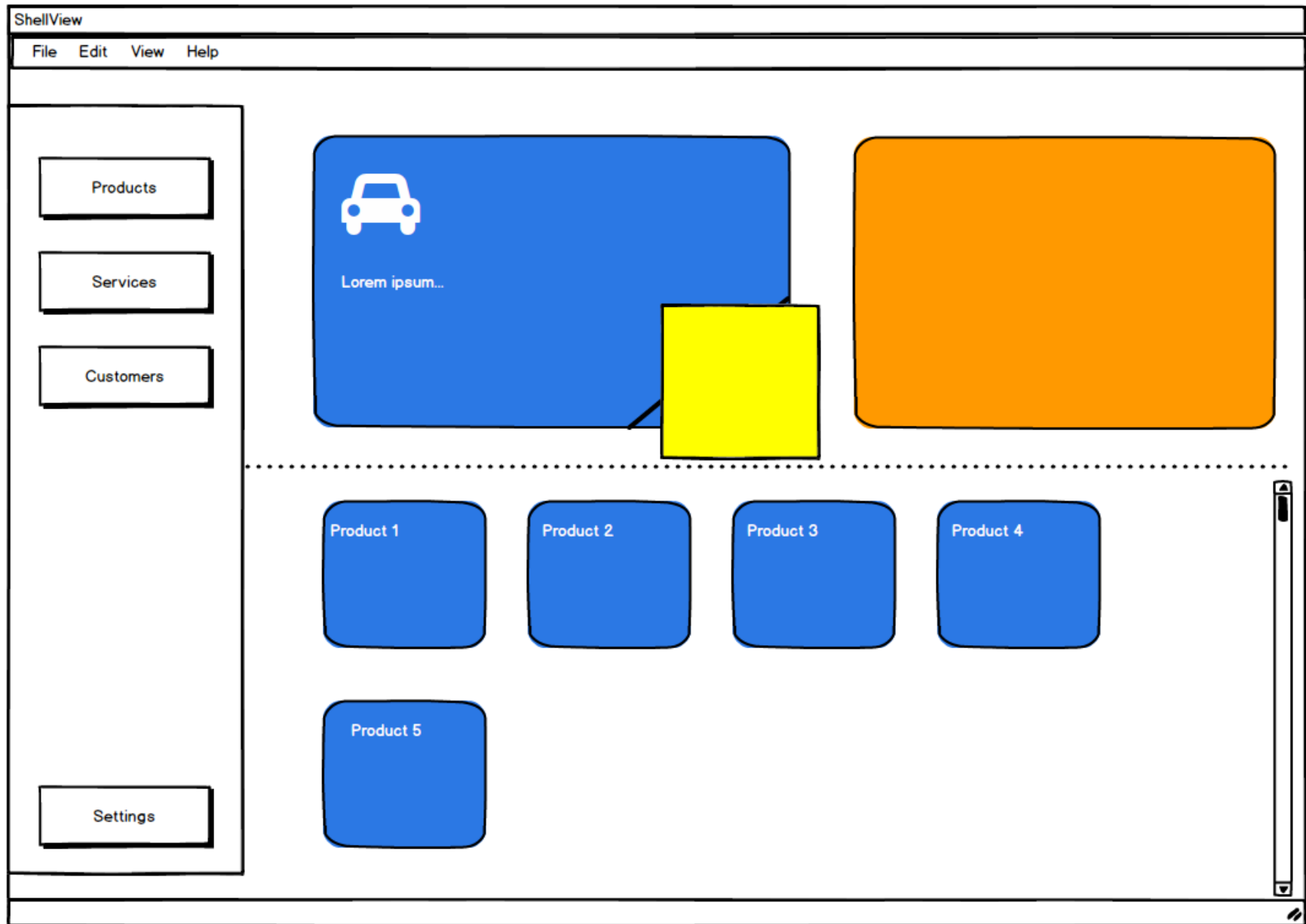
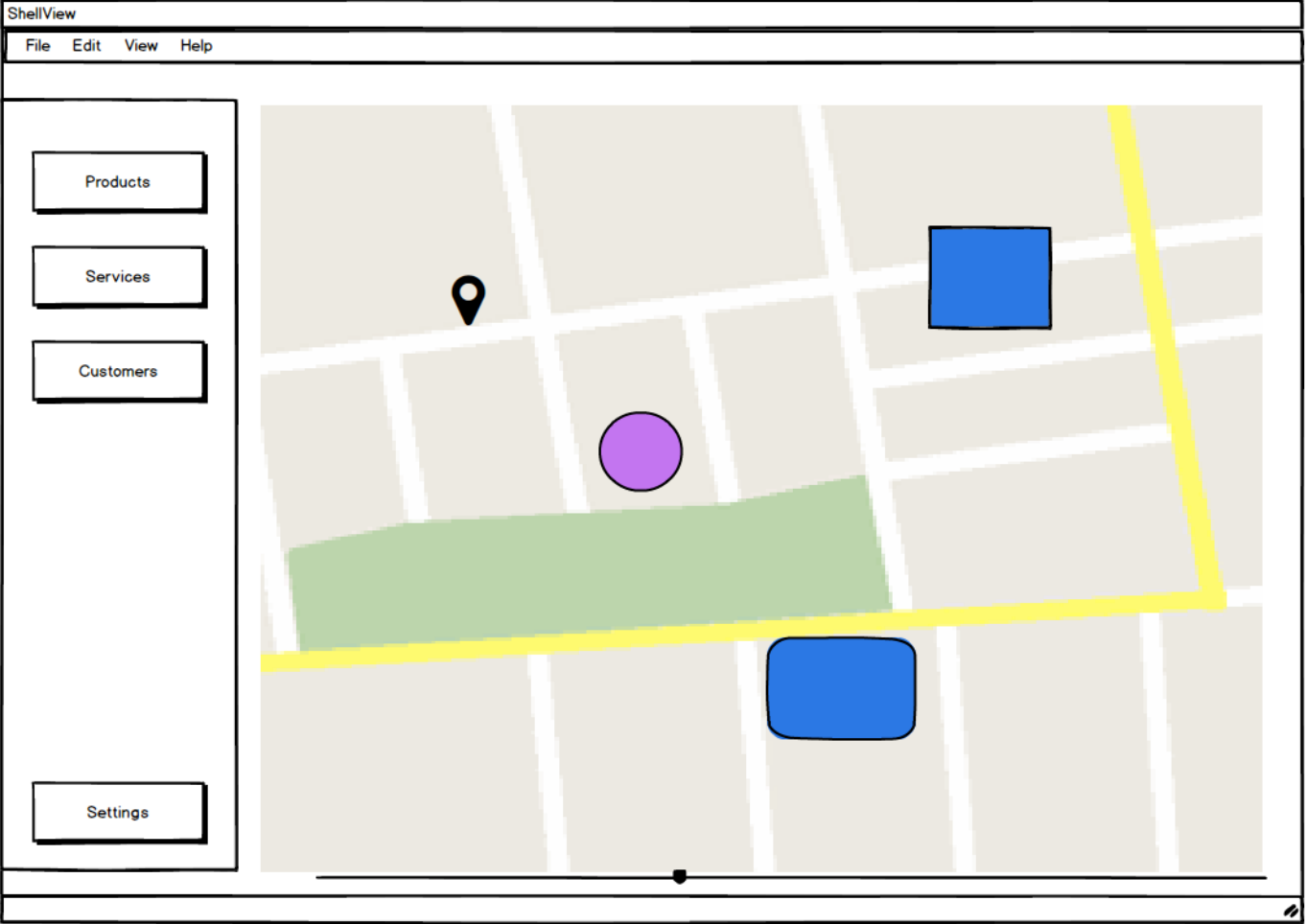

$$\underbrace{\text{XML}}_{\text{Markups}} + \underbrace{\{ \}}_{\substack{\text{Markup} \\ \text{Extensions}}} = \text{XAML}$$



```
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

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.

Product 250 PLN

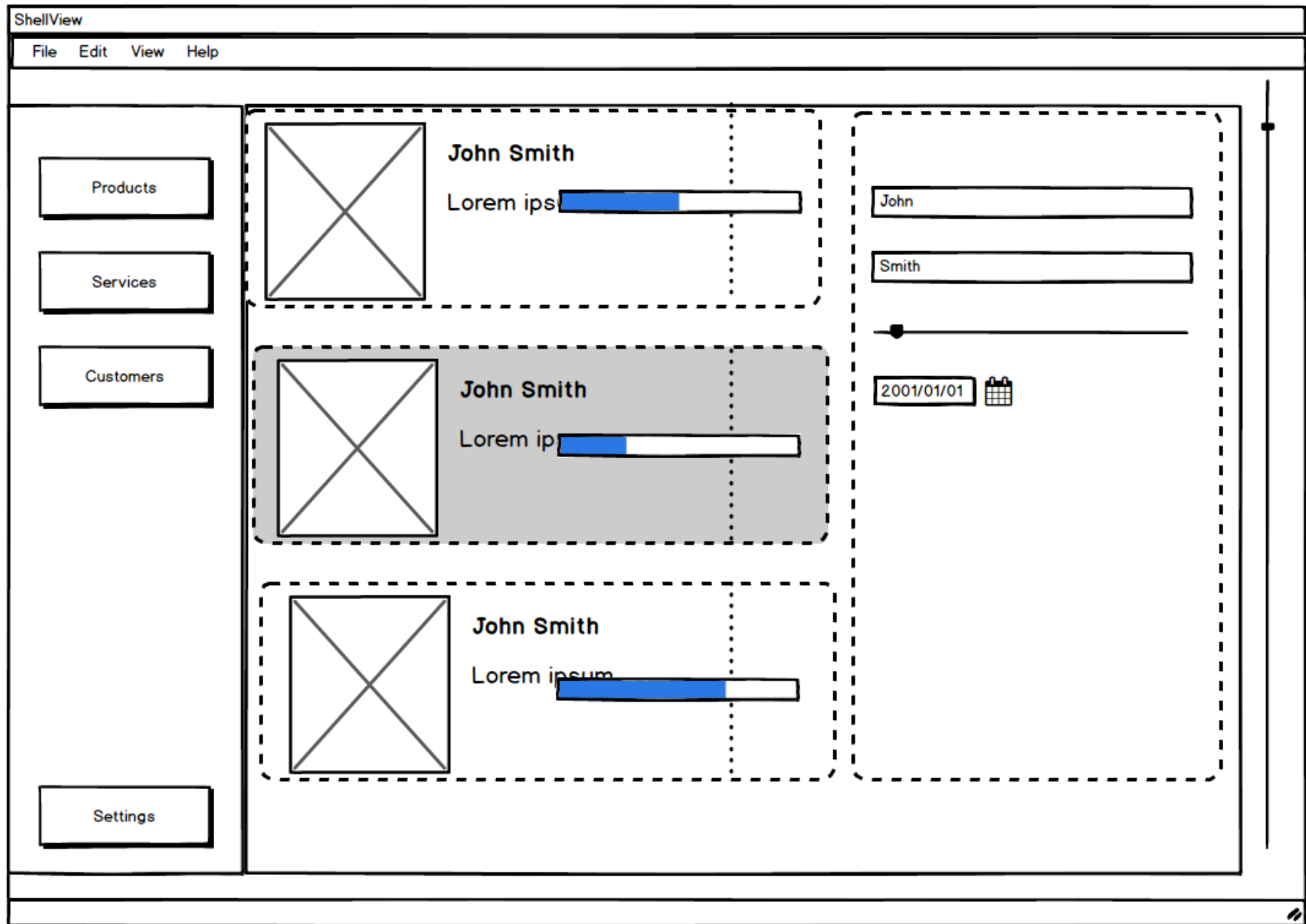
Is Discount

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.

Product 3250 PLN

Is Discount

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.



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

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.

Product 3 250 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.

200 px

ShellView

File Edit View Help



Products

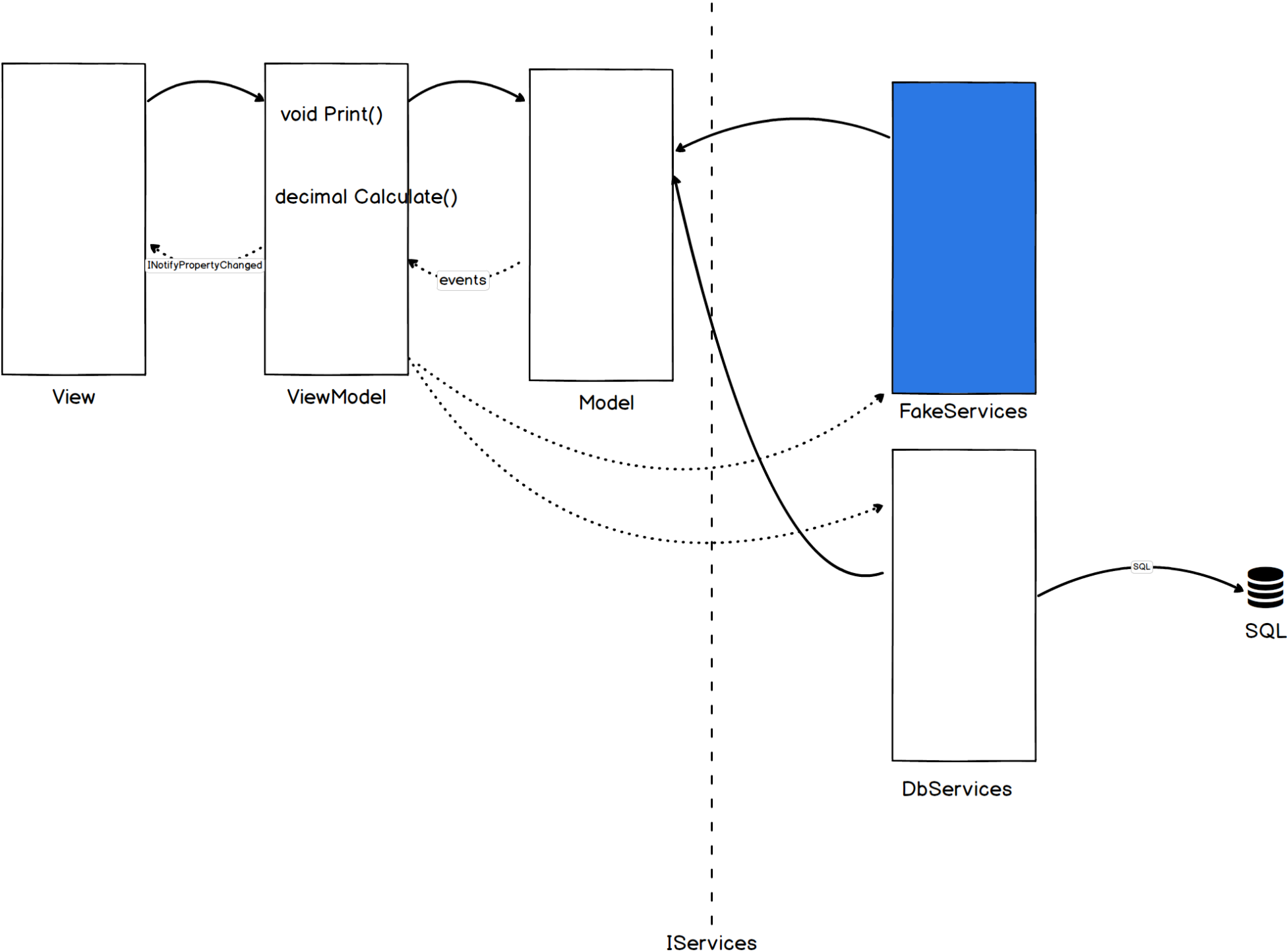
Services

Settings

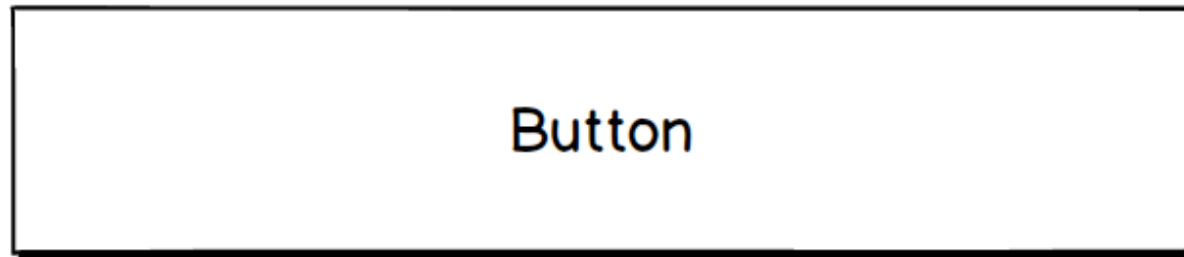
ProductsView.xaml



MVVM



Dependency Object



Button

GetValue()

SetValue()

Dependency Property

Register



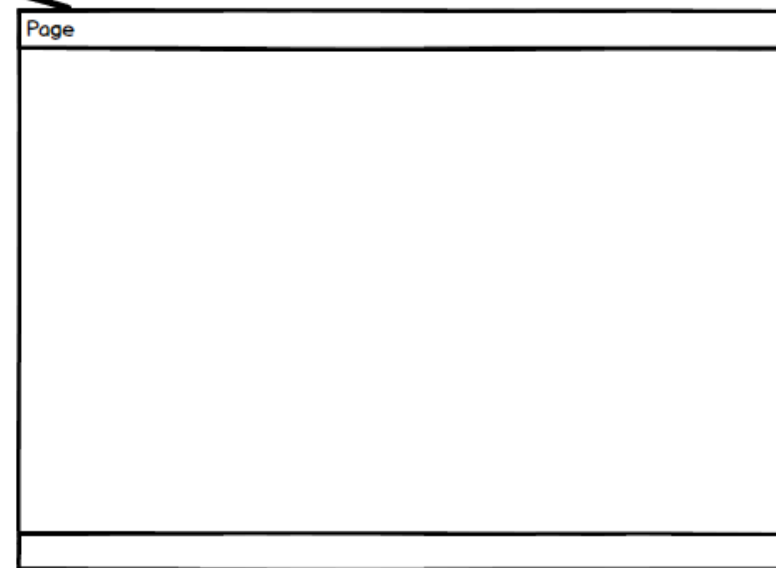
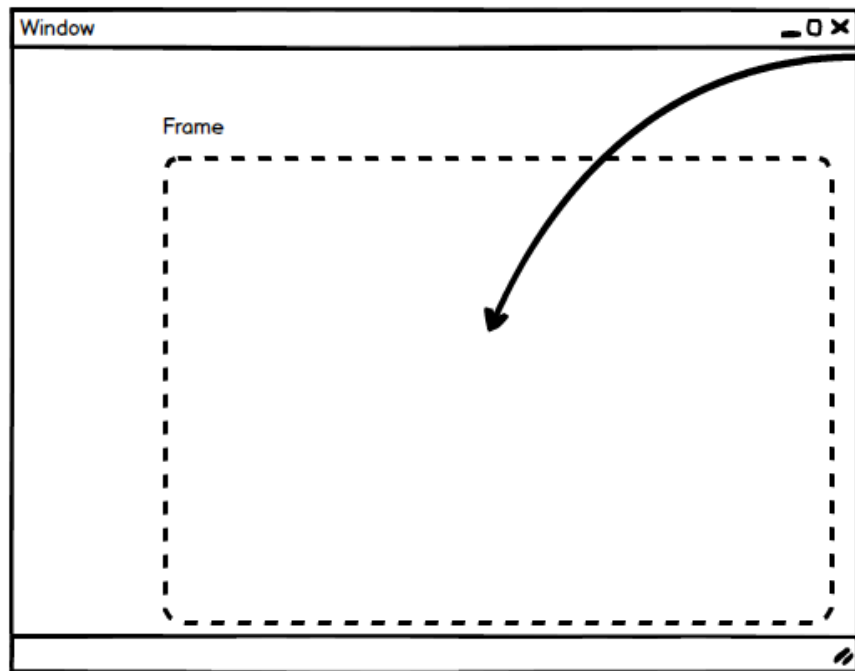
.Background =



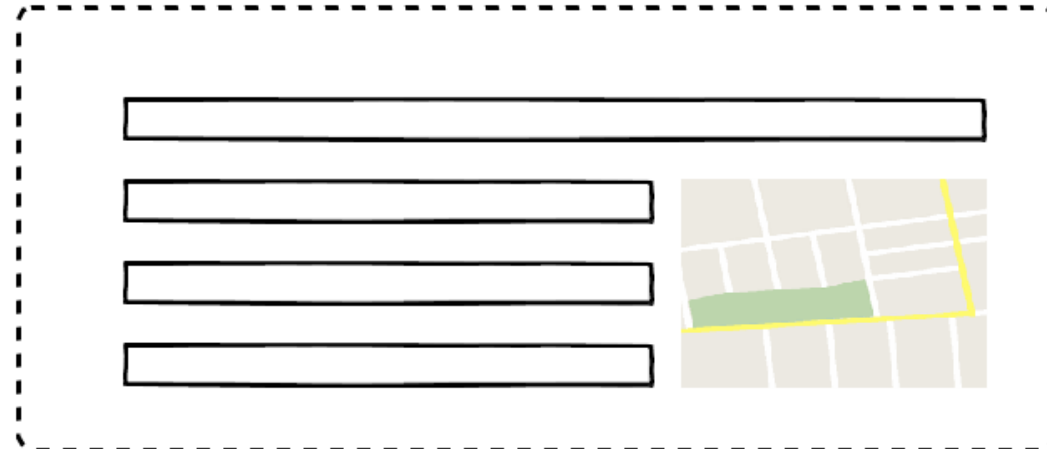
Style

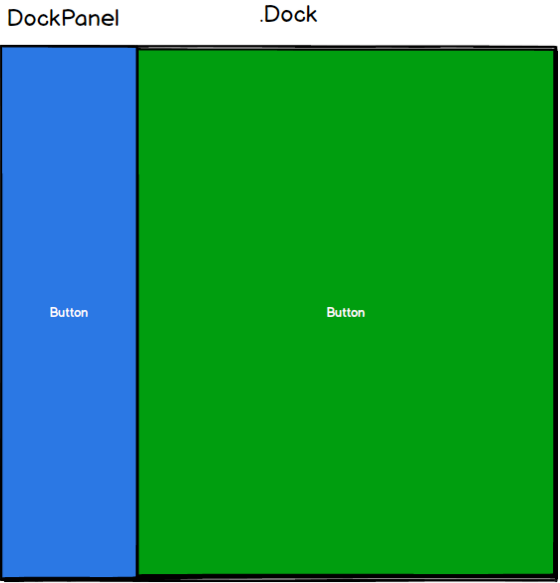
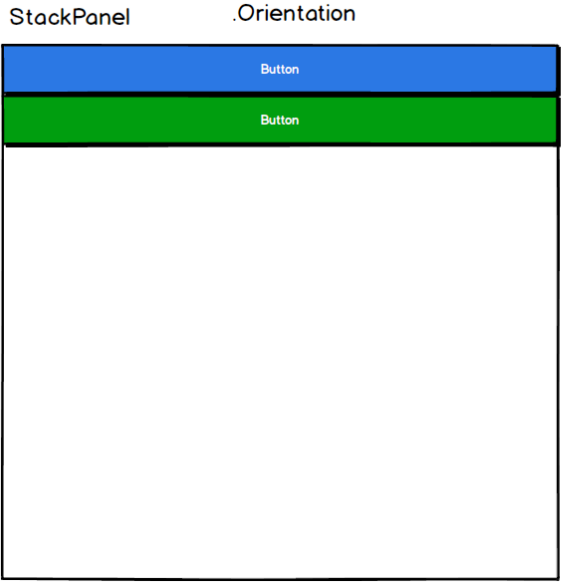
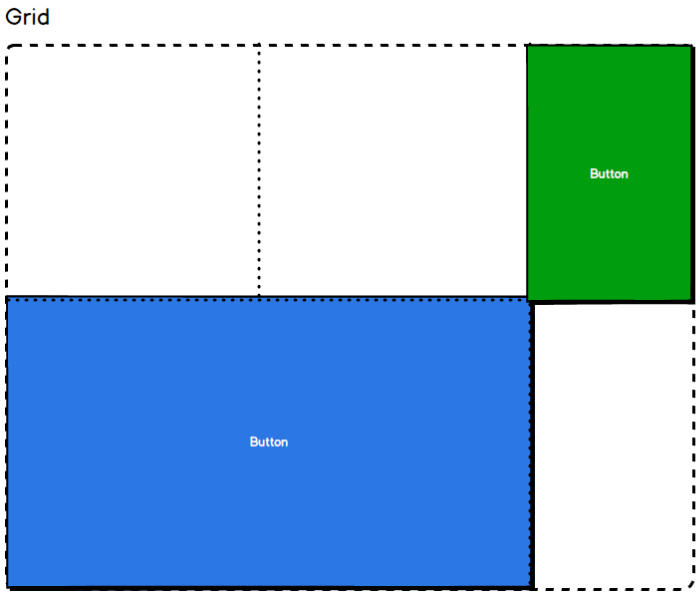


Key	Value
ProductsViewModel	ProductsViewModel
IProductService	FakeProductService
Faker<Product>	ProductFaker
ProductViewModel	ProductViewModel



UserControl





Views

ViewModels

FakeServices

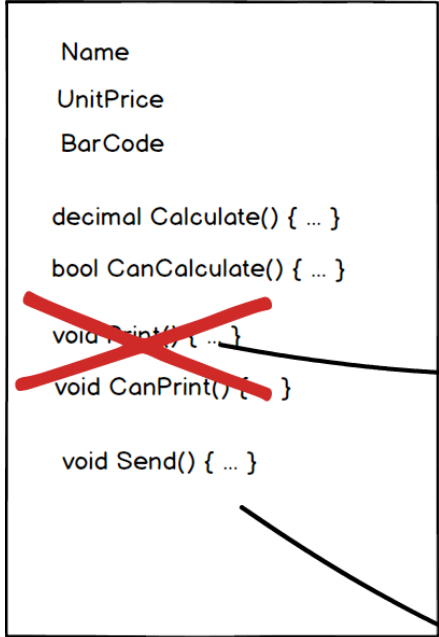
DbServices

IServices

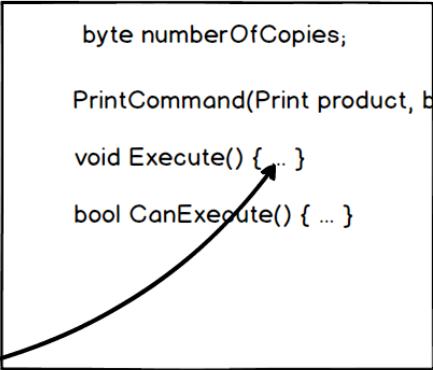
Models



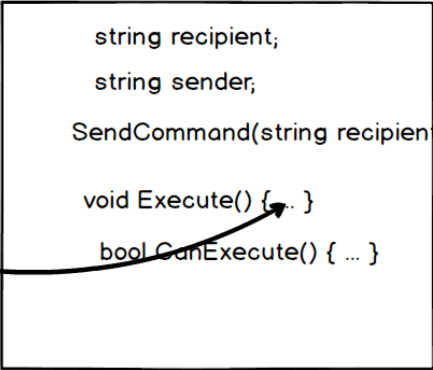
Product



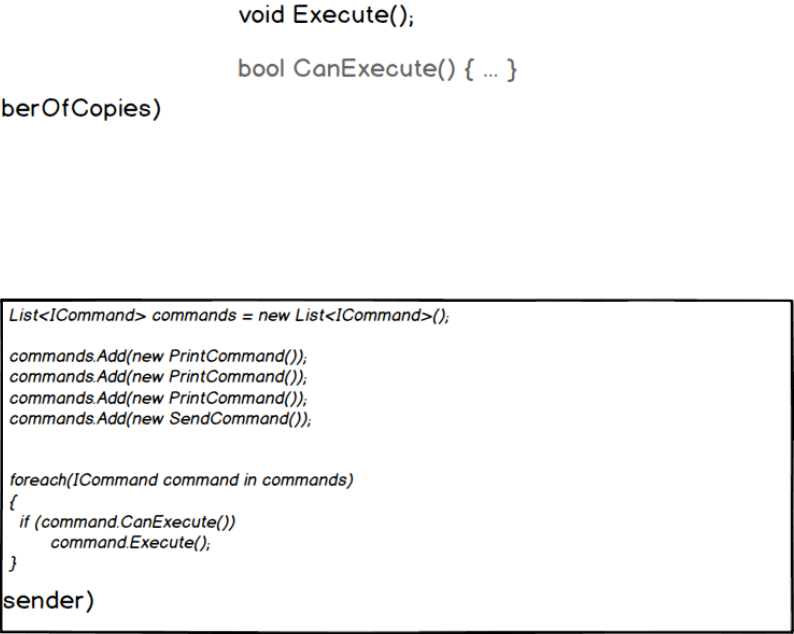
class PrintCommand



class SendCommand



interface ICommand

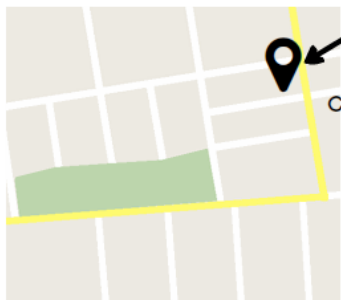


Imię

John

Nazwisko

2021-04-04



Coordinate { lat, lng }



Brush

Visibility = {Collapsed, Hidden }

Button

Customer

FirstName { get; set; }

LastName { get; set; }

DateTime Birthday { get; set; }

Progress { get; set; }

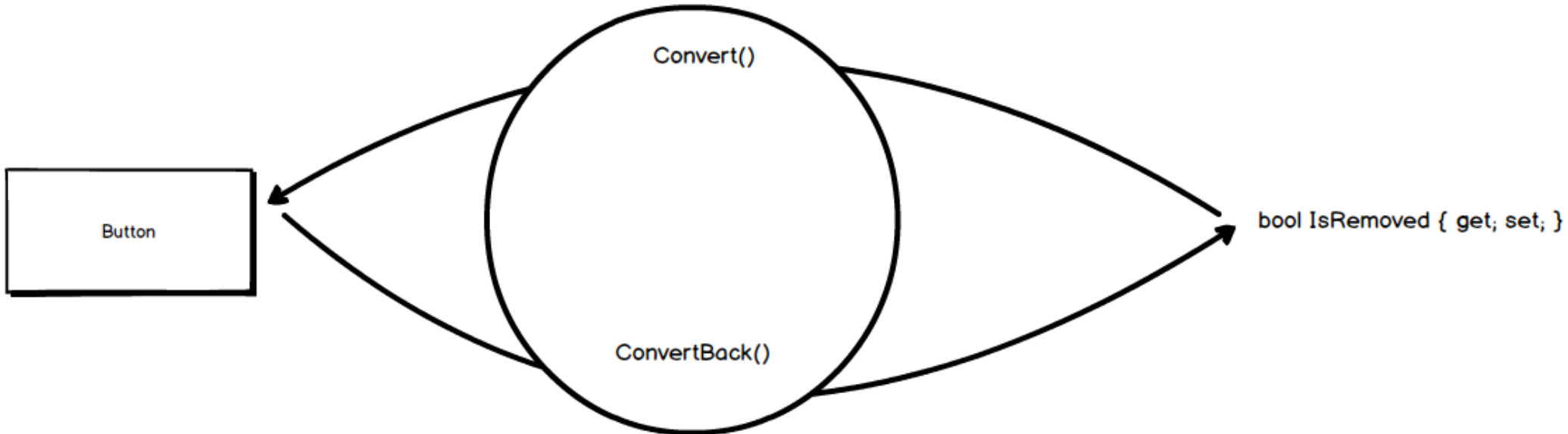
string Location { get; set; }

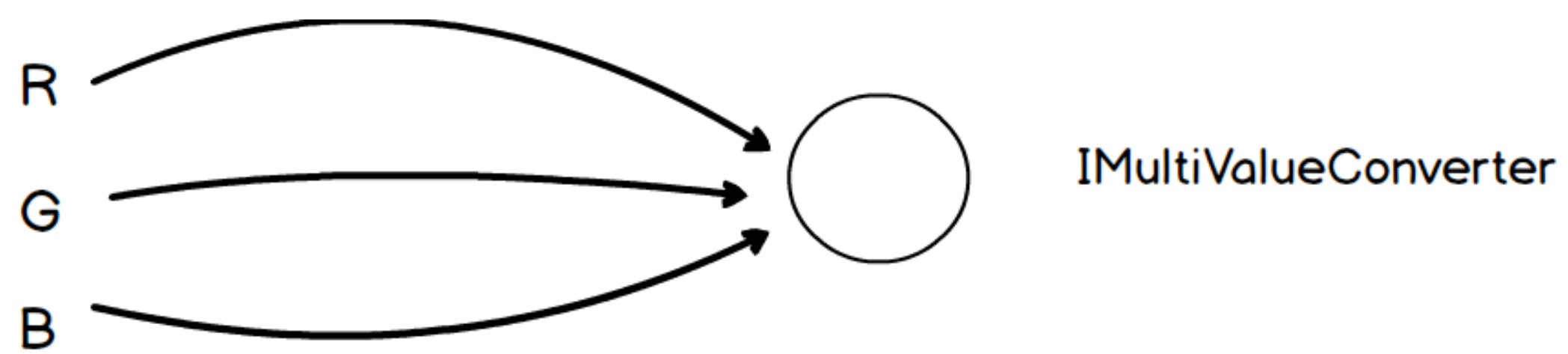
int EyeColor { get; set; }

bool IsRemoved { get; set; }

Visibility = {Hidden }

Visibility = {Collapsed }





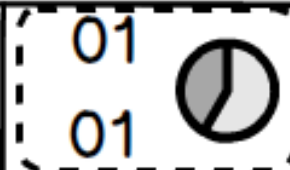
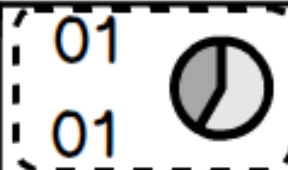
01

02

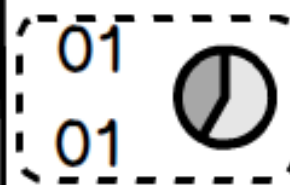
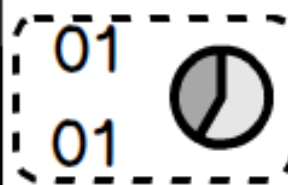
03

04

Wirnik



Łożyska



Stojan

Prądnica



141 km/h

ContentControl

.Content



Label

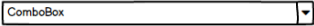
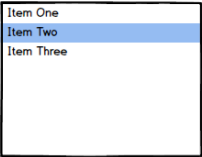
Control

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad



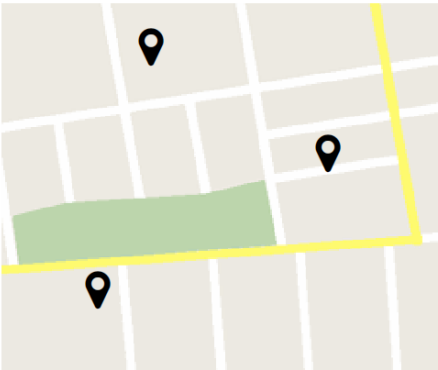
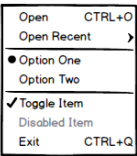
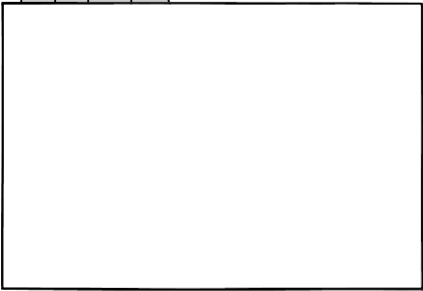
ItemsControl

.ItemsSource .ItemTemplate

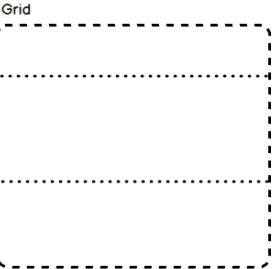


Name (job title)	Age	Nickname	Employee
Giacomo Guizzoni Founder & CEO	40	Peldi	@
Marco Botton Tuttofare	38		☑
Mariah MacLachlan Better Half	41	Potata	☐
Valerie Liberty Head Chef	35	Val	☑
Data Grid Docs			☐

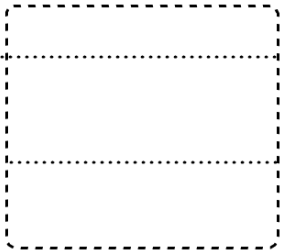
One Two Three Four



Panel (LayoutControl)

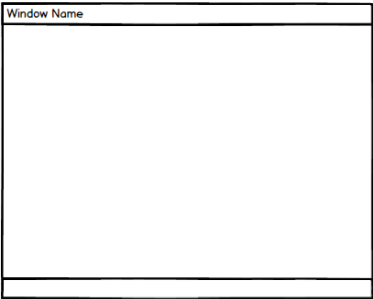
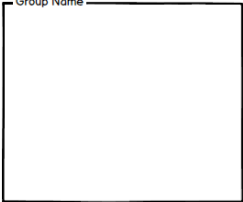


StackPanel



HeaderContentControl

Group Name



Shape

.Geometry

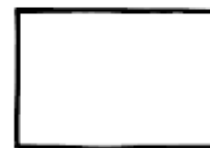


Geometry

Rectangle



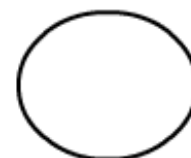
RectangleGeometry



Ellipse



EllipseGeometry



Path

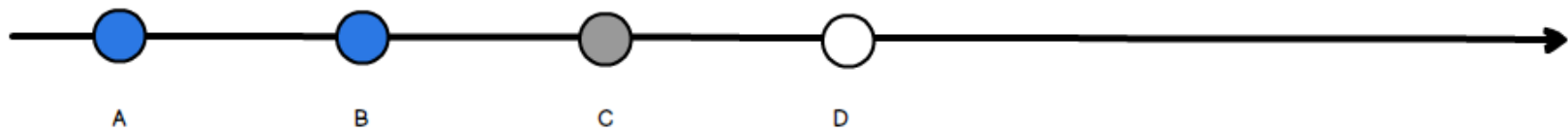
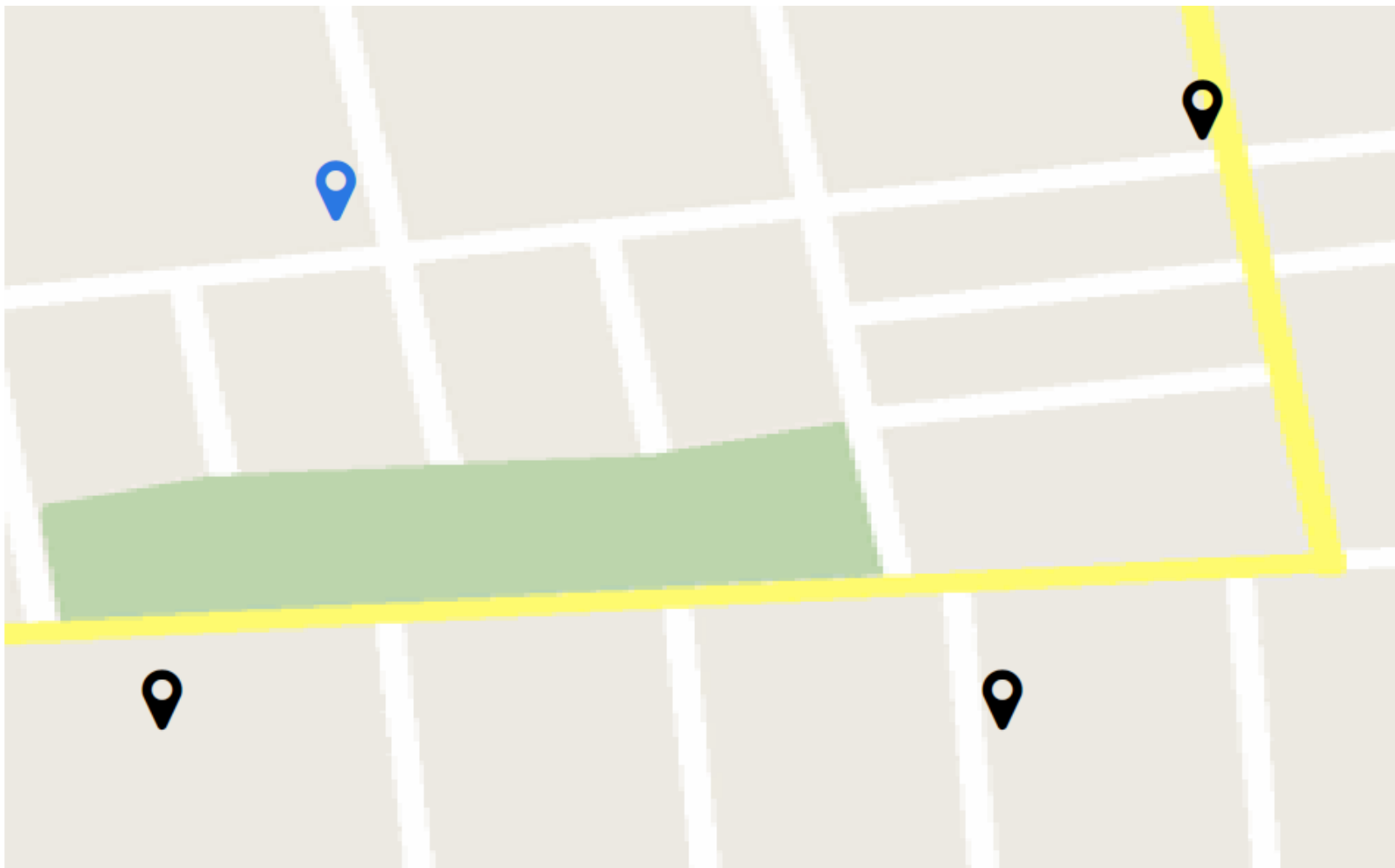
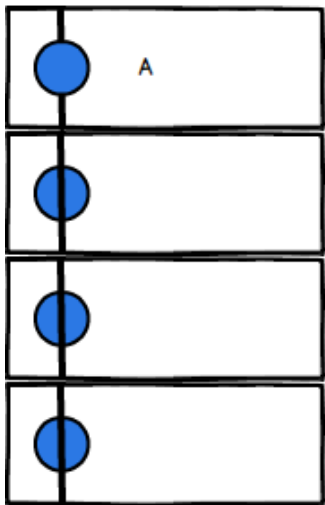
PathGeometry

Polygon

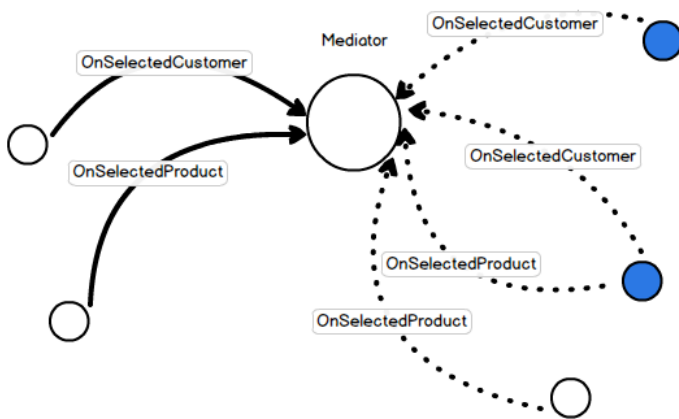
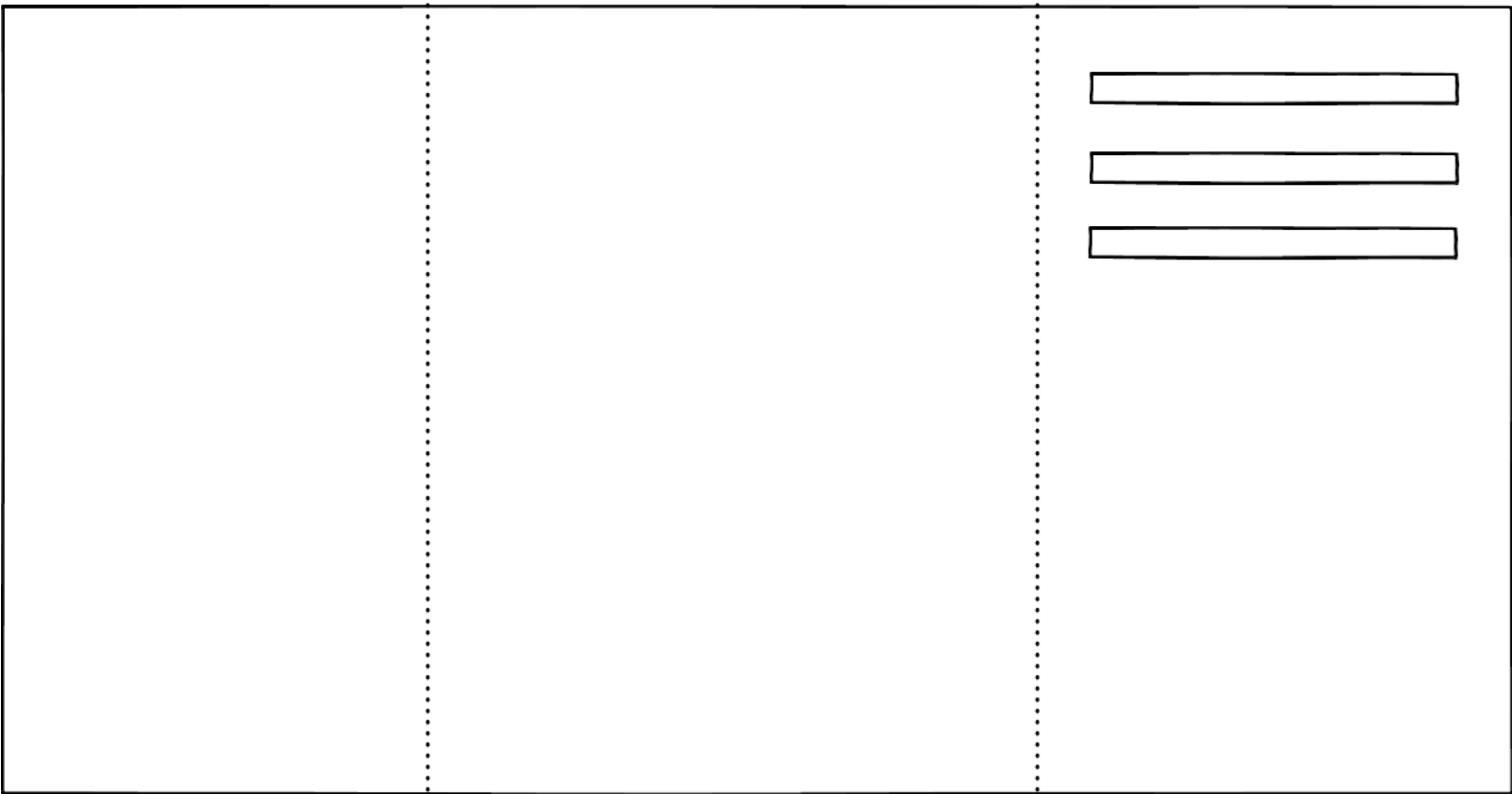
PolygonGeometry

Line

PolyLine



EventAggregator



CustomerViewModel
List<Country>



CountriesViewModel(ICountryService)

Window

Grid DataContext = "A"

StackPanel

StackPanel

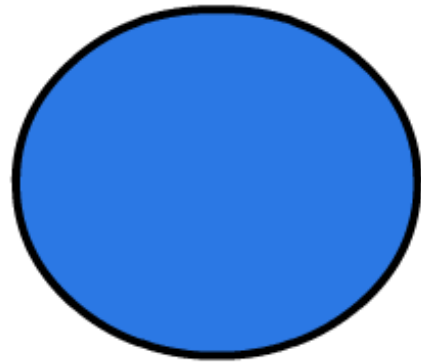
StackPanel

DataContext = "Selected.HomeAdress"

DataContext = "Selected.WorkAdress"

Polska

Poznań



AdornerLayer



AdornerLayer.GetAdornerLayer(Btn)





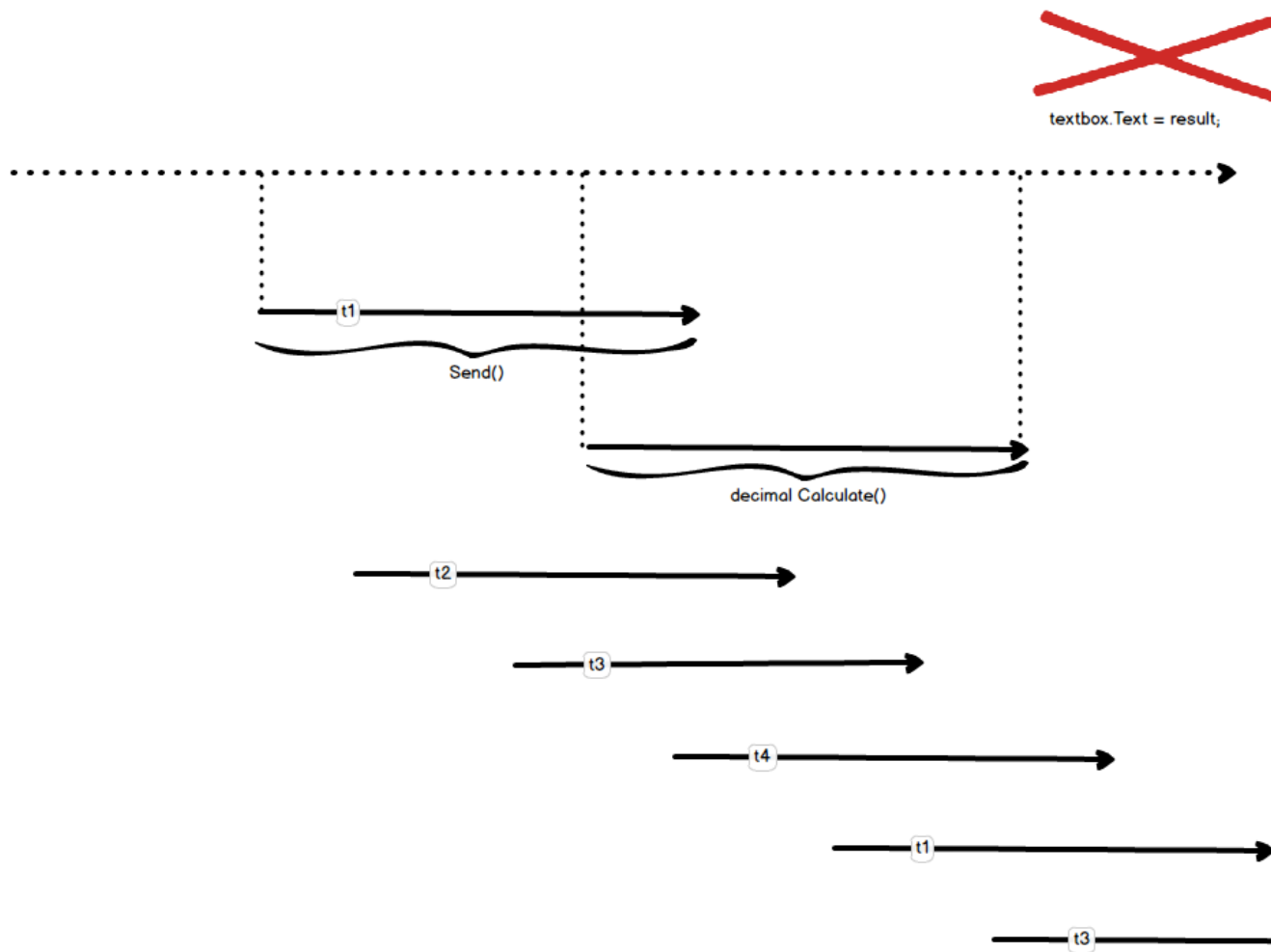
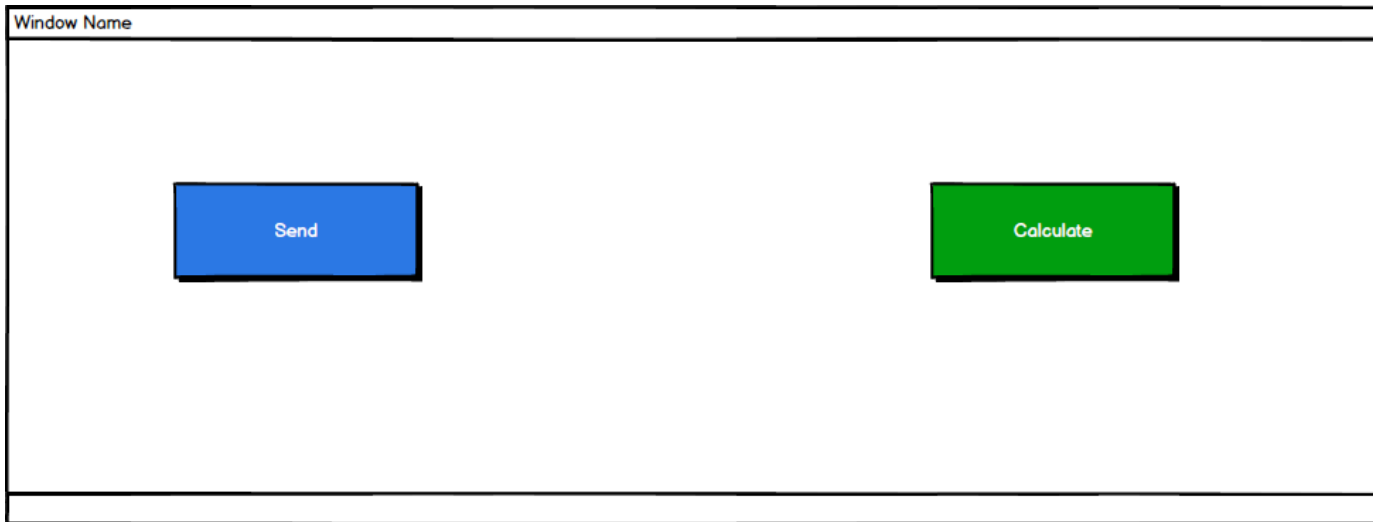
Some text



Some text



Some text



Thread / ThreadPool

Task

Task<TResult>
.ContinueWith()

async - await