

XAML

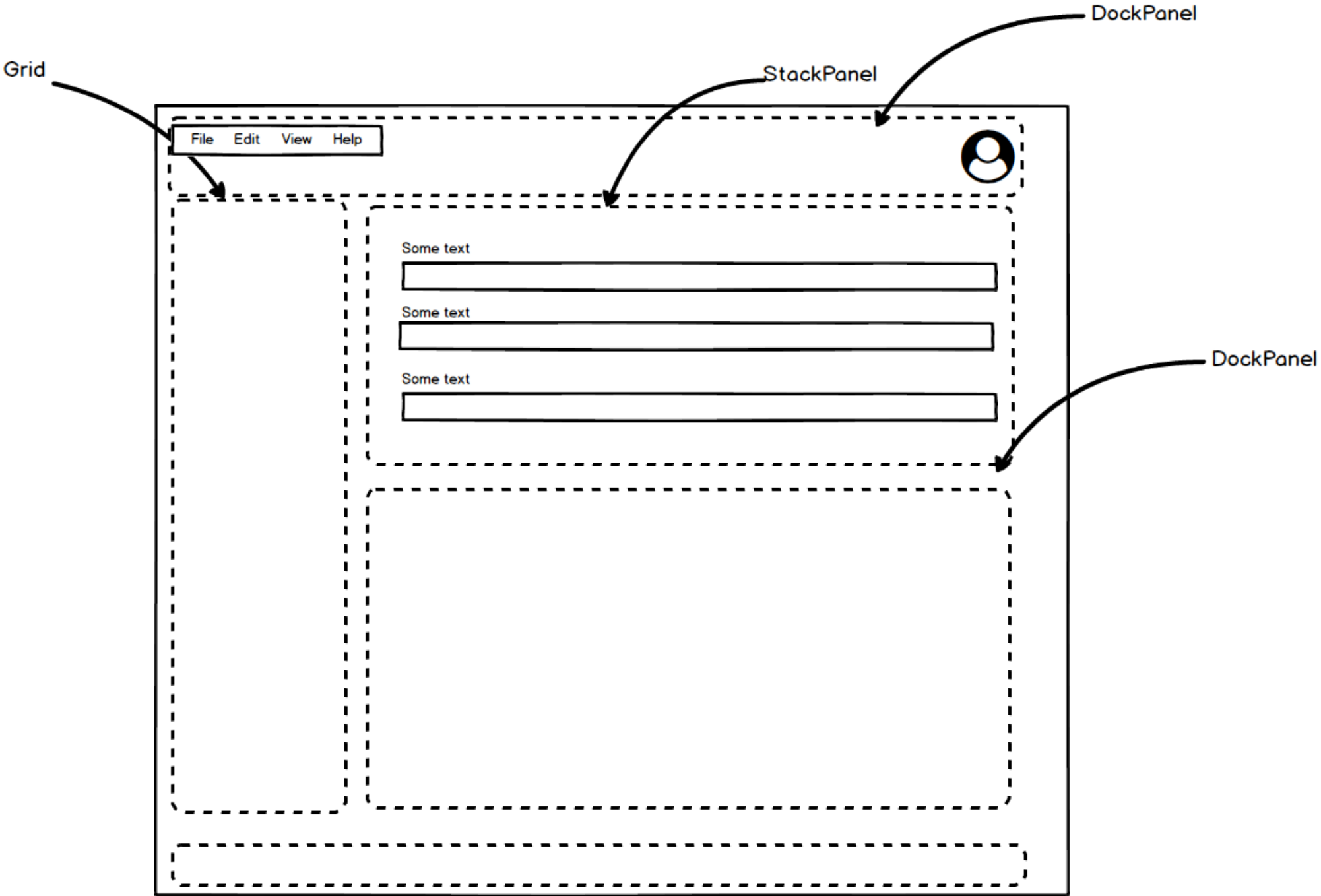
```
<Window>

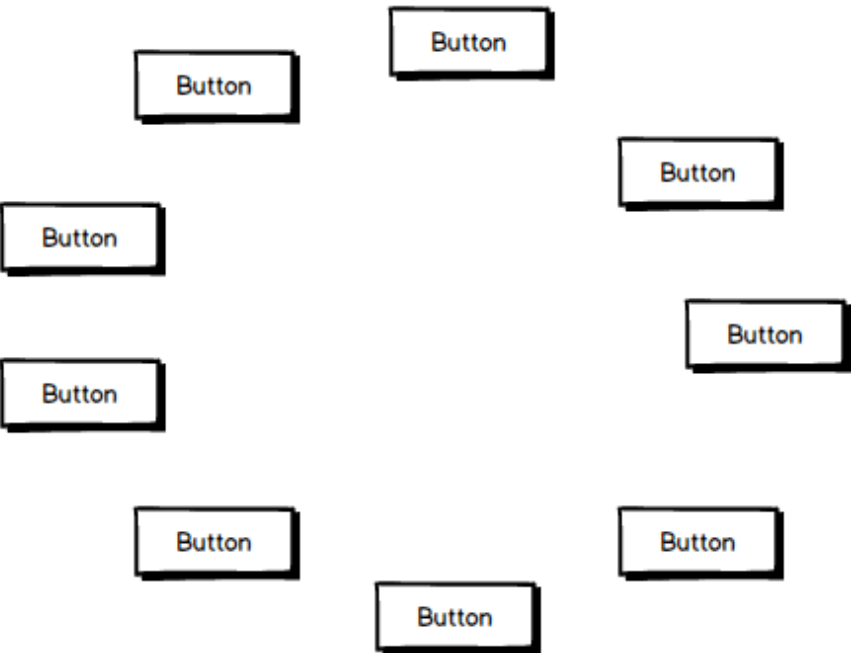
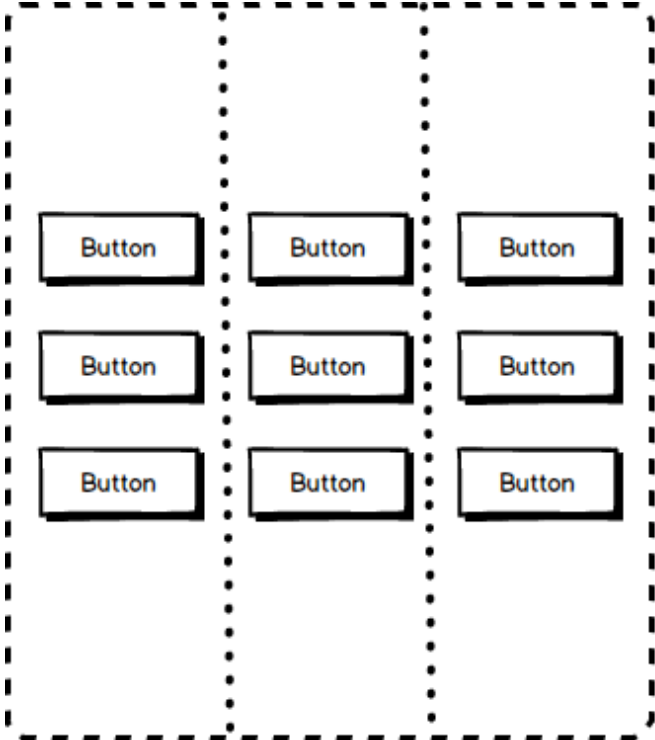
  <Grid>
    <Button Title="Hello" />
  </Grid>

</Window>
```

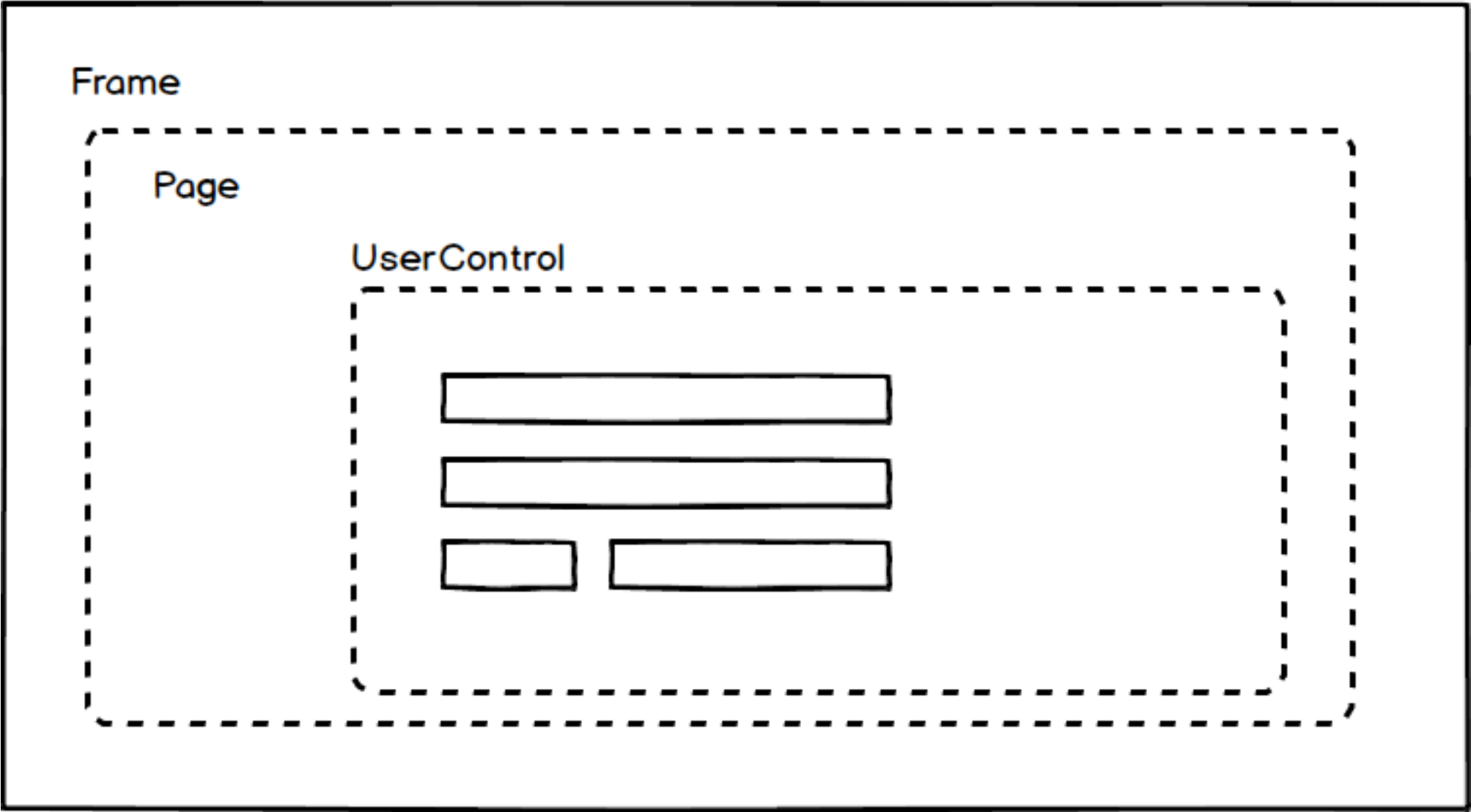
```
Window window1 = new Windows() { Title = "Hello Title" };
Grid grid1 = new Grid();
grid1.Children.Add(new Button());
grid1.Children.Add(new Button());
grid1.Children.Add(new Button());
window1.Children.Add(grid1);
```

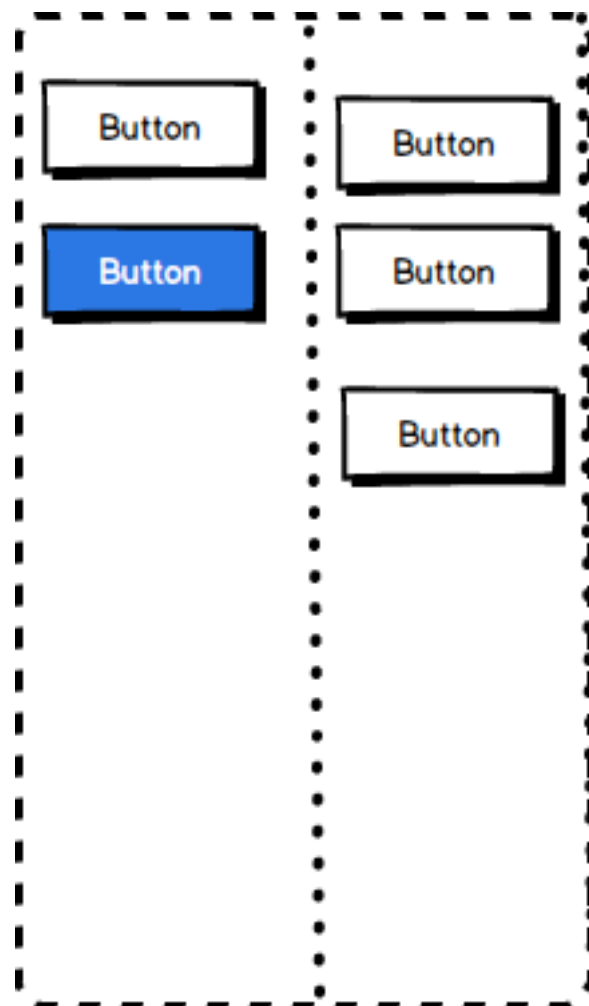
$$XAML = \underbrace{XML}_{\text{markup}} + \underbrace{\{ \}}_{\text{markup extensions}}$$



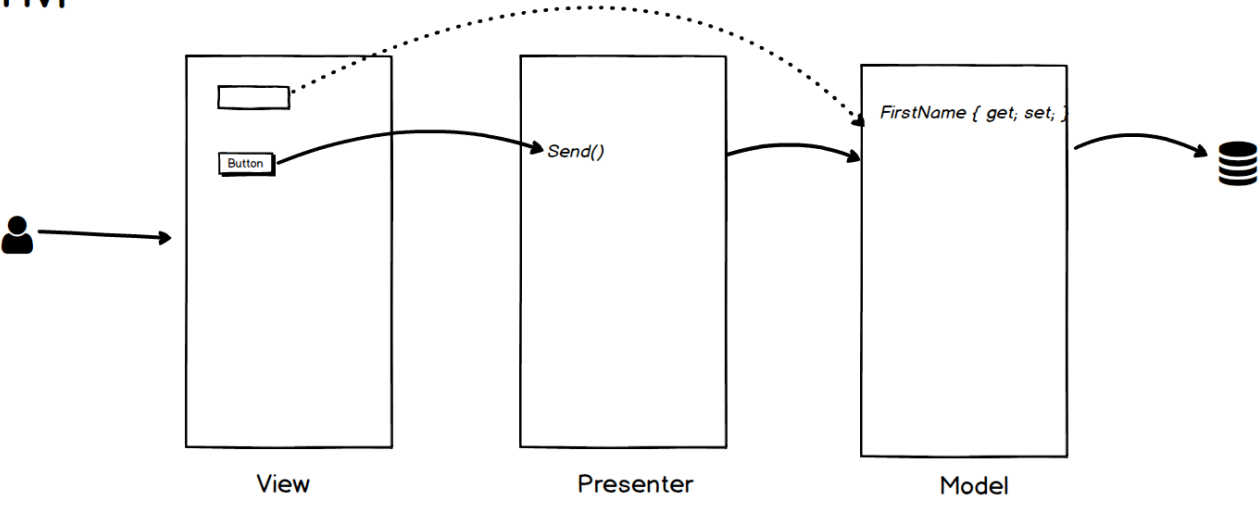


Window

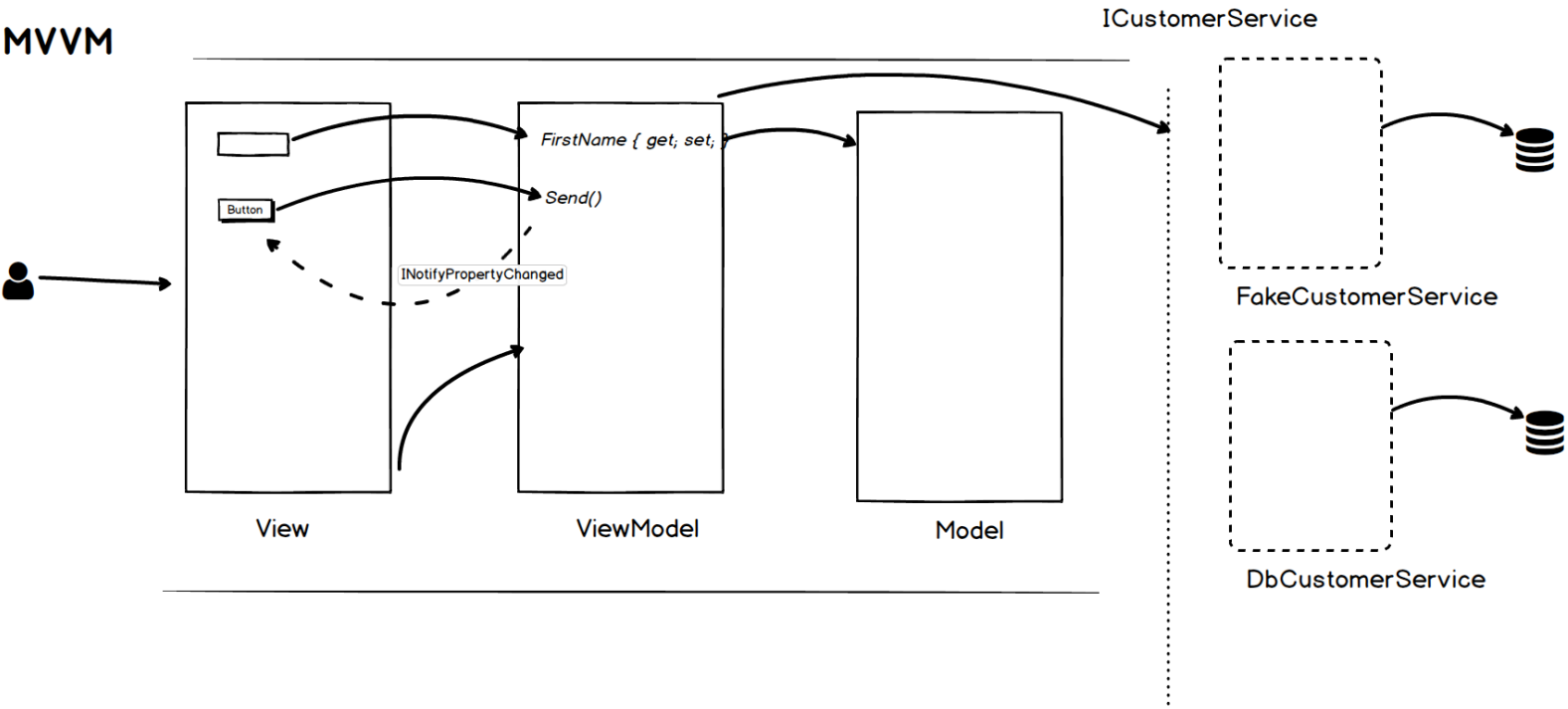




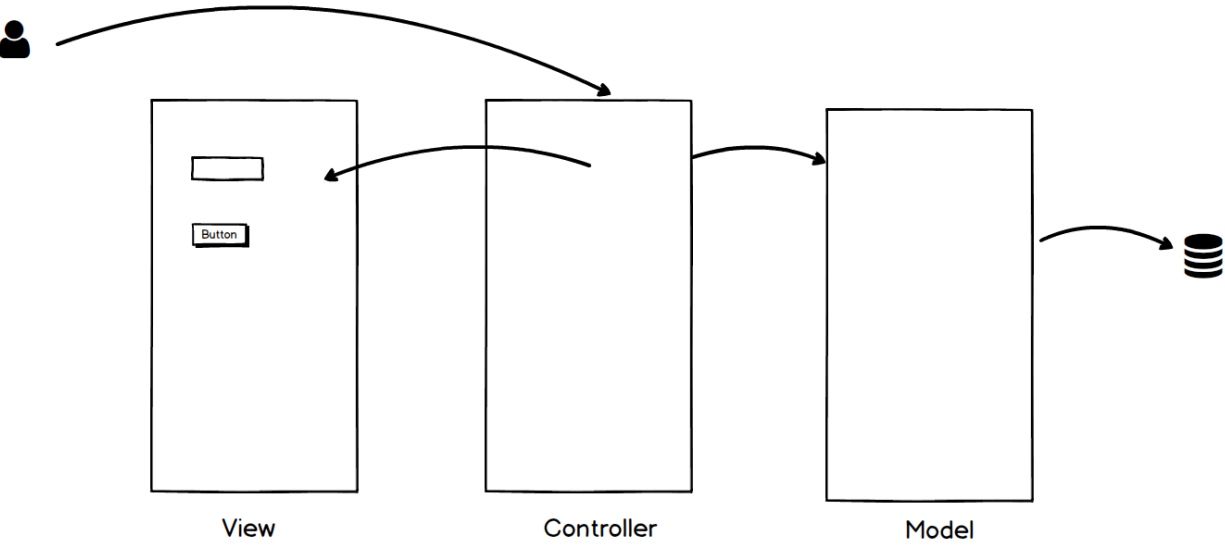
MVP



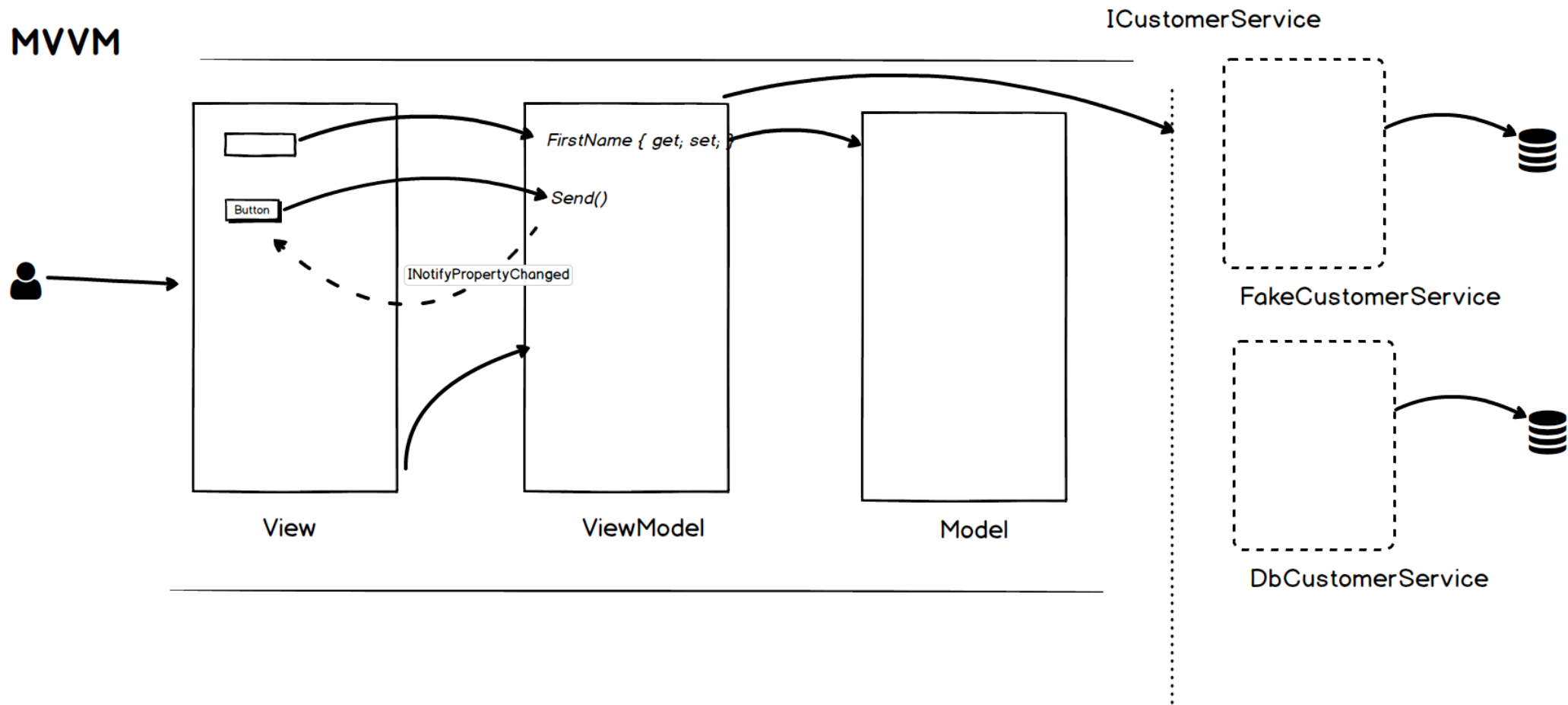
MVVM



MVC



MVVM



Window Name

FirstName
Marcin

LastName

Blue

Save

Customer

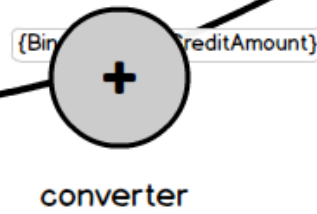
FirstName

LastName

CreditAmount

Lat

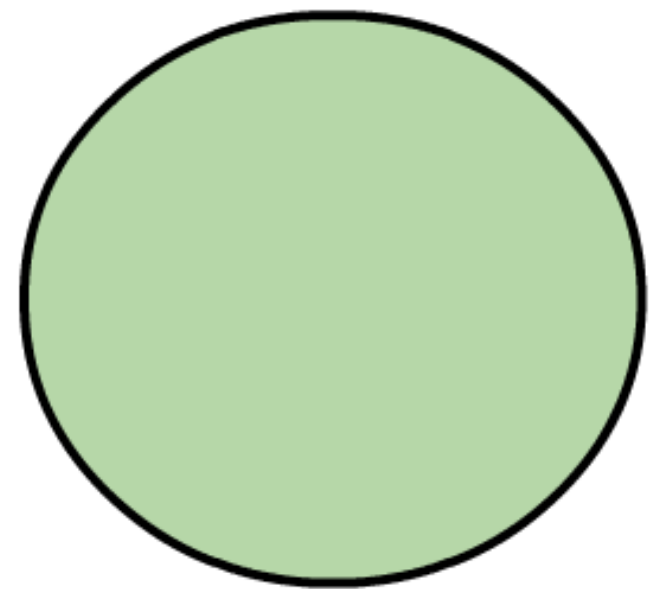
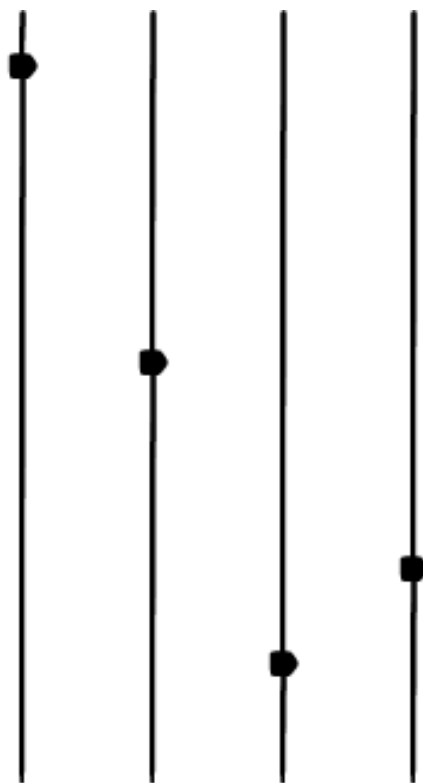
Lng



INotifyPropertyChanged.PropertyChanged("FirstName")

customer.FirstName = "John";

TextBox1.Text = customer.FirstName;



<Ellipse Fill = {Binding Color} />

Window Name

FirstName

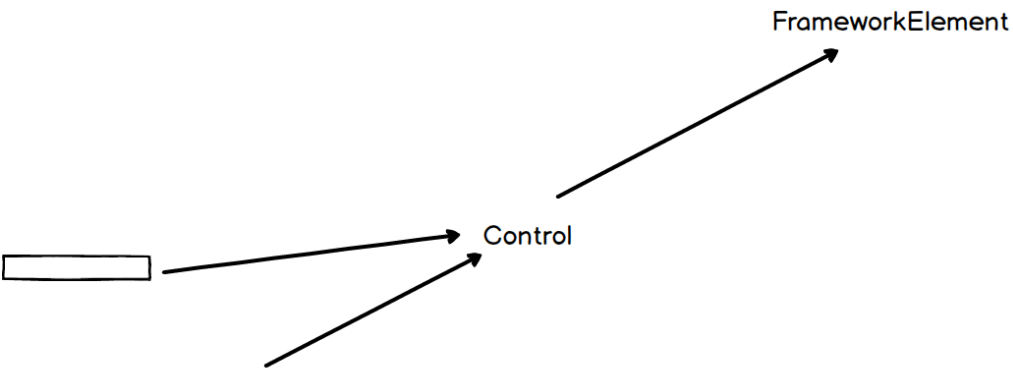
Marcin

LastName

Save

52.43 21.03

Send

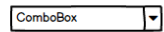
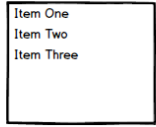
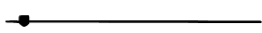


ContentControl
.Content

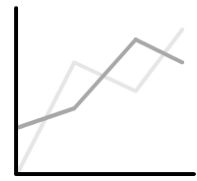
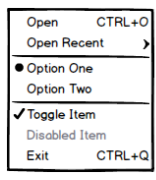
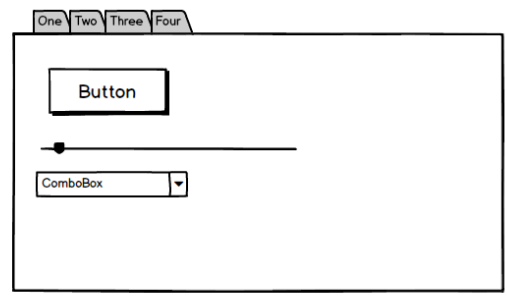
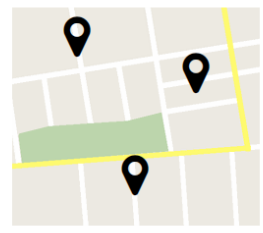
ItemsControl
.ItemsSource
.ItemTemplate

Panel (LayoutControl)

Label



Name (job title)	Age	Nickname	Employee
Giacomo Gulizzoni Founder & CEO	40	Peldi	<input type="radio"/>
Marco Botton Tuttofare	38		<input checked="" type="checkbox"/>
Mariah Maclochlan Better Half	41	Potata	<input type="checkbox"/>
Valerie Liberty Head Chef	:)	Val	<input checked="" type="checkbox"/>
Data Grid Docs			<input type="checkbox"/>



Customers

Orders

Name (job title) ▲	Age ▼	Nickname	Employee ▼
Giacomo Guilizzoni Founder & CEO	40	Peldi	☉
Marco Botton Tuttofare	38		☑
Mariah MacLachlan Better Half	41	Patata	☐
Valerie Liberty Head Chef	:)	Val	☑
Data Grid Docs			☐

Some text

Some text

Some text

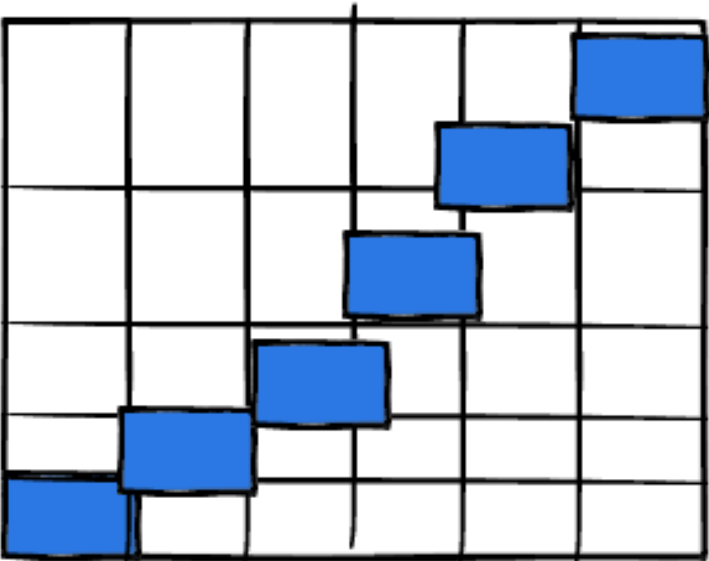
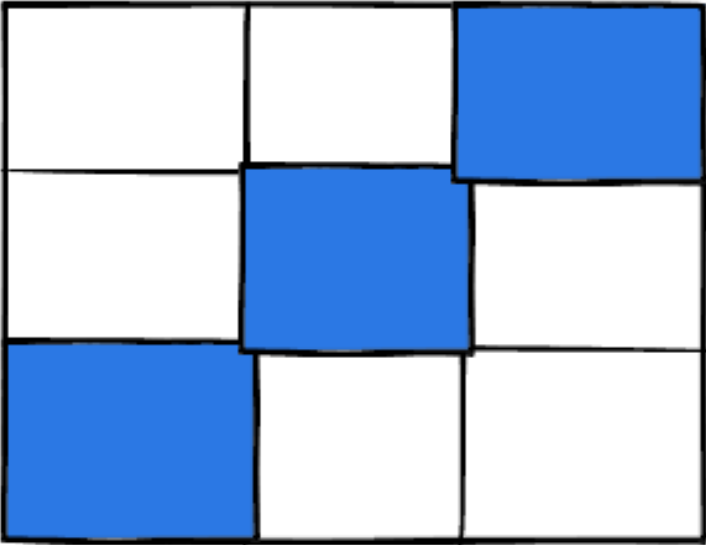
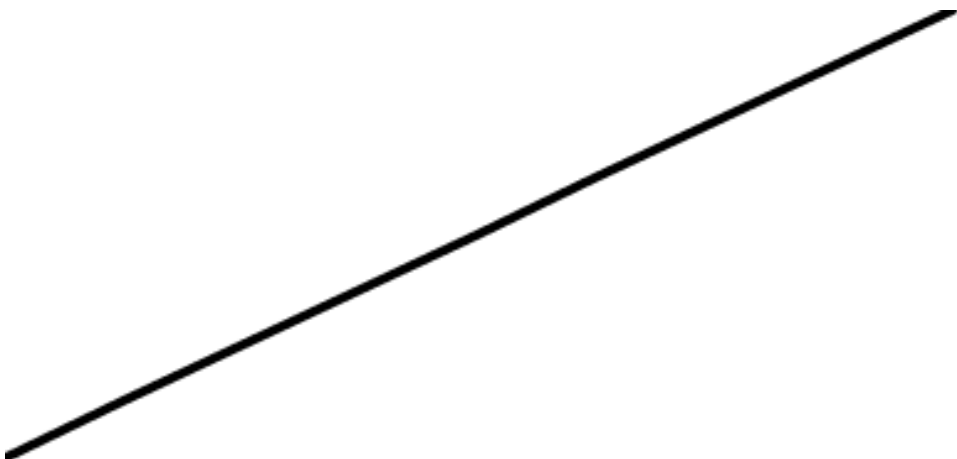


database



memory





Customers

Orders

Name (job title) ▲	Age ◆	Nickname	Employee ▼
Giacomo Guilizzoni Founder & CEO	40	Peldi	<input type="radio"/>
Marco Botton Tuttofare	38		<input checked="" type="checkbox"/>
Mariah MacLachlan Better Half	41	Patata	<input type="checkbox"/>
Valerie Liberty Head Chef	:)	Val	<input checked="" type="checkbox"/>
Data Grid Docs			<input type="checkbox"/>

Some text

Some text

Some text

