Introduction to UIKit

Part 1 – UI Component Objects Part 1

Today's Agenda

UIView
UILabel
UIImageView
UITextField
UIButton
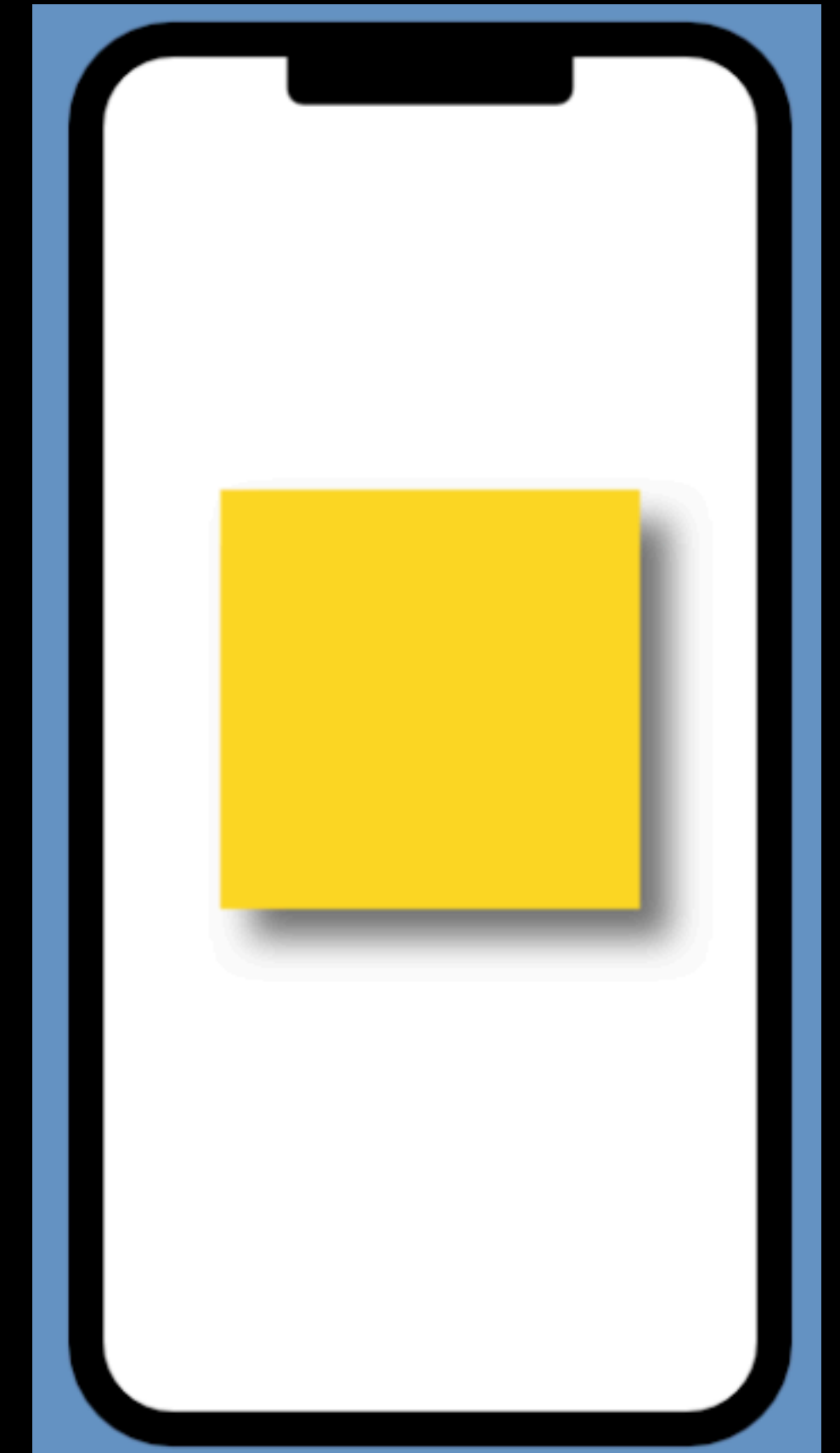**UISwitch**
UISegmentedControl
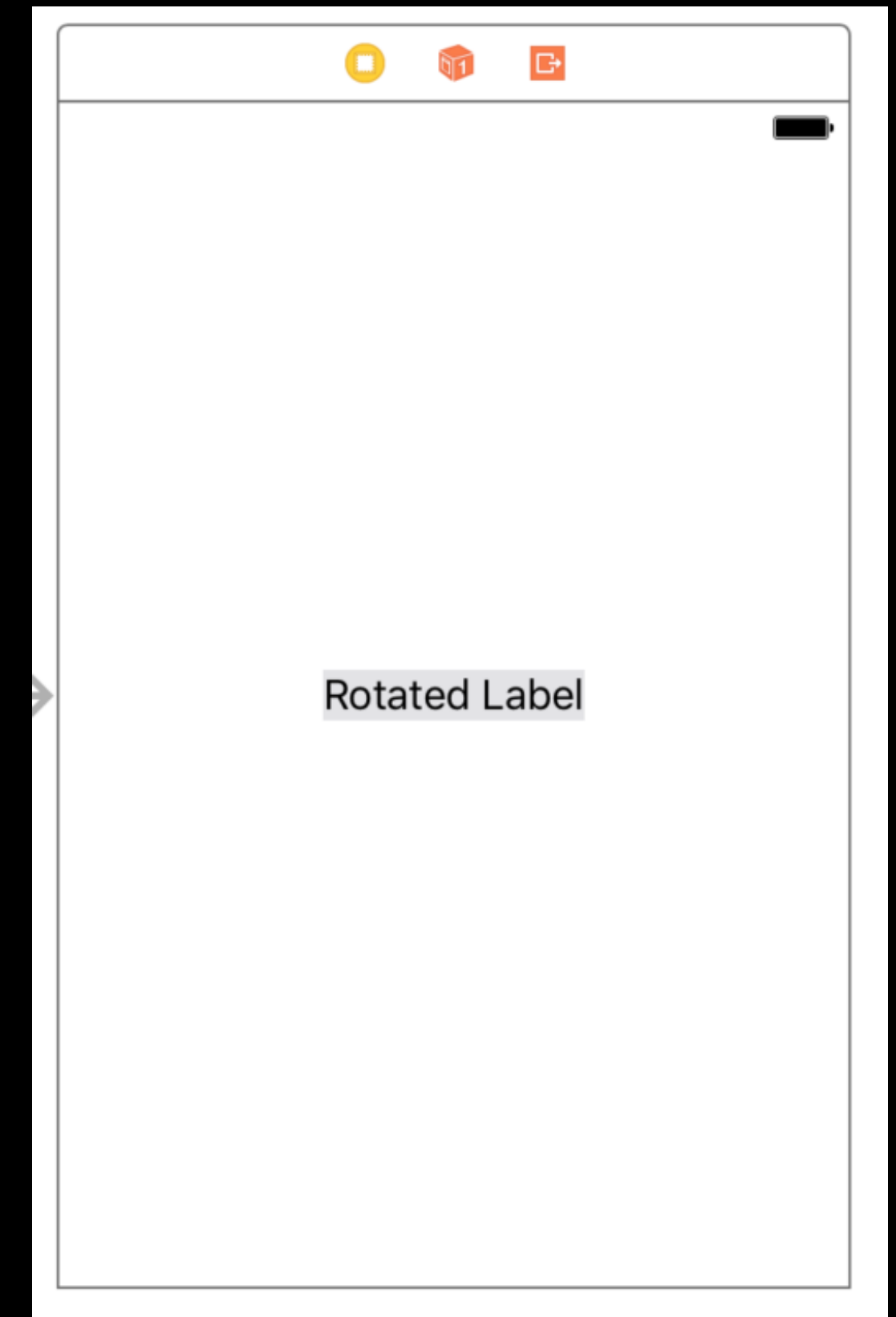**UIStepper**

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UIKit Objects

UIView

- Container that wrap another component inside of it

- Usually o separate part of component(s) *(eg. UIView for background and UIView for login component such as Email and Password field)*

- If you have component(s) inside of UIView, some cases you don't even need to give the Auto Constraint Layout
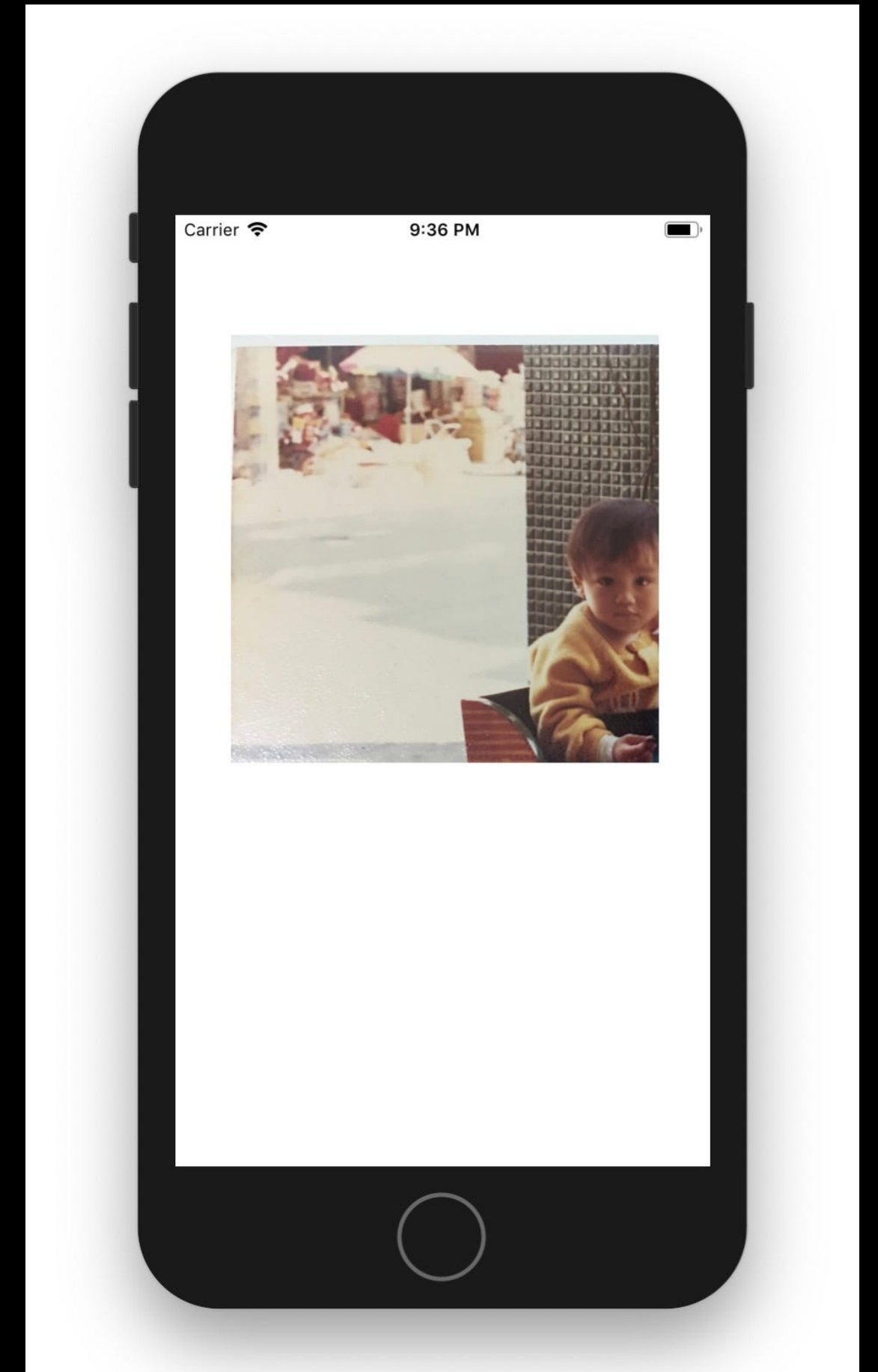
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UIKit Objects
UILabel

- To output a text

- To inform something to screen

- You can provide more than one line of text, using attributes inspector panel

Rotated Label

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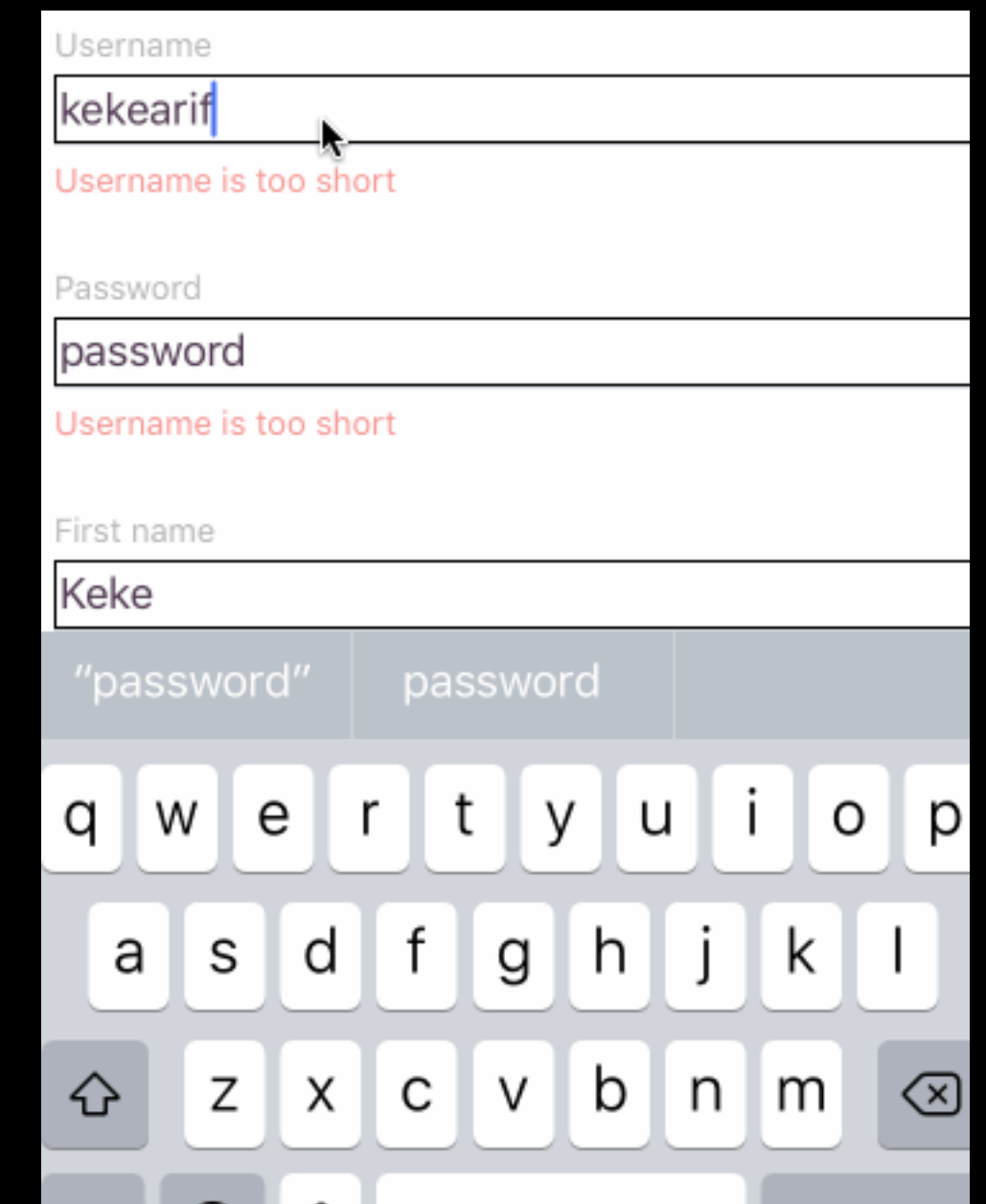
UIKit Objects
UIImageView

- To output an image

- Don't forget to set "Content Mode" and make sure the image is placed correctly
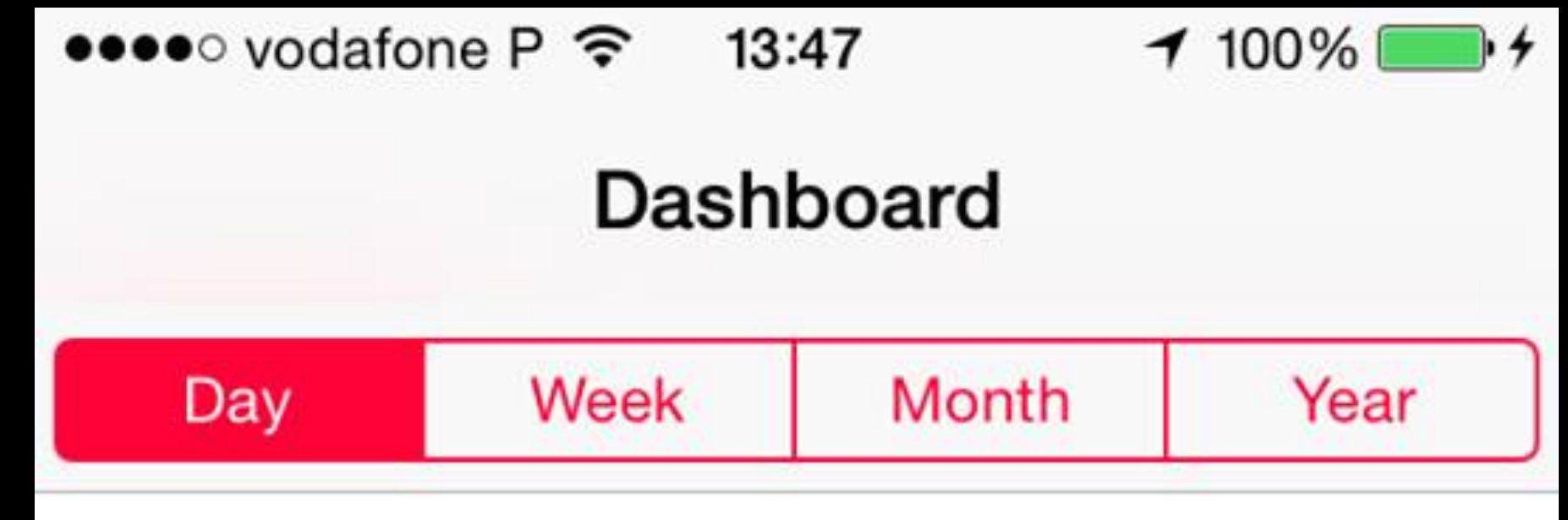
UIKit Objects
UITextField

- To make a field that user can type on it

- There are many things to modify text field behaviour using their modifier properties such as: capitalization, correction, keyboard type, dashes, etc

- Developer can set what default 'return' key such as: default with ABC keyboard, keypad, keypad with decimal, twitter, browser, etc

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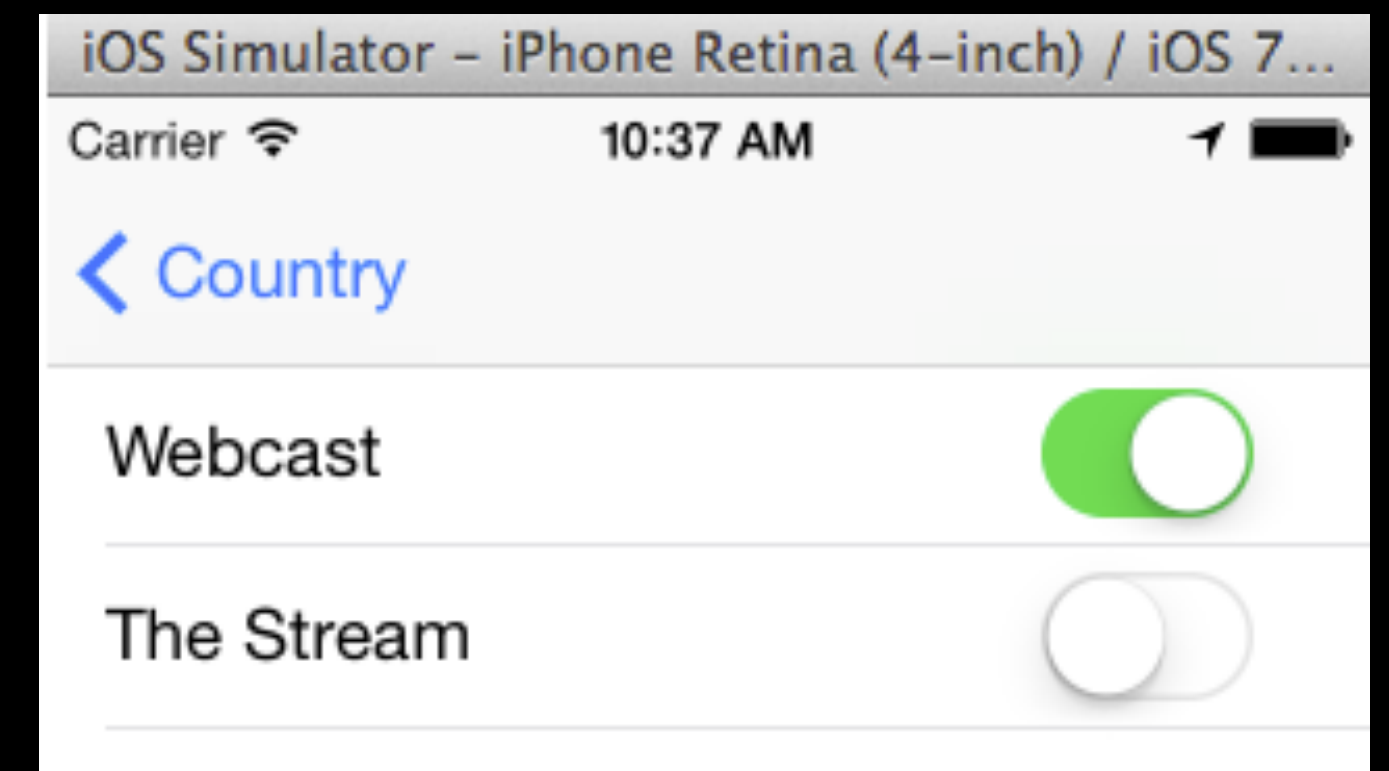
UIKit Objects
UISegmentedControl

- Use of segment control as filter such as by day/week, paid/free apps, direct difference between two items, etc

- Don't forget to set the default state value of segment control

- To handle segment changes, developer can use tag to represent selected segment
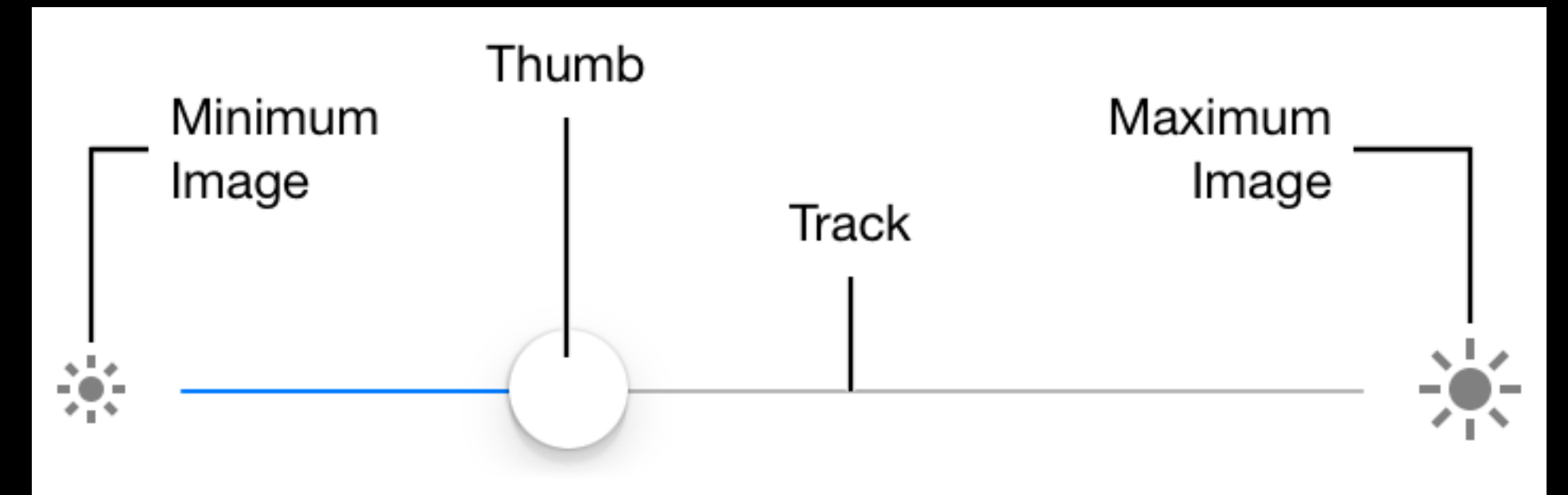
UIKit Objects
UISwitch

- Use UISwitch if you want to toggling on-off something

- Usually used in settings of your app

- Don't forget to set the default value

- Trigger the switch by using .isOn when implement on your code

- Another way to handle switch is by: 1 is on, 0 is off

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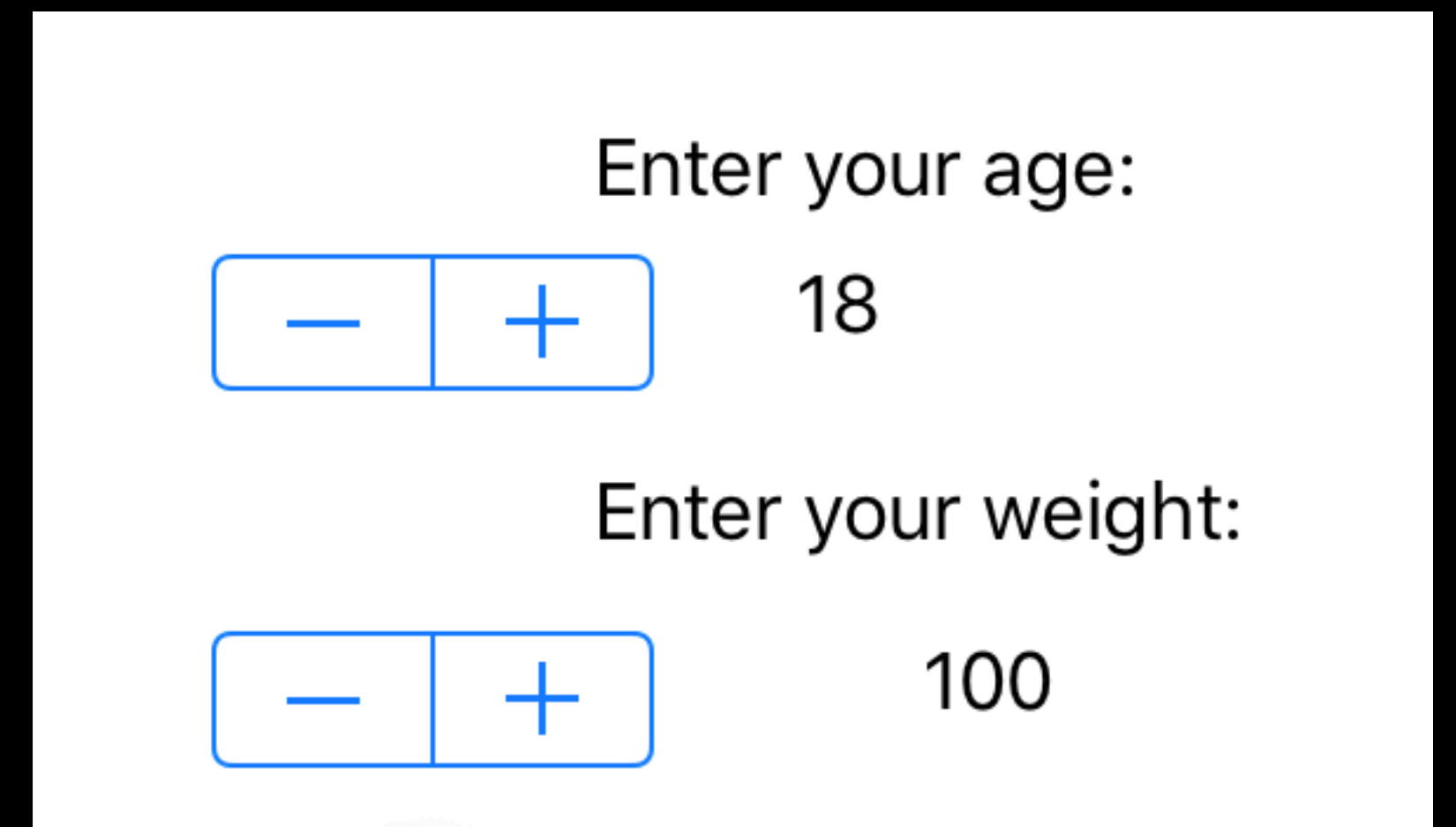
UIKit Objects
UISlider

- Use UISlider if you want to make a customisable value in accurate way (eg: size, volume, price, etc)

- Developer can use property modifiers to create custom view of UISlide (eg: minimum image, track default value, maximum image)

- UISlide value is from 0 to 1

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UIKit Objects
UIStepper

- Handle more precise value than UISlider

- Usually handle with something precise in number (eg: quantities, ages, etc)

- Don't forget to set the value, minimum, maximum, and step

Enter your age:

− +   18

Enter your weight:

− +   100

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Thanks For Your Attendance Today!

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