

Building Custom Controls in iOS

INTRODUCTION



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What You Need to Know



Xcode 7

- iOS and OS X Development
- Free Download

A Mac

- Mac mini, Macbook or iMac
- Xcode may struggle a bit on old hardware

Basic Understanding of iOS



Hello World!



Tutorials



The “To Do” App

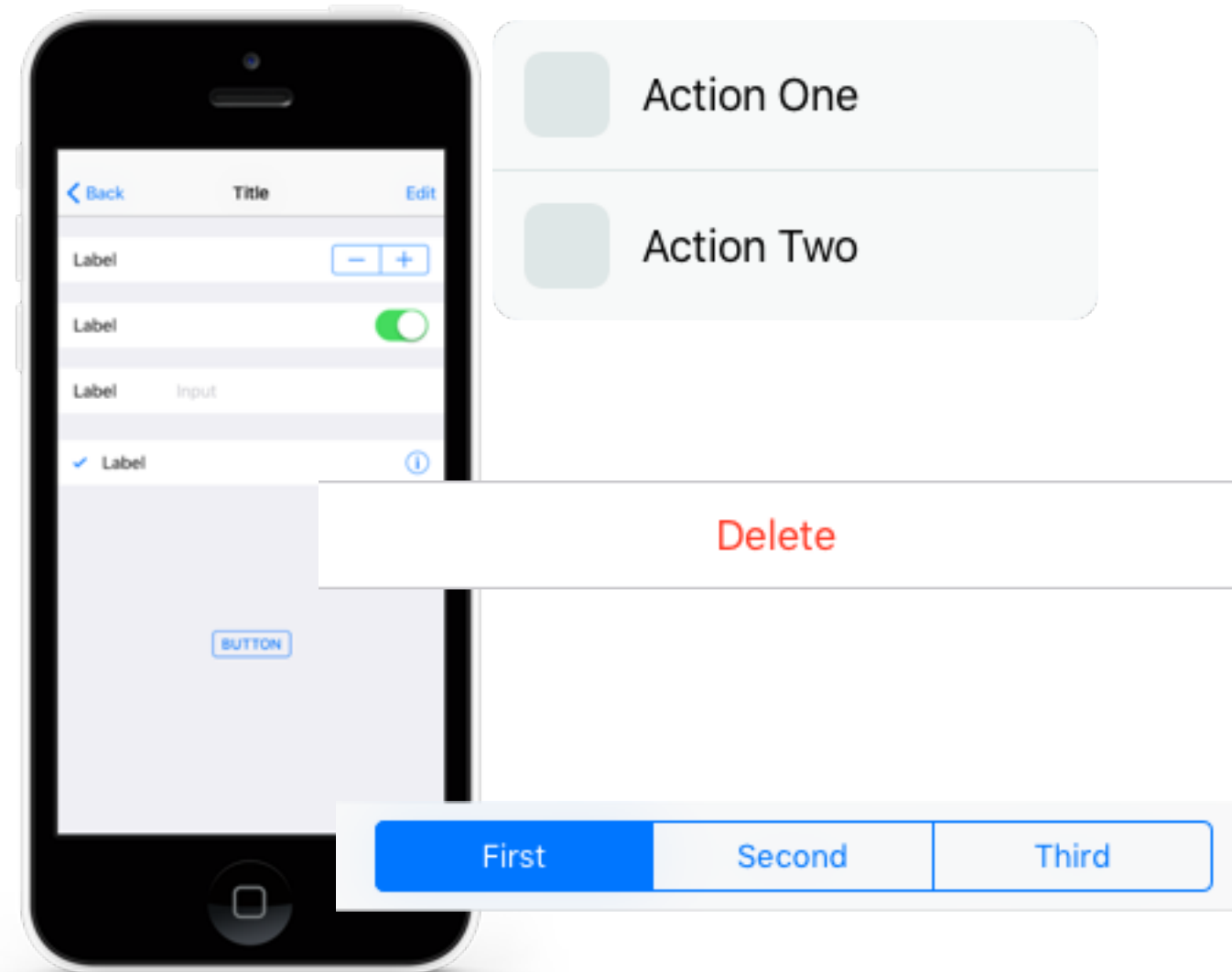
```
class CustomControl : UIResponder
{
    initWithData(data:Dictionary)
    {
        //Init code
    }
}
```

If You're Experienced...

This may not be for you, but you might pick up some tips and tricks

Why?

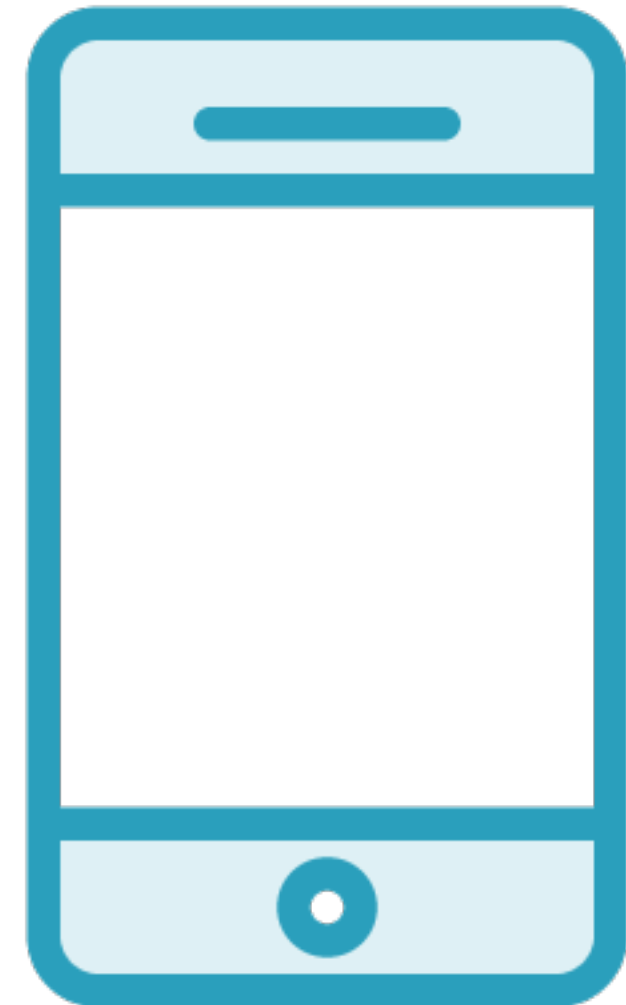
UIKit

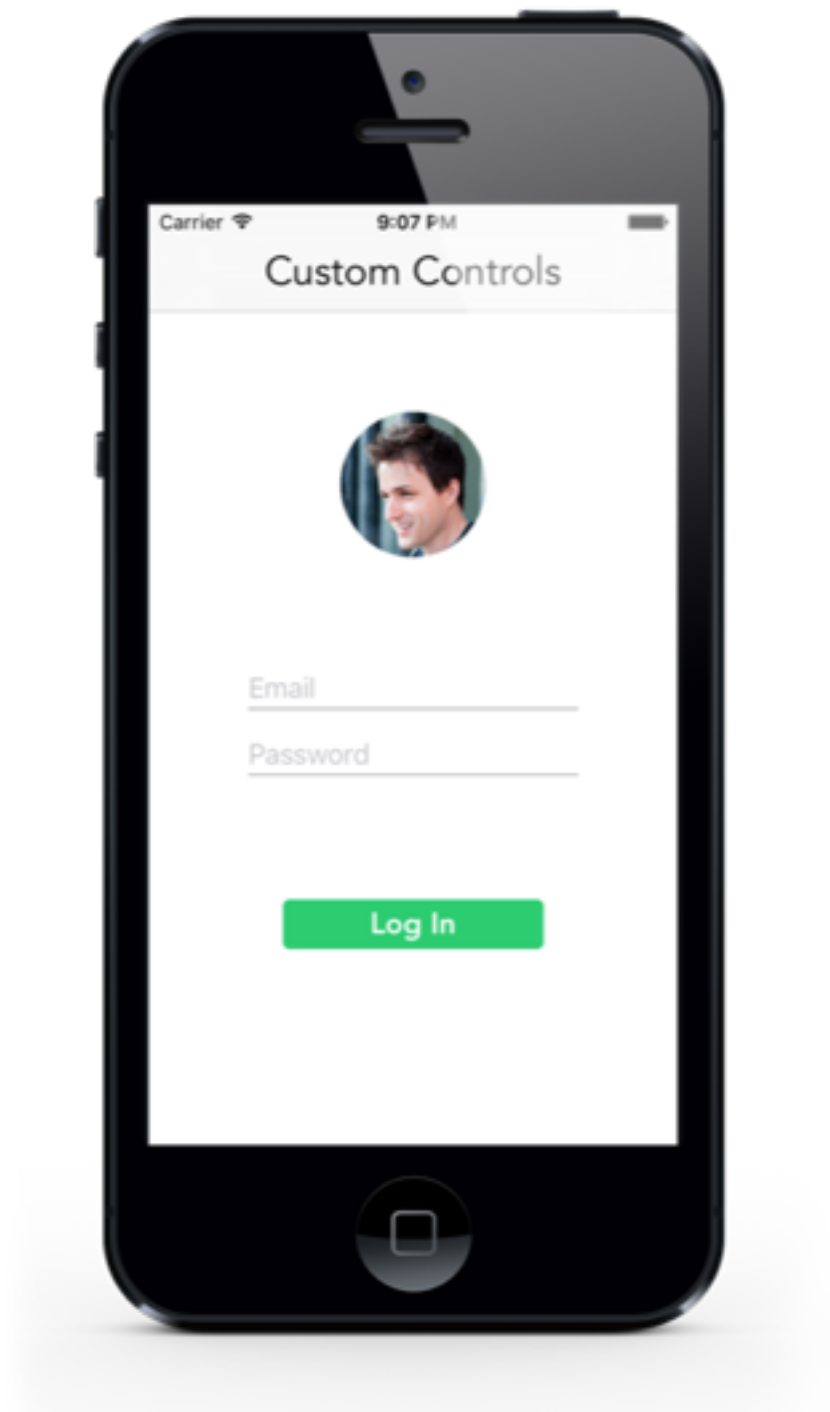


UIKit



No Guess Work





- Easy to understand
- The experience delightful
- Relays context
- Helps solve a specific problem

Finding the Balance

Stock UIKit



Custom Controls



Deference

Helps users understand the scenario and it highlights the content while never competing with it.

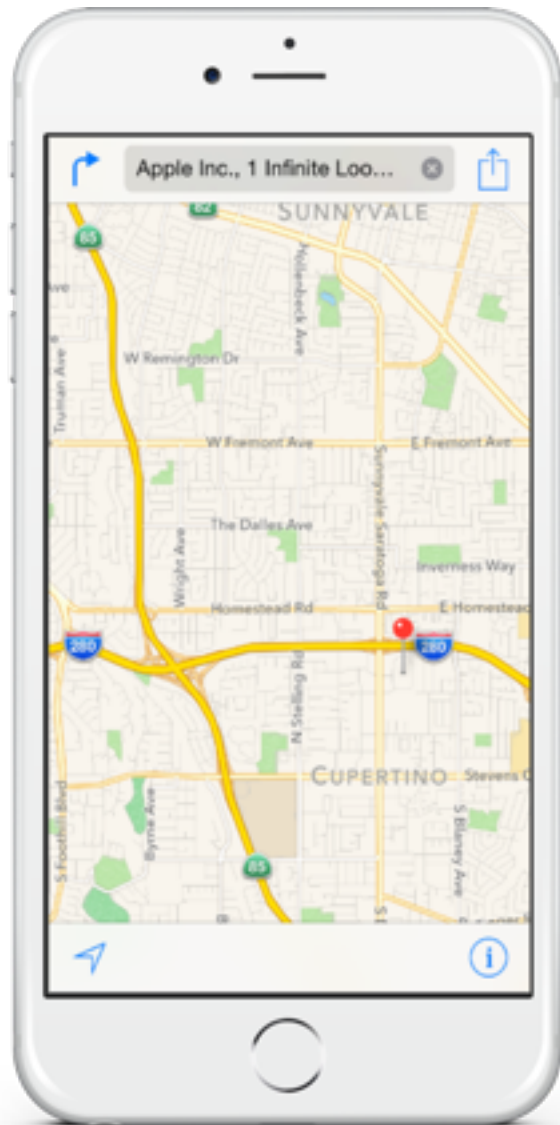
Clarity

Icons and content are precise and lucid and the design helps promote context.

Depth

Visual layers and realistic motion impart vitality and heighten people's delight and understanding.

iOS Embodies These Themes



Clarity



Deference



Depth