

# iOS Demonstration

Objective-C App Demo

# Hello world

- Filipe Patrício
- iOS Developer
- (MSc)Master in Computer Science and Business Management
- <http://filipepatrício.me>



FACULDADE DE  
CIÊNCIAS E TECNOLOGIA  
UNIVERSIDADE NOVA DE LISBOA



# Why iOS?

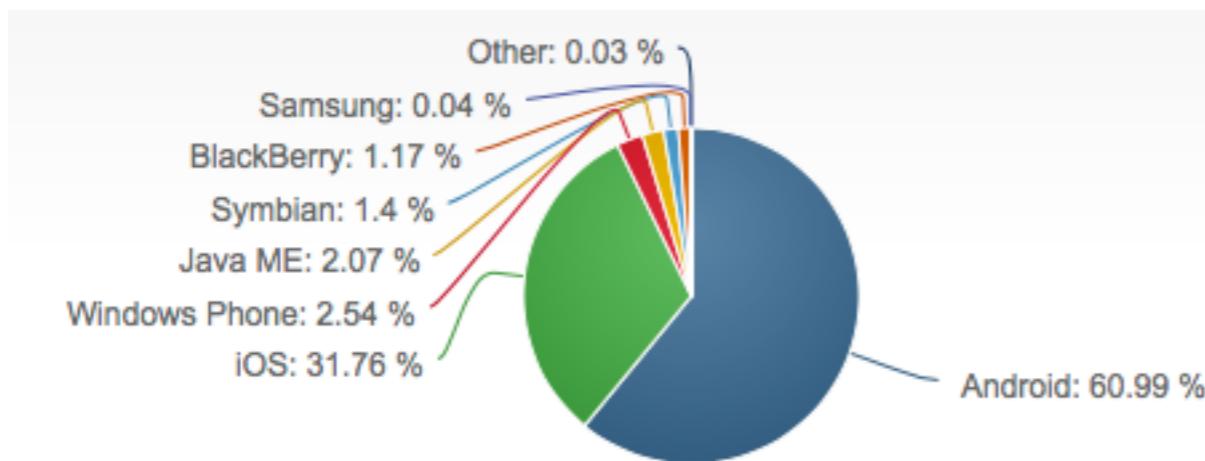


Image 1- Mobile OS market quota

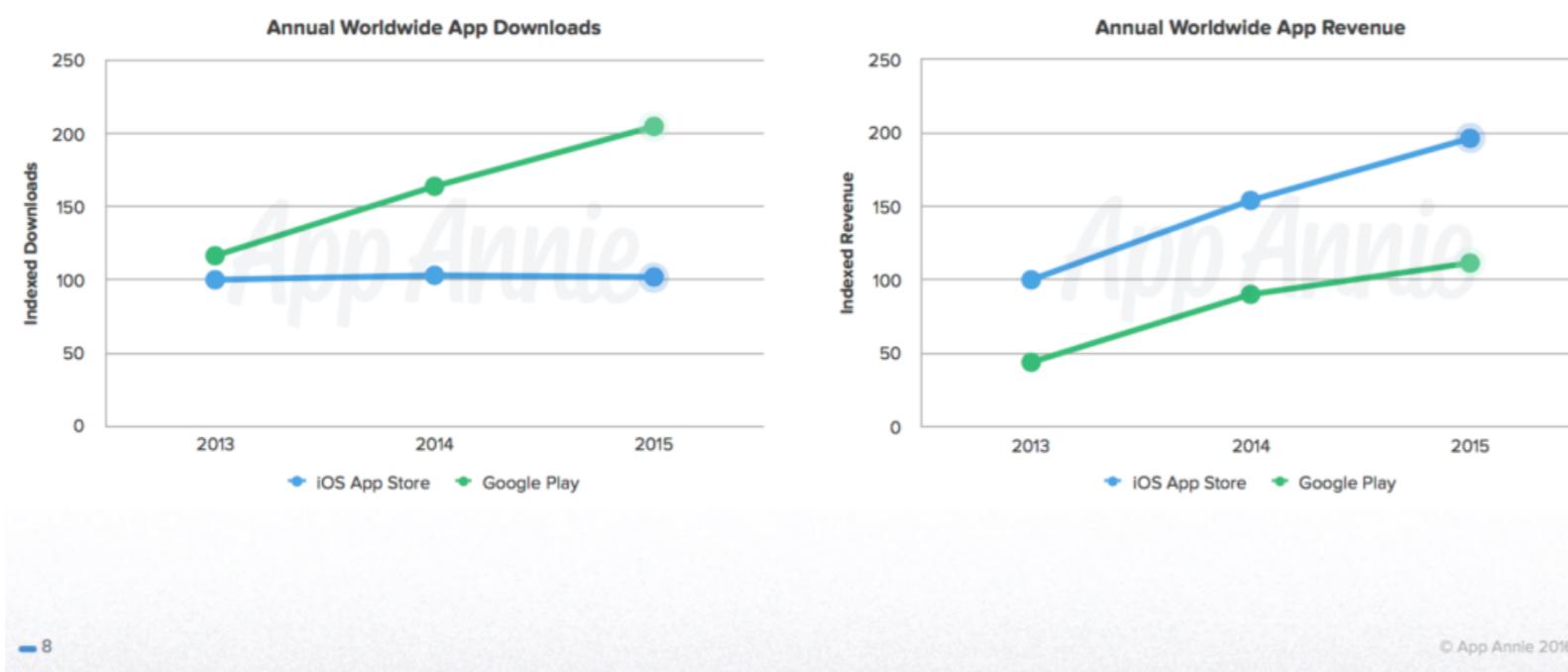


Image 2 - iOS Annual App Revenue

Image 1- <https://www.netmarketshare.com/operating-system-market-share.aspx?qprid=8&qpcustomd=1>

Image 2- <http://9to5mac.com/2016/01/20/app-store-ios-downloads-vs-android-revenue/>

# Should I learn Objective-C or Swift?

“Like others have said, you should learn both. Why? **Objective-C is going to be around for a while**, several years at least. Every existing iOS and OS X application is written in it and that won't change overnight.

During this transitional period, **companies will continue to look for developers skilled in Objective-C** and with either **basic** or **intermediate** exposure to **Swift**. Swift has yet to be finalised, so a mastery of it is literally impossible.”

# Learn Objective-C or Swift

- To learn online Objective-C (iOS 7) I suggest:
  - <https://itunes.apple.com/pt/course/developing-ios-7-apps-for/id733644550>
- To learn online Swift (iOS 8) I suggest:
  - <https://itunes.apple.com/us/course/developing-ios-8-apps-swift/id961180099>

# Hello Xcode



## Welcome to Xcode

Version 7.3 (7D175)



**Get started with a playground**

Explore new ideas quickly and easily.



**Create a new Xcode project**

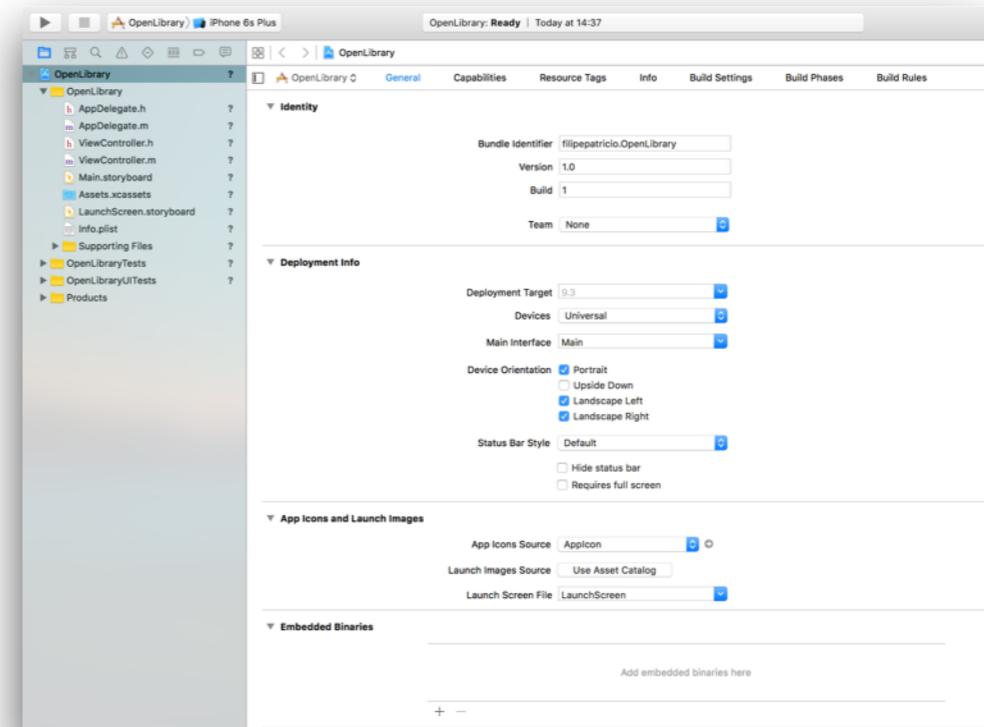
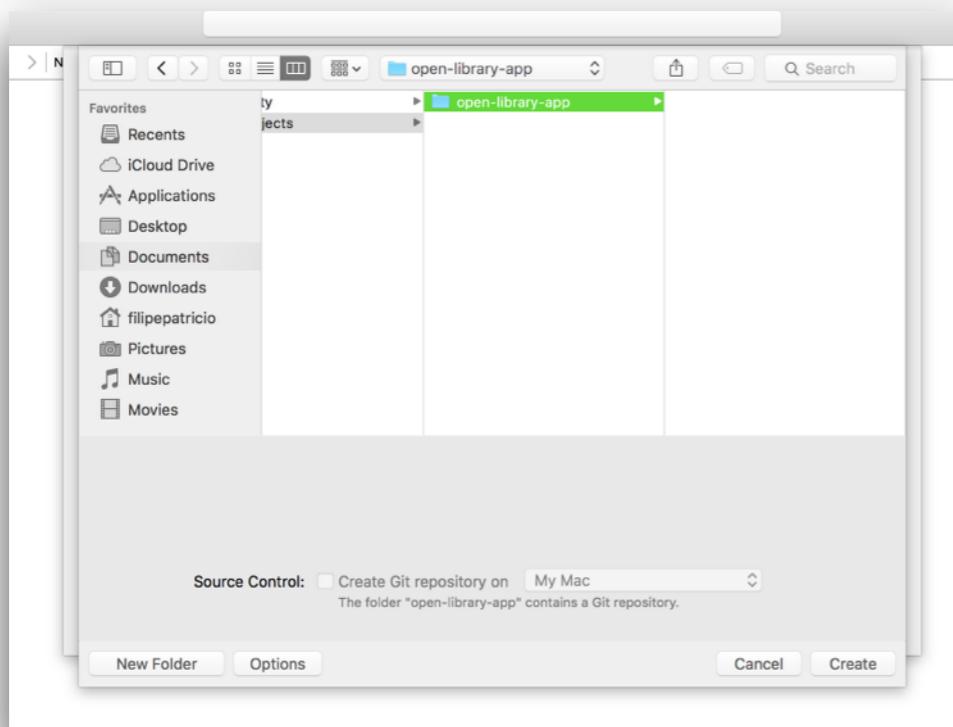
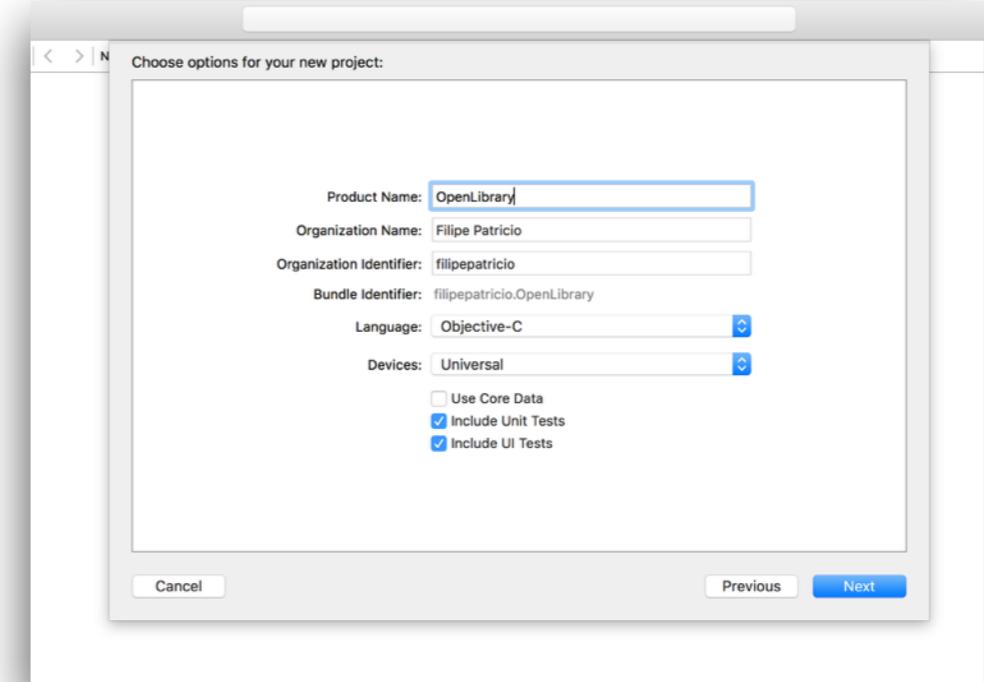
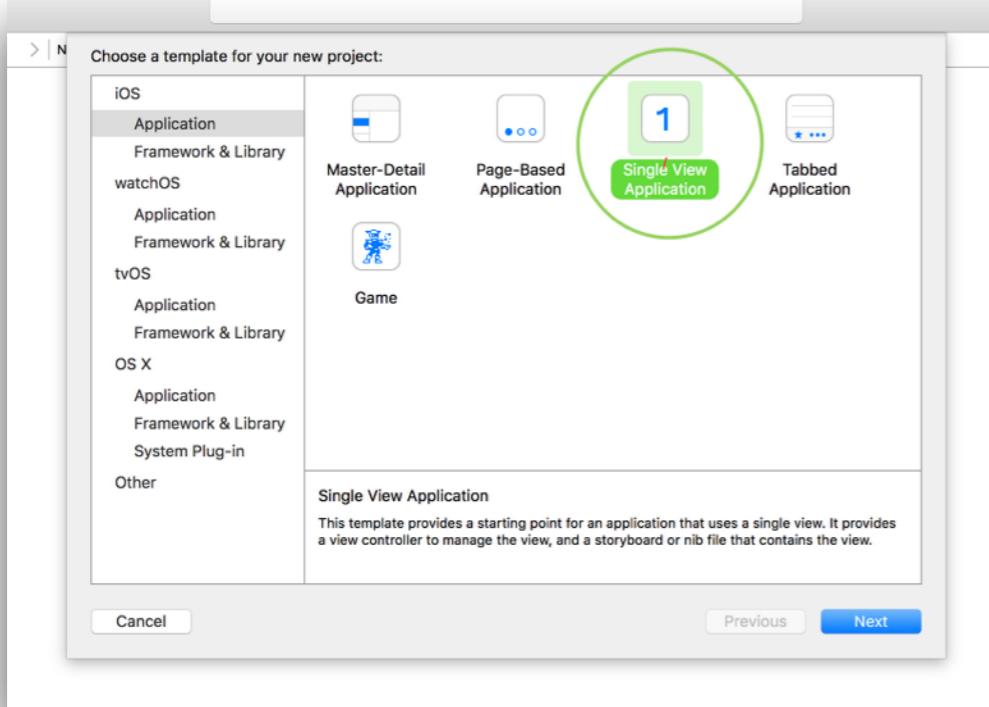
Start building a new iPhone, iPad or Mac application.



**Check out an existing project**

Start working on something from an SCM repository.

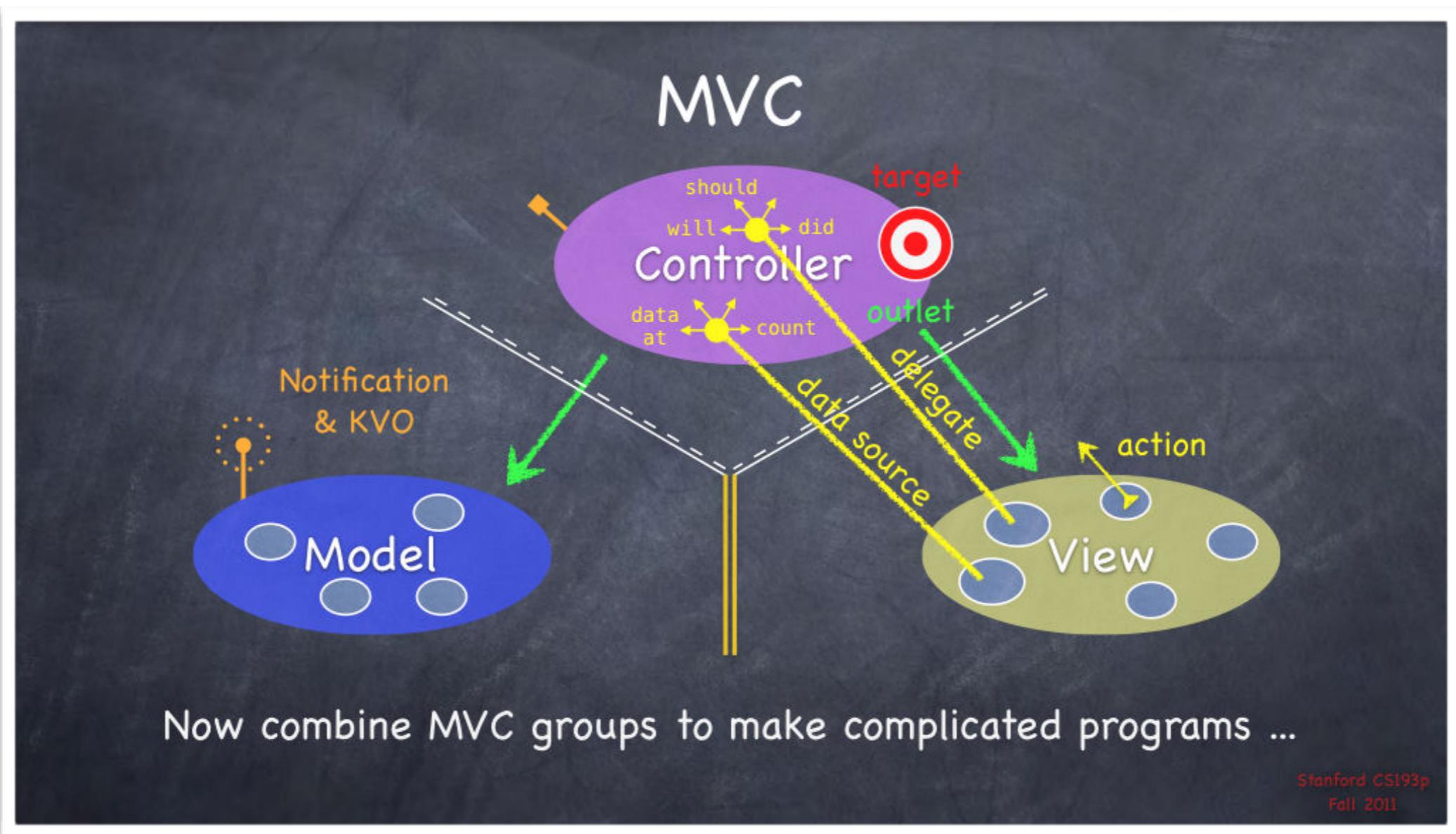
# Hello Xcode



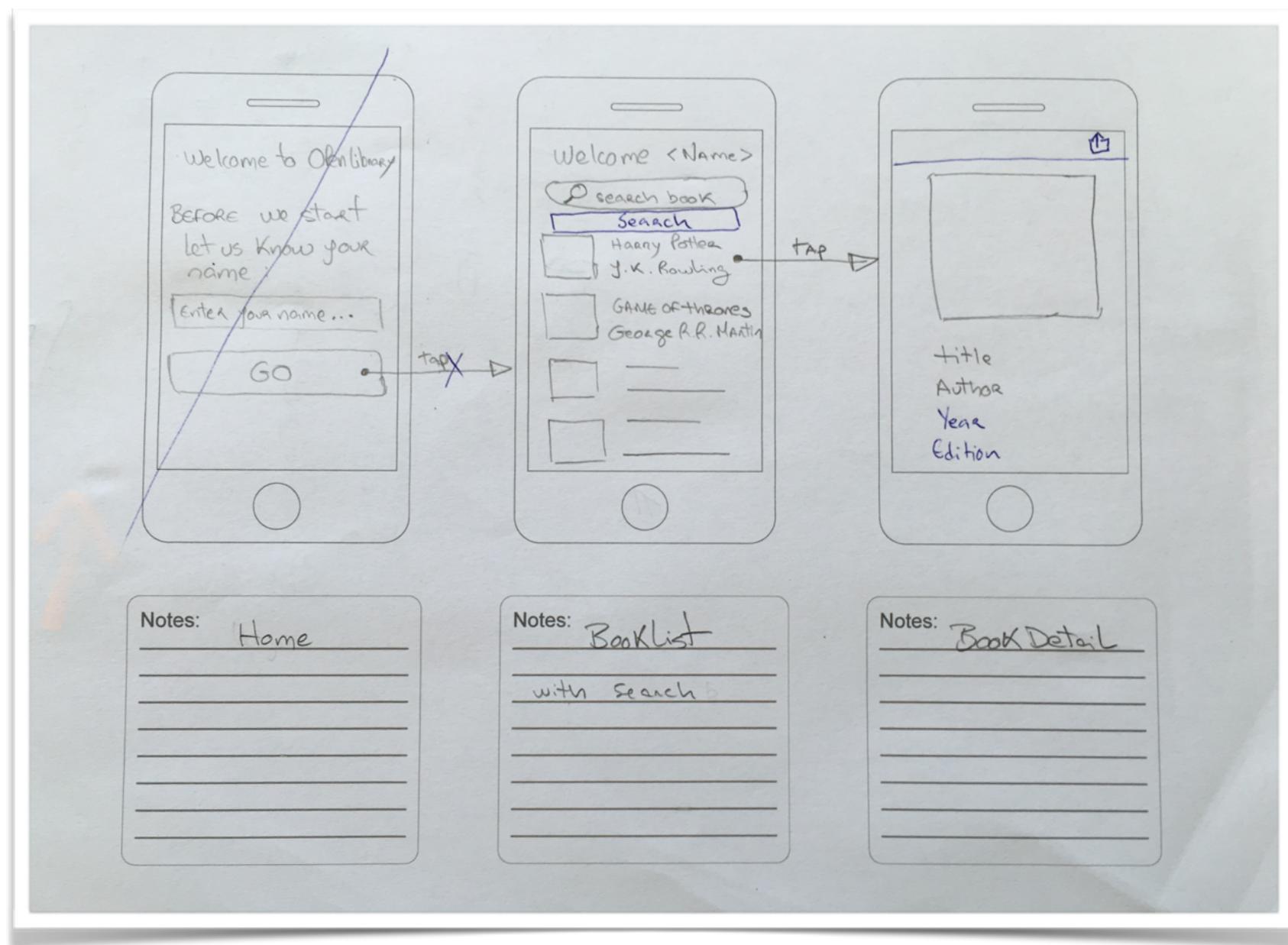
# Model View Controller

- Stanford Slides:

<https://itunes.apple.com/us/course/developing-ios-7-apps-for/id733644550>



# Mockups



# Live Demo



<https://github.com/filipepatrício/demo-ios-iscte>



# CocoaPods

## WHAT IS COCOAPODS

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CocoaPods is a dependency manager for Swift and Objective-C Cocoa projects. It has over ten thousand libraries and can help you scale your projects elegantly. Interested in the news about Swift Package Manager? [Check our FAQ](#)

**〈COCOAPODS〉**

<https://cocoapods.org>

# CocoaPods

- Two good pods to know/use:
  - AFNetworking (Network Framework)
  - Mantle (Model Framework + Json Converter)

# How do I learn all methods?!

You don't, nobody knows All methods

Use the documentation:

<https://developer.apple.com/library/ios/navigation/>

And if you still struggle try stackoverflow.com 😊

# Questions?

“It’s never too late to start.”

*–Unknown*



Hope you enjoyed it!

Thank you!

Filipe Patrício