APP EVOLUTION

with *Swift*
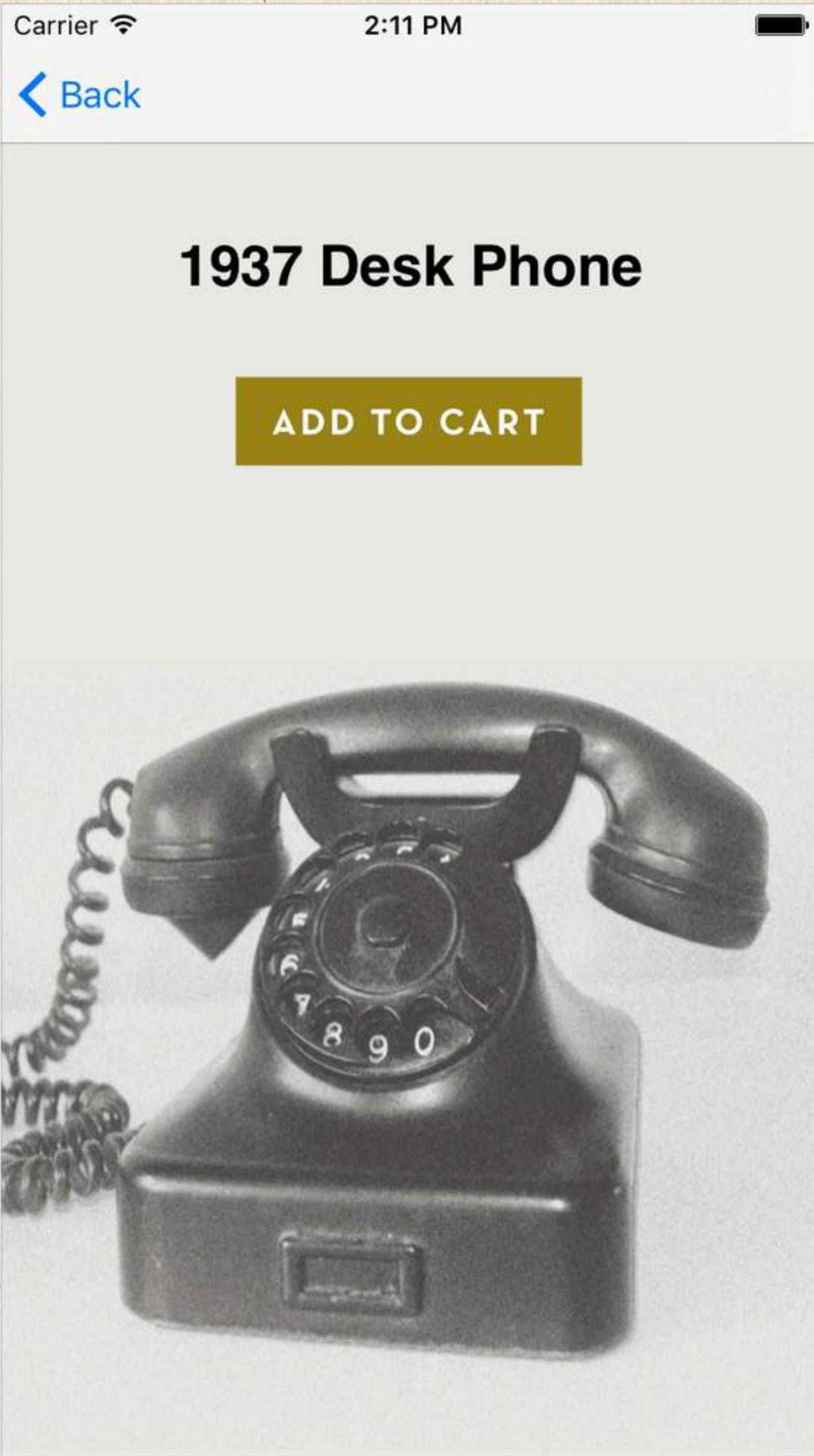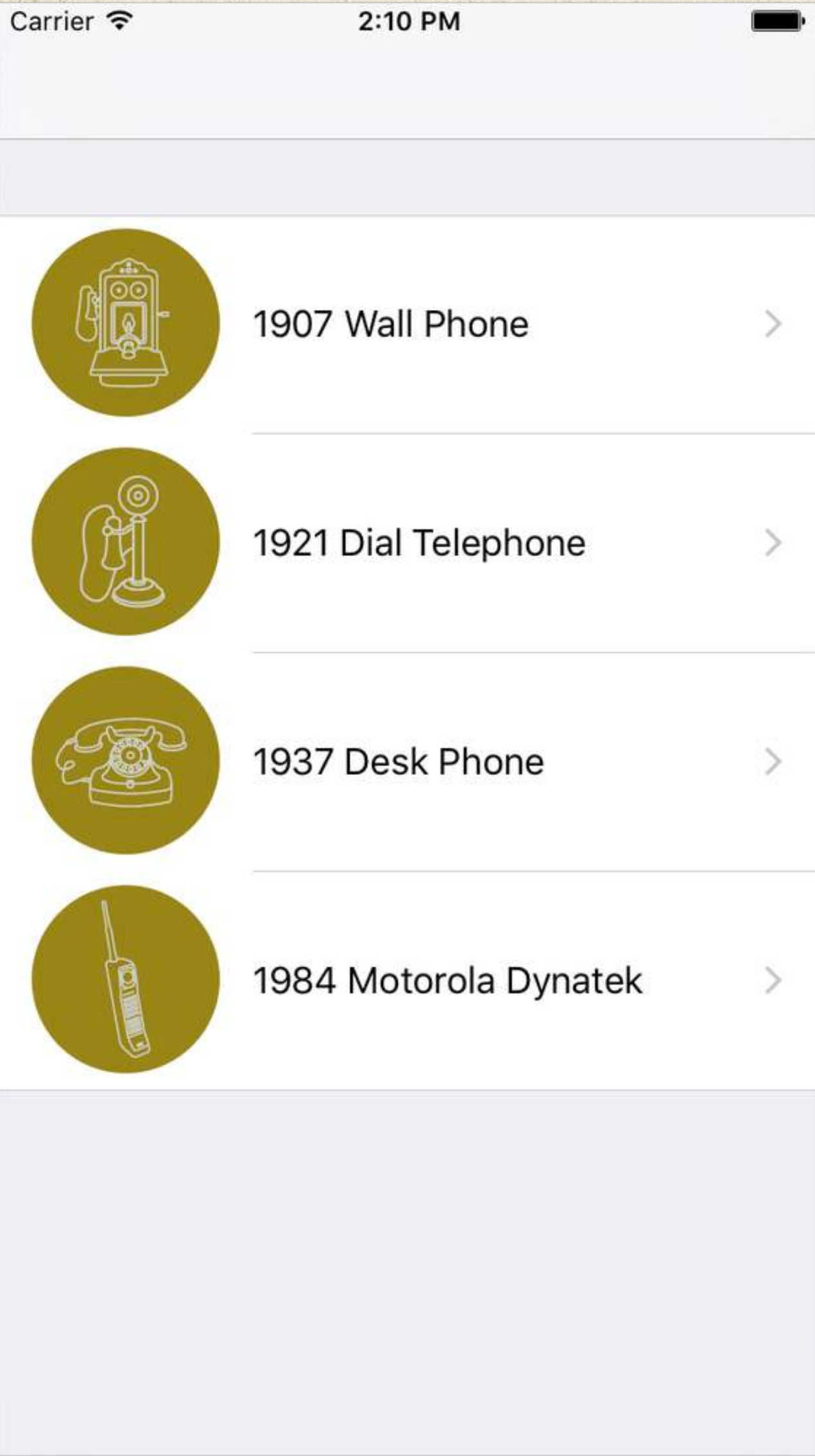
What is Swift?

Swift is a new programming language introduced by Apple in June 2014 for creating iOS and OS X apps.

Release History

First beta	**June 2014**
Swift 1.0	**September 2014**
Swift 1.1	**October 2014**
Swift 1.2	**April 2015**
Swift 2.0 beta	**June 2015**
Swift 2.0	**September 2015**
Swift 2.1	**October 2015**

The App We're Going to Make

You Need Xcode to Make iOS Apps

As we make the different parts of the app, we're going to show you short screencasts of us working in Xcode. Feel free to follow along with your own copy of Xcode.

App Store

Xcode

Level 1
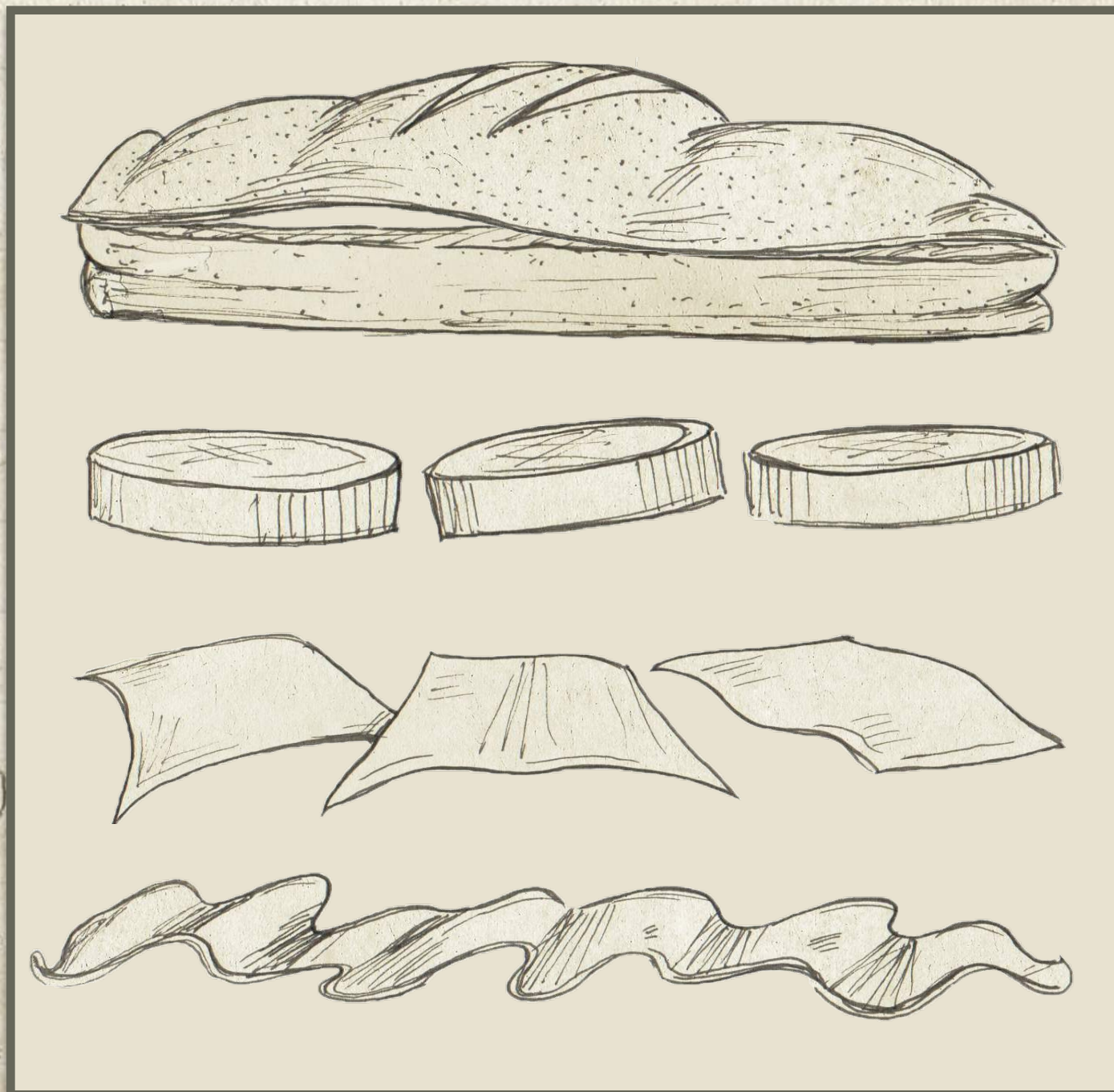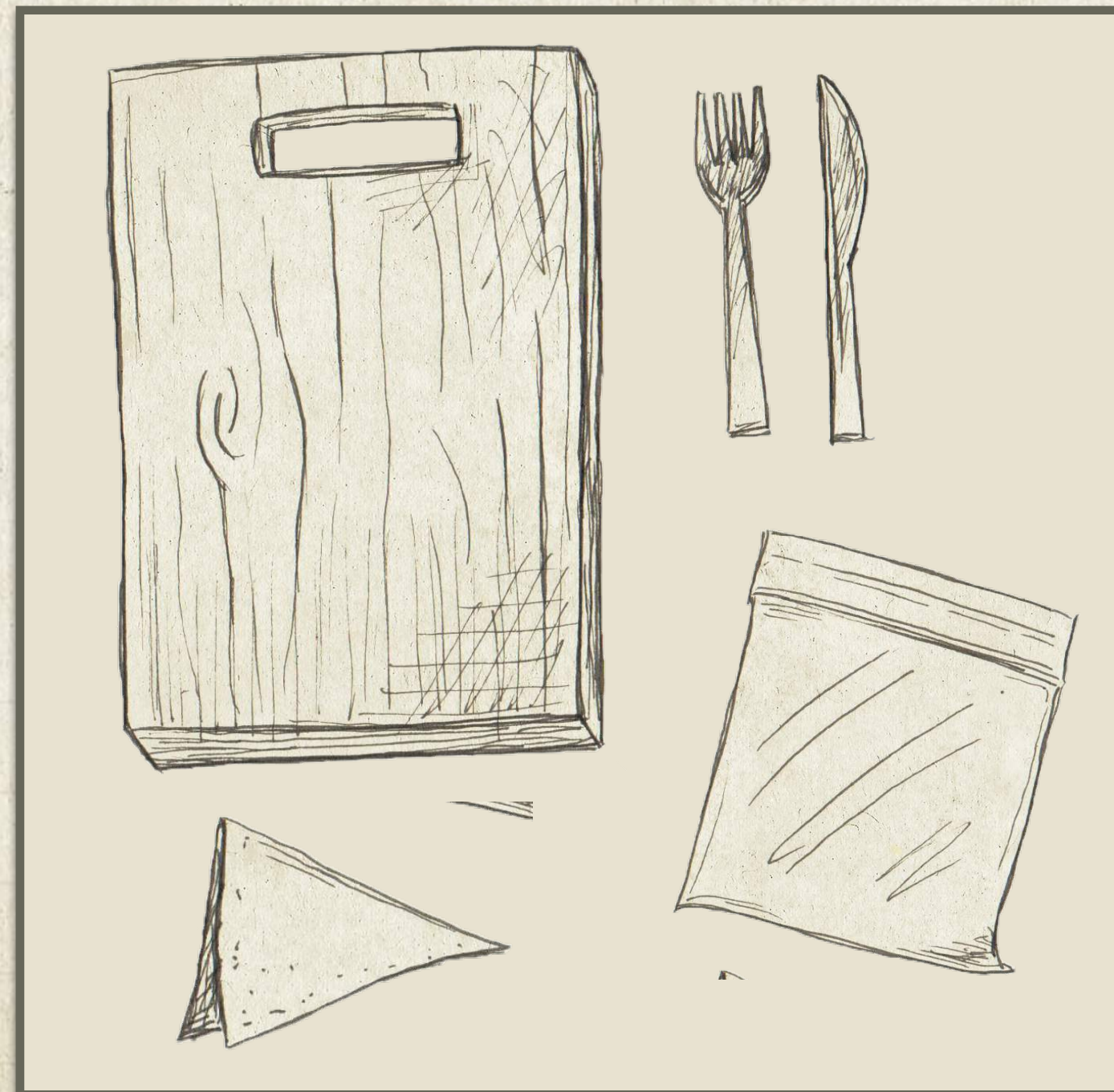## Xcode and Storyboards

Section 1 - Creating an Xcode project

APP
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with Swift

Apps and Sandwiches

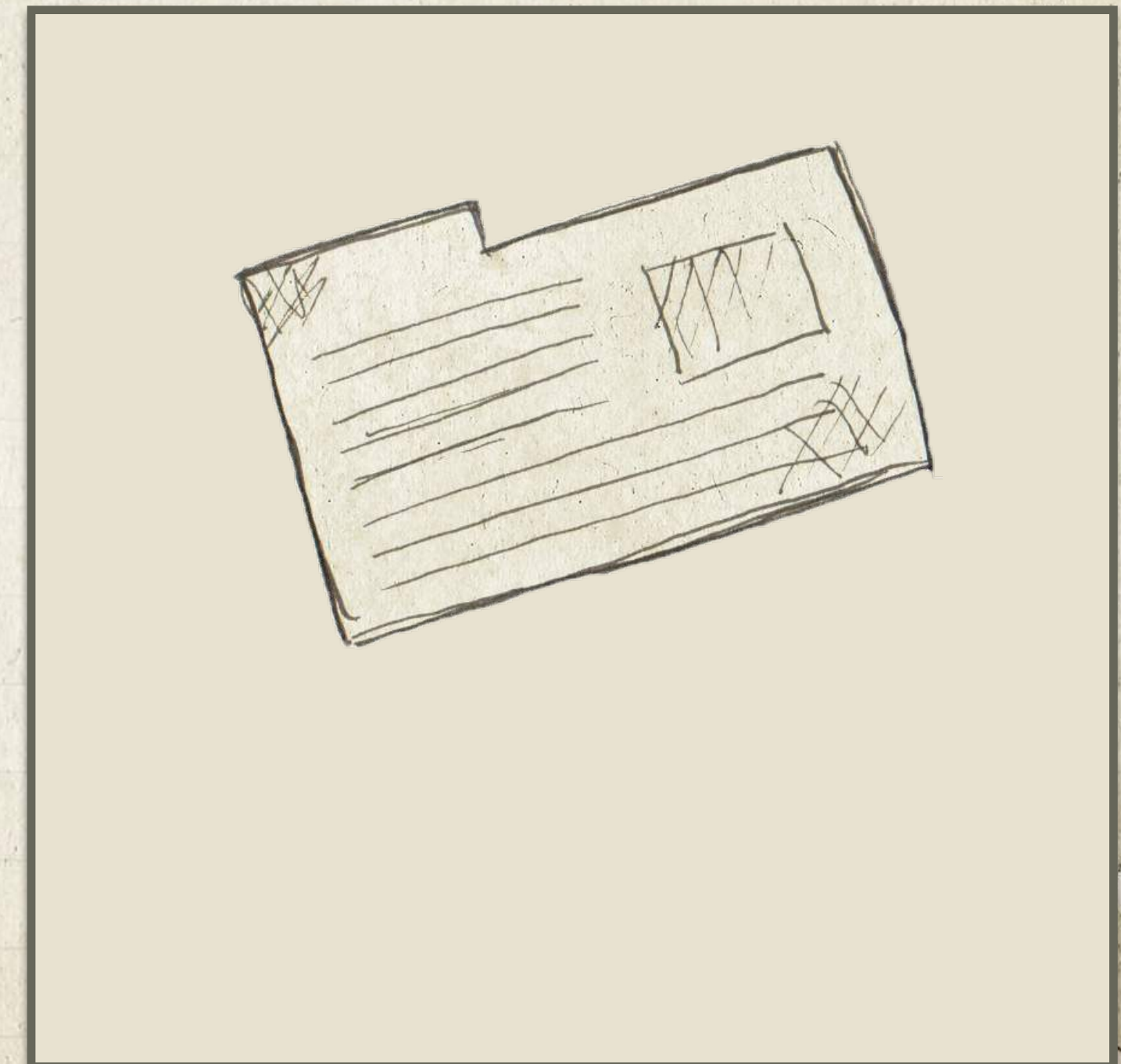What do we need to make this sandwich?
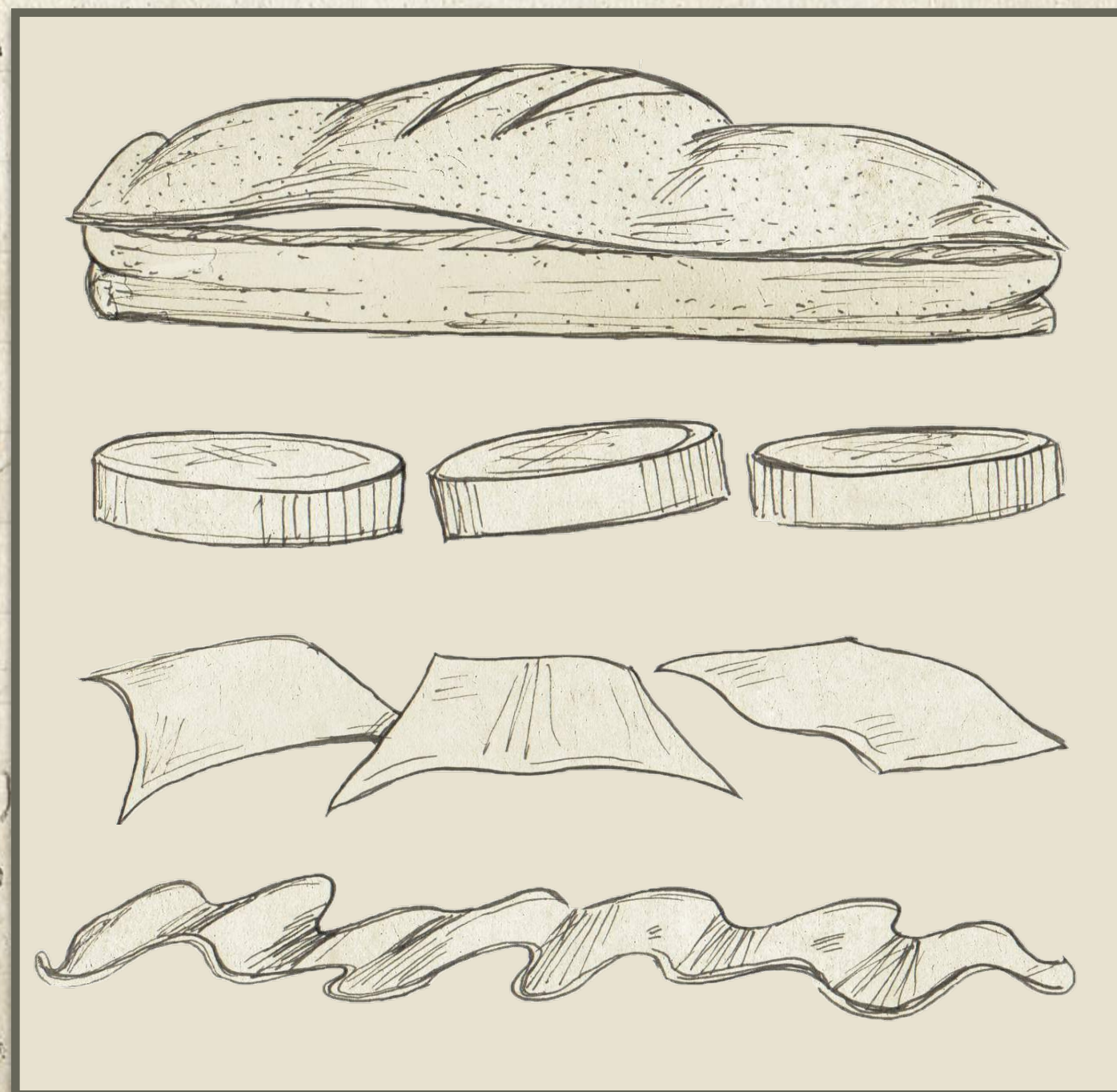
Raw Ingredients

Cooking Utensils

The Recipe

UIKit is Like the Sandwich Ingredients

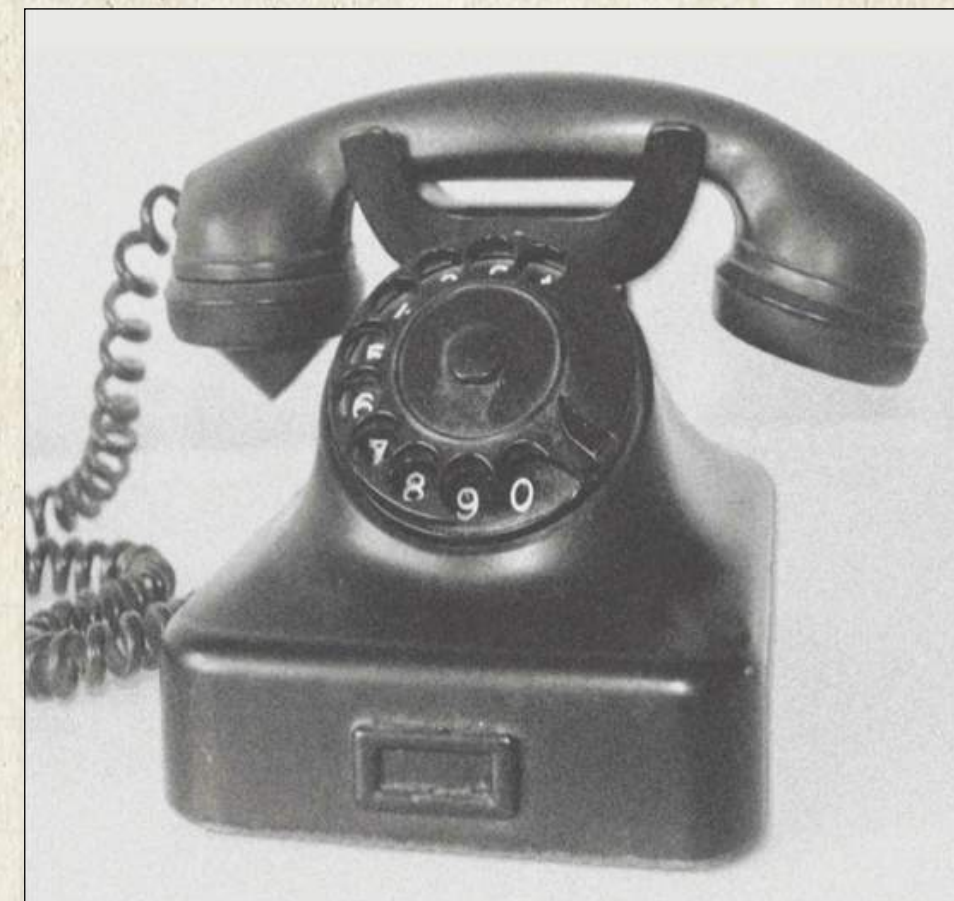UIKit is a framework that contains templates for standardized ways to display data in your app

Raw Ingredients

Text

1937 Desk Phone
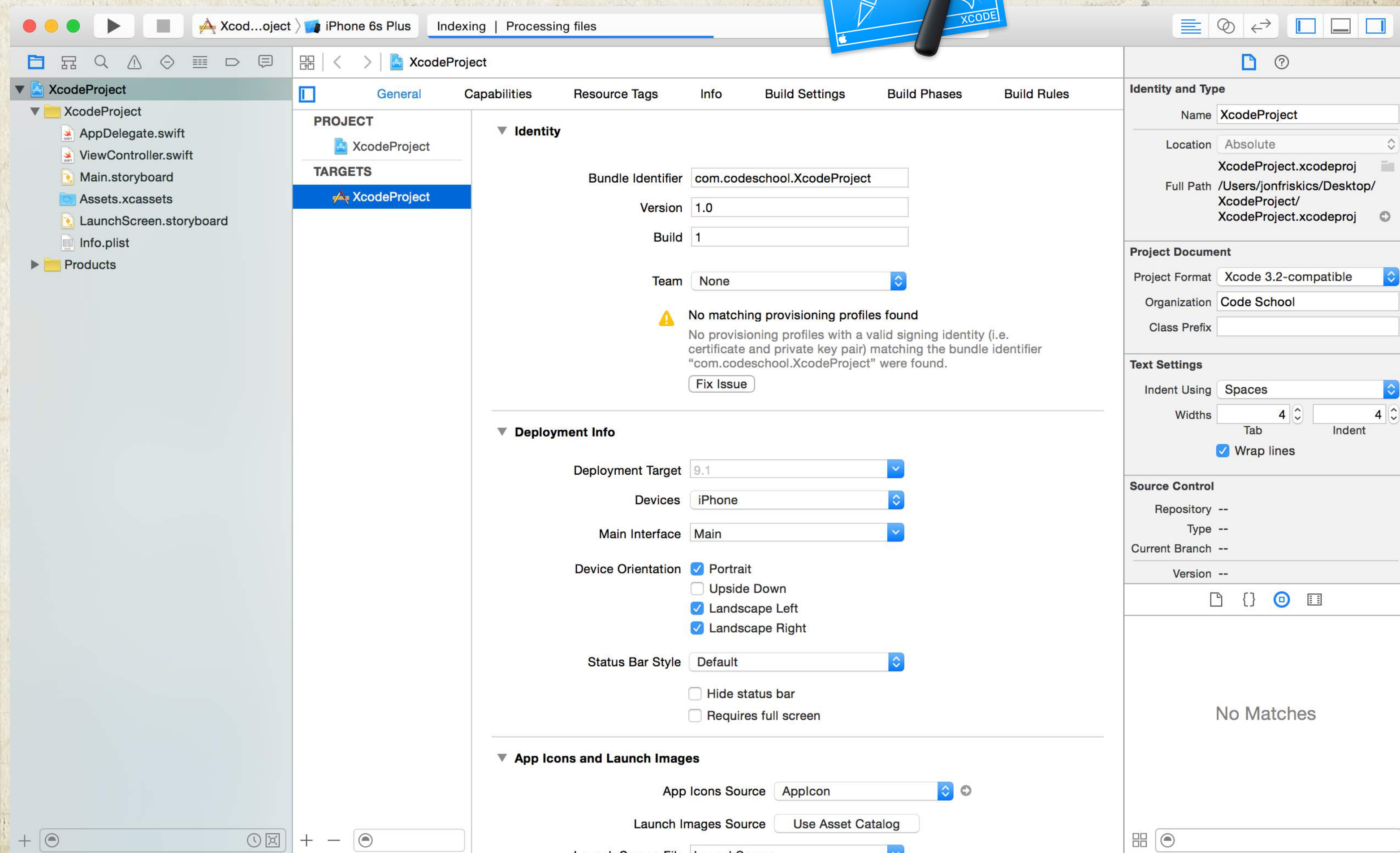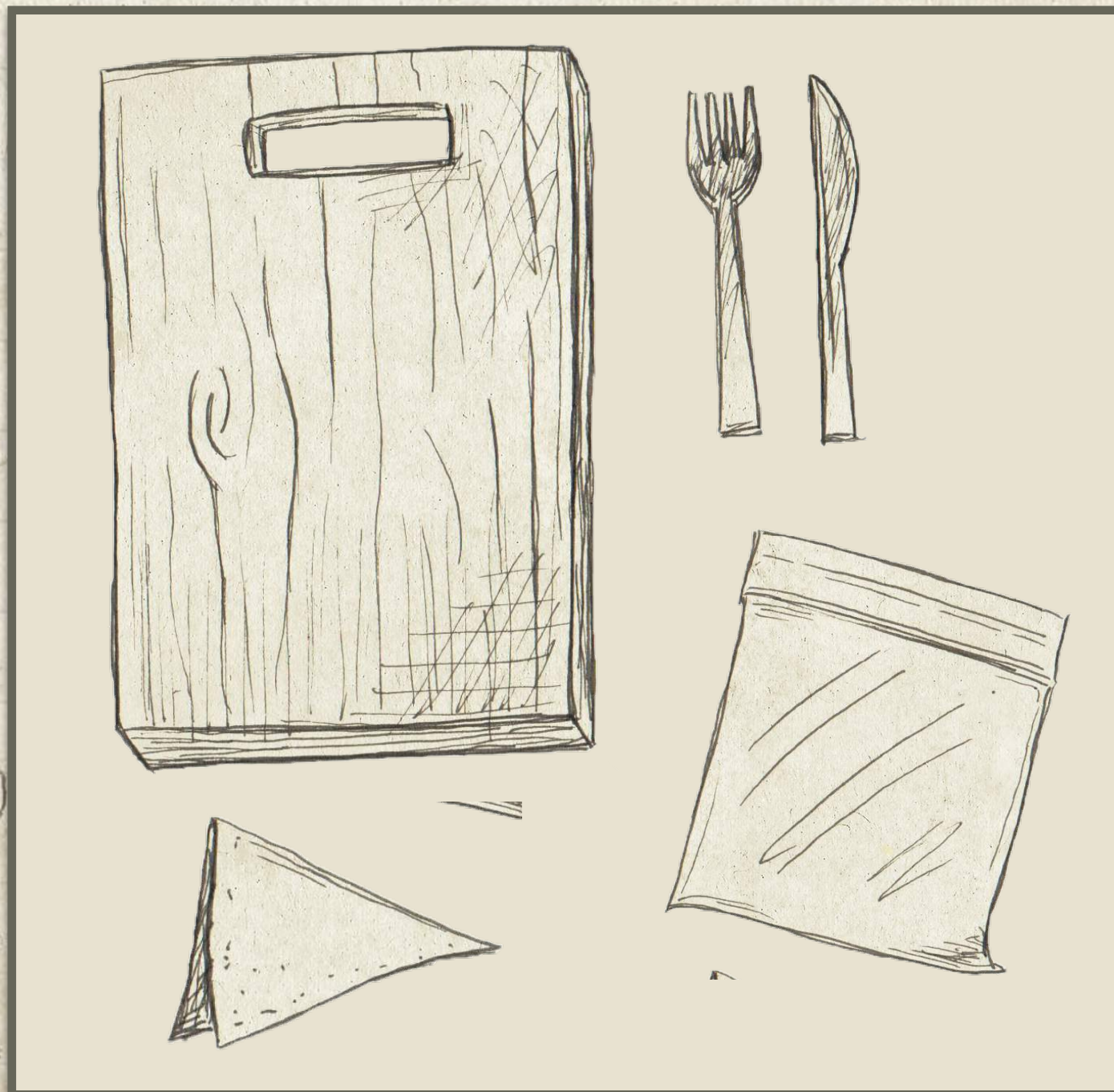
Images

Buttons

ADD TO CART

APP EVOLUTION

with *Swift*

Xcode is Like the Kitchen Utensils

Xcode is a free program provided by Apple that you use to write Swift code and assemble your app
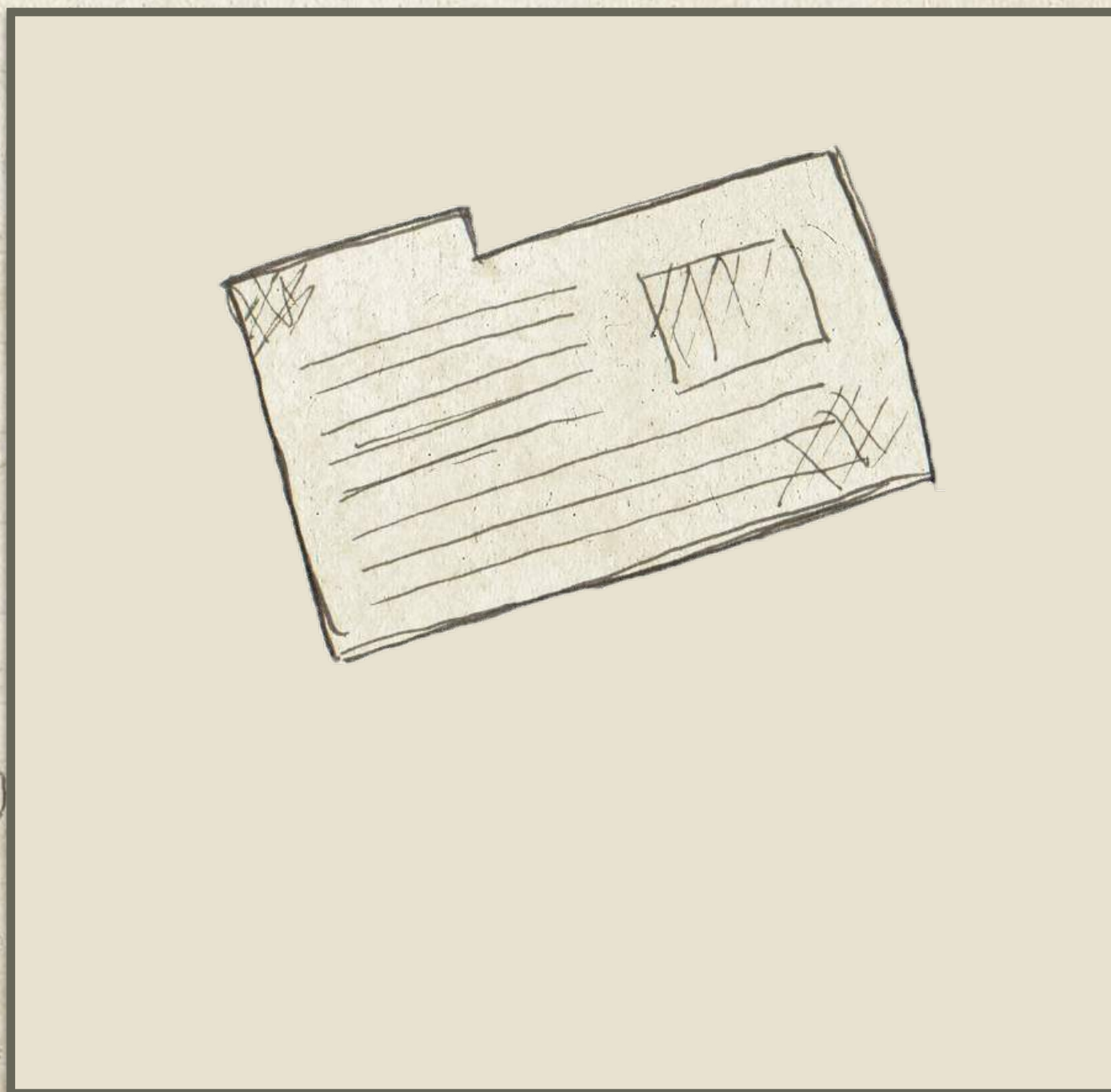
Cooking Utensils

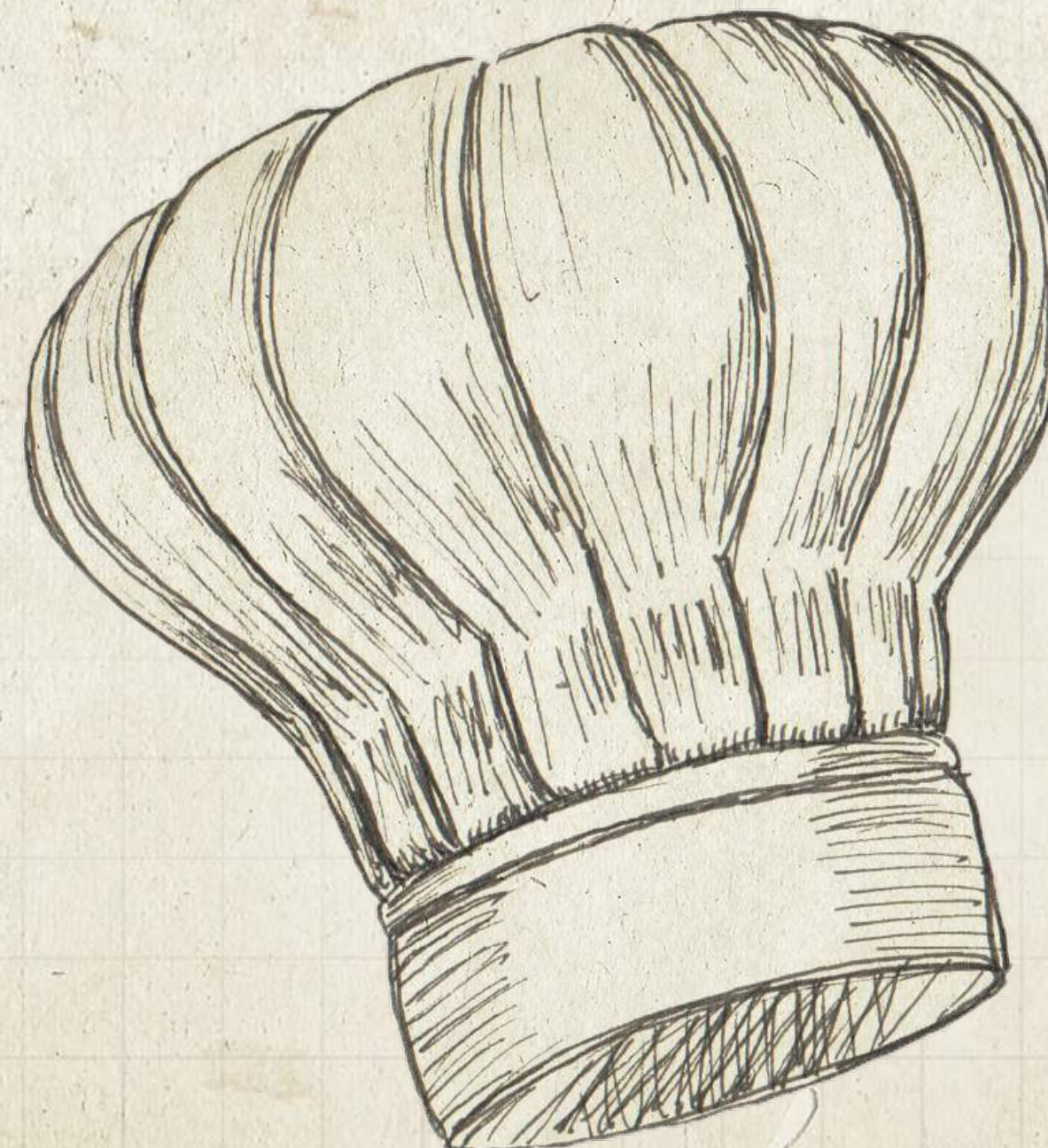# Swift Is Like the Instructions for Making the Sandwich

You'll write Swift code, in Xcode, that tells parts of the UIKit framework how to display your data.
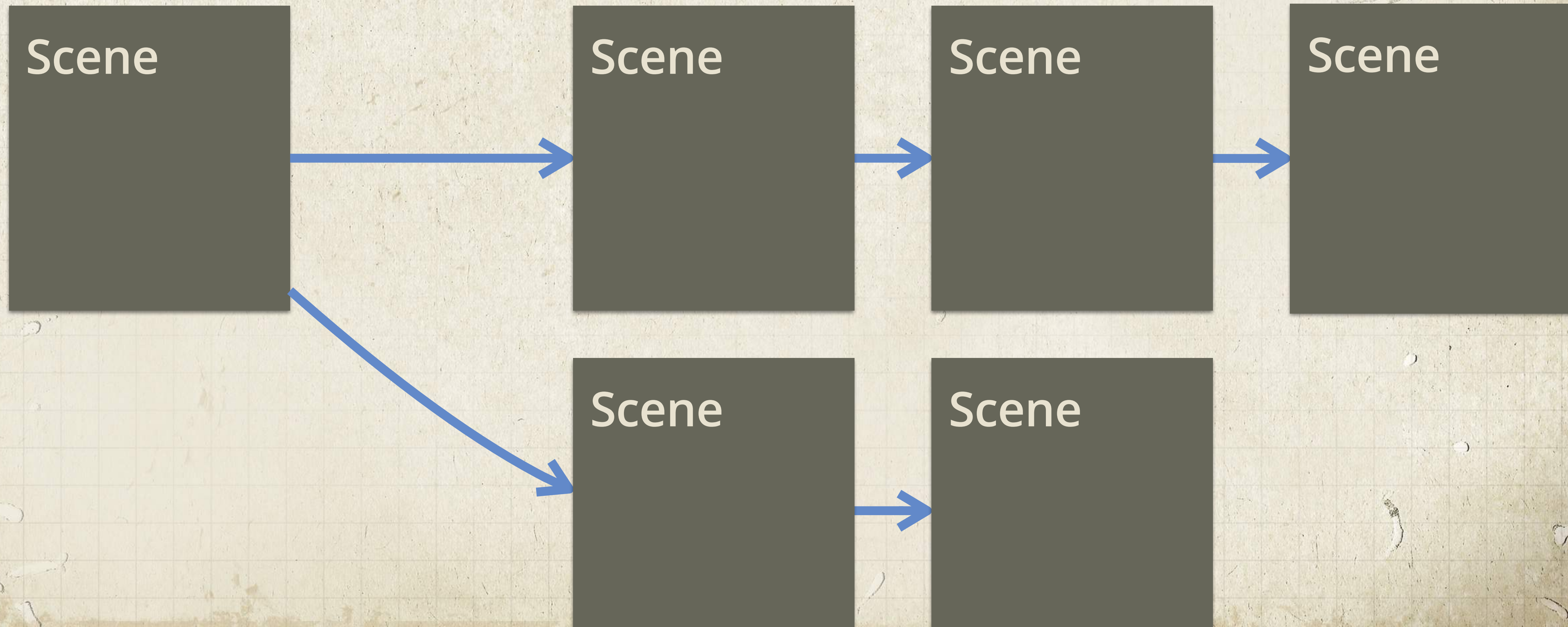
The Recipe

You are the chef!

APP
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Screencast: Create and Set Up a New Project

APP
EVOLUTION
with Swift

Storyboards Let You Visualize Your App's Flow

A storyboard is a tool for laying out your UI and connecting the flow between different screens that your app will display.

Each Scene Displays at Least 1 View

A single main view contains everything the user will see on that screen.

Storyboard

Scene

Main View

Screencast: Adjusting the Color of the Main View