

Beginner

101: iOS Apprentice Review Part 1

Part 1: Introduction

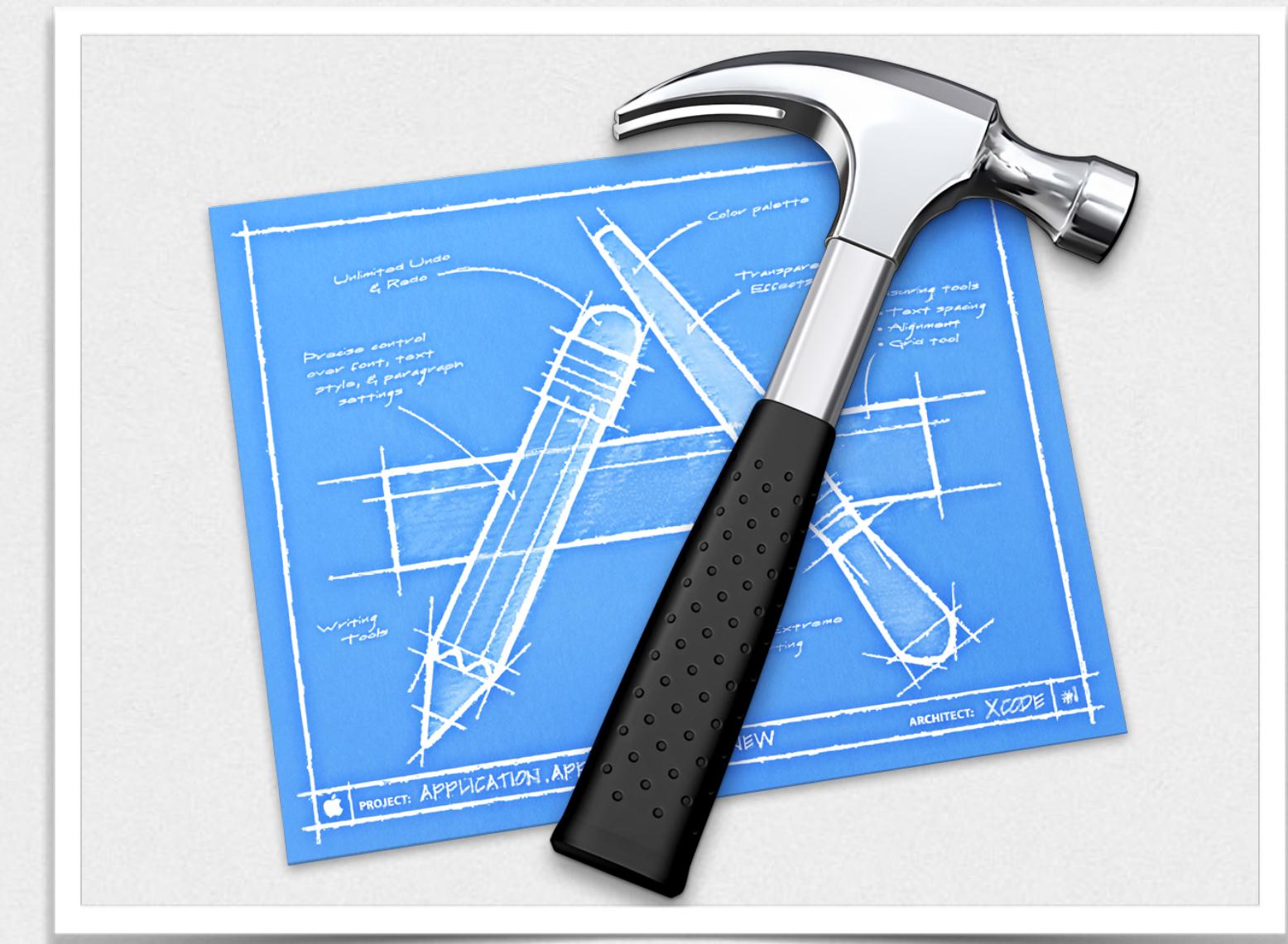
What to Expect

- ⚙️ Introduction (5 min)
 - hint: that's this -
- ⚙️ Live Demo (30 min)
- ⚙️ Lab (15 min)
- ⚙️ Challenge (15 min)
- ⚙️ Conclusion (3 min)



Things to Know: The Basics

- ⚙️ Xcode (Apple's IDE)
- ⚙️ Programming Basics
- ⚙️ Language: Swift / Objective-C
- ⚙️ Objects & Classes
- ⚙️ Frameworks



Things to Know: The Code

Properties, Outlets, Actions

```
var currentNumber = 50
var currentSwitchValue = true

@IBOutlet weak var textView: UITextView!
@IBOutlet weak var button: UIButton!
```

Functions, Protocols, Delegates

```
func textFieldShouldBeginEditing(textField: UITextField!) -> Bool {
    return true
}

func textFieldDidBeginEditing(textField: UITextField!) {

}

func textFieldShouldEndEditing(textField: UITextField!) -> Bool {
    return true
}

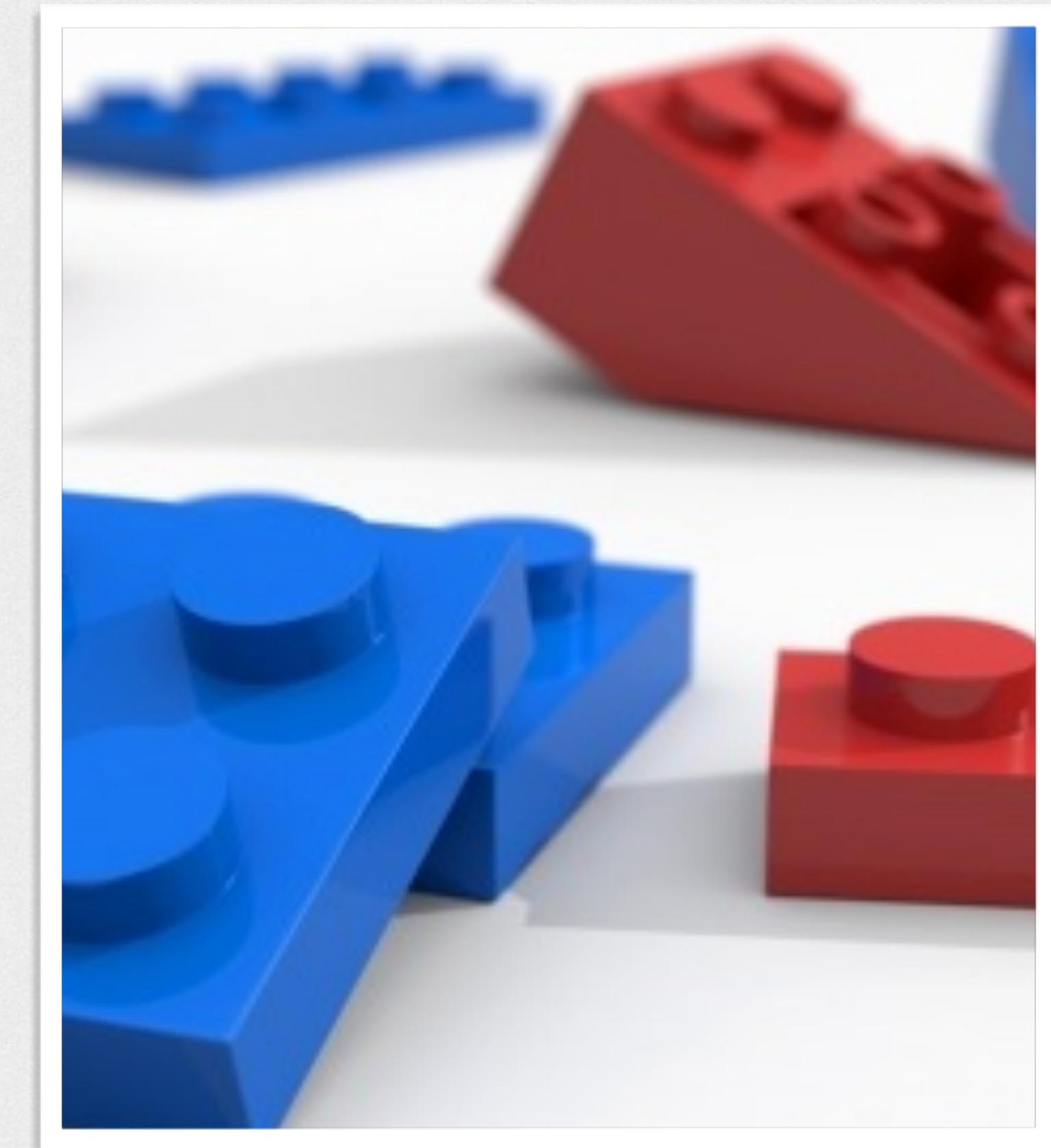
func textFieldDidEndEditing(textField: UITextField!) {

}
```



Things to Learn: UIKit Framework

- ⚙️ Building Blocks
- ⚙️ User Interface
- ⚙️ Event Handling (user input)
- ⚙️ Interacts With System



Things to Do: Build an App



STORY TIME
making stories from madness

Things to Do: Demo, Lab, Challenge

- ⚙ Add Objects
- ⚙ Connect IBOutlets
- ⚙ Write Code
- ⚙ Kill Monsters

(wait... maybe not that last one)



STORY TIME

making stories from madness

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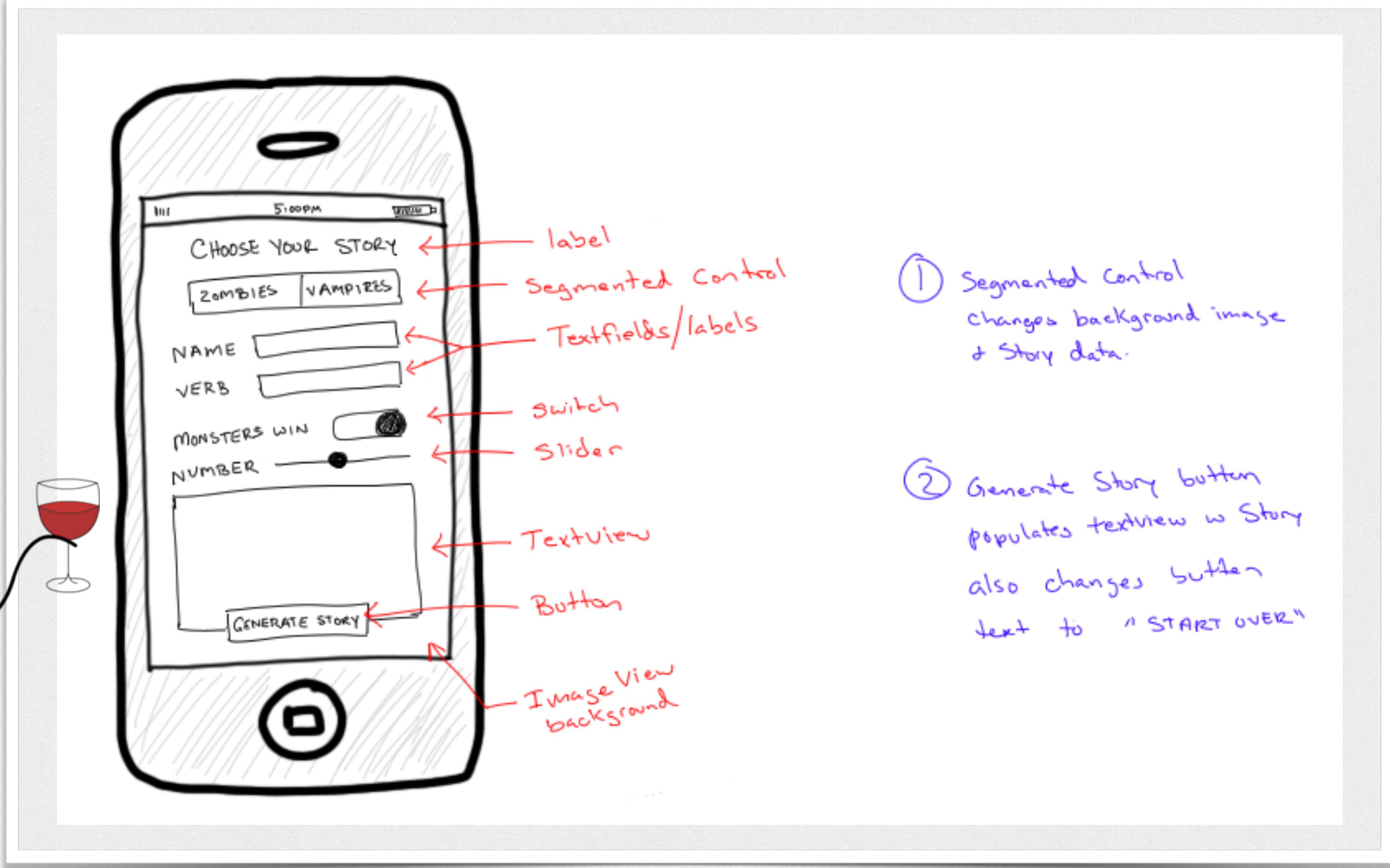
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Part 2: Demo



plan your app
like a sir



① Segmented Control
changes background image
& Story data.

② Generate Story button
populates textView w/ Story
also changes button
text to "START OVER"

Demo Time



STORY TIME
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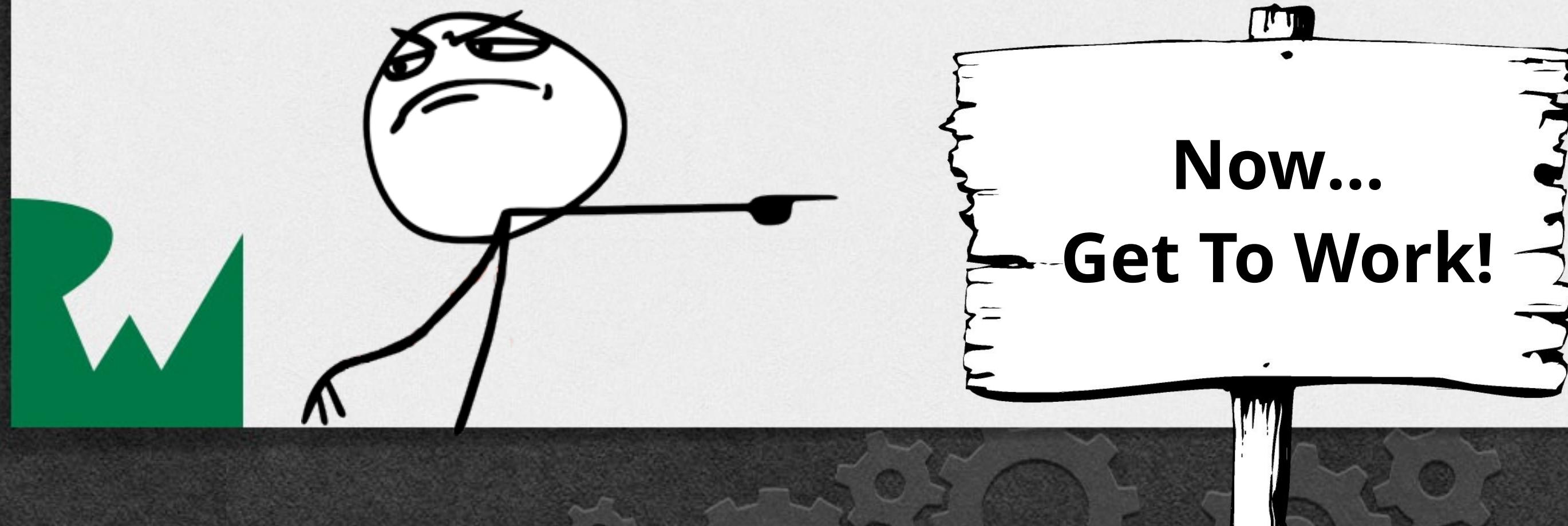
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Part 3: Lab



Lab Time

- ⚙ Add Code: Generate/Reset The Story
- ⚙ Create New IBOulet: numberLabel
- ⚙ Add Another Story (Aliens)
(if you have time)



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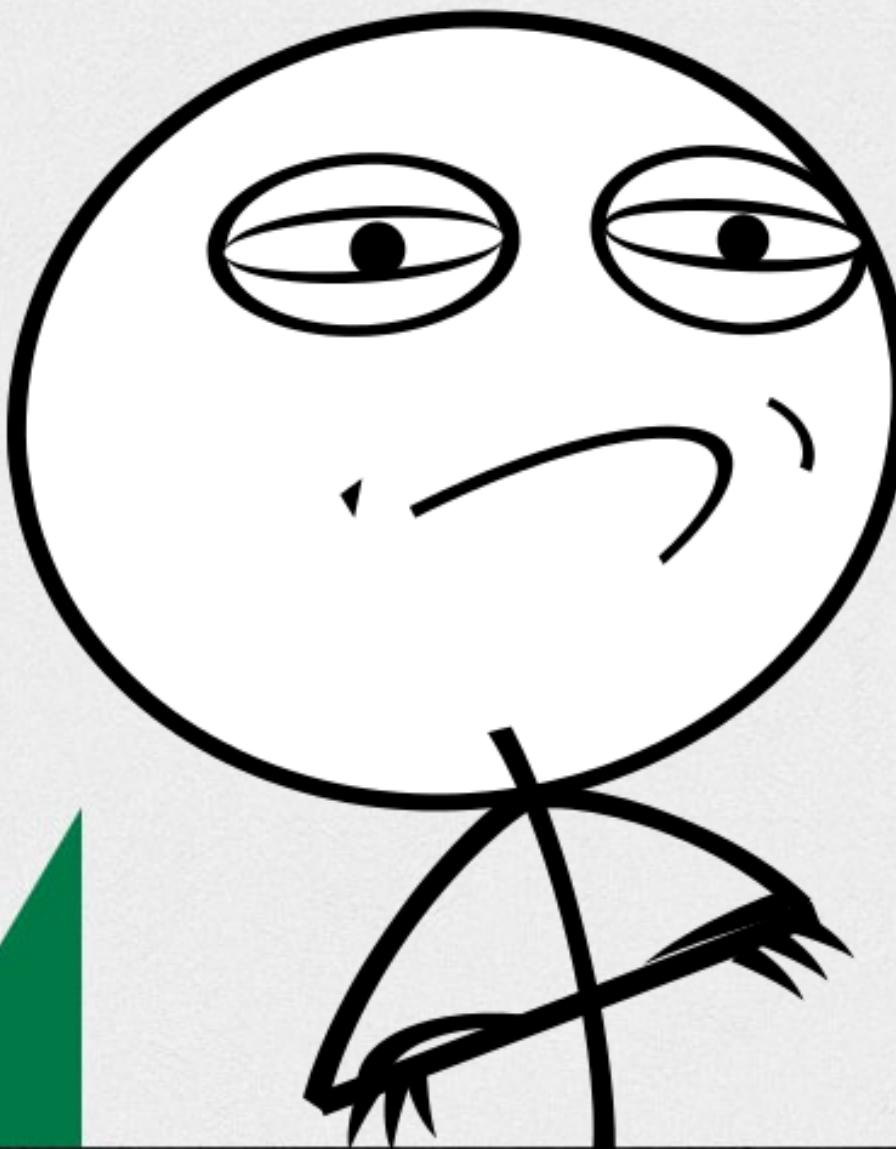
Part 4: Challenge



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Challenge Time

- ⚙ Add Validation
- ⚙ UIAlertController
- ⚙ Disable Generate Story button
- ⚙ Add Another Text Field (if you have time)

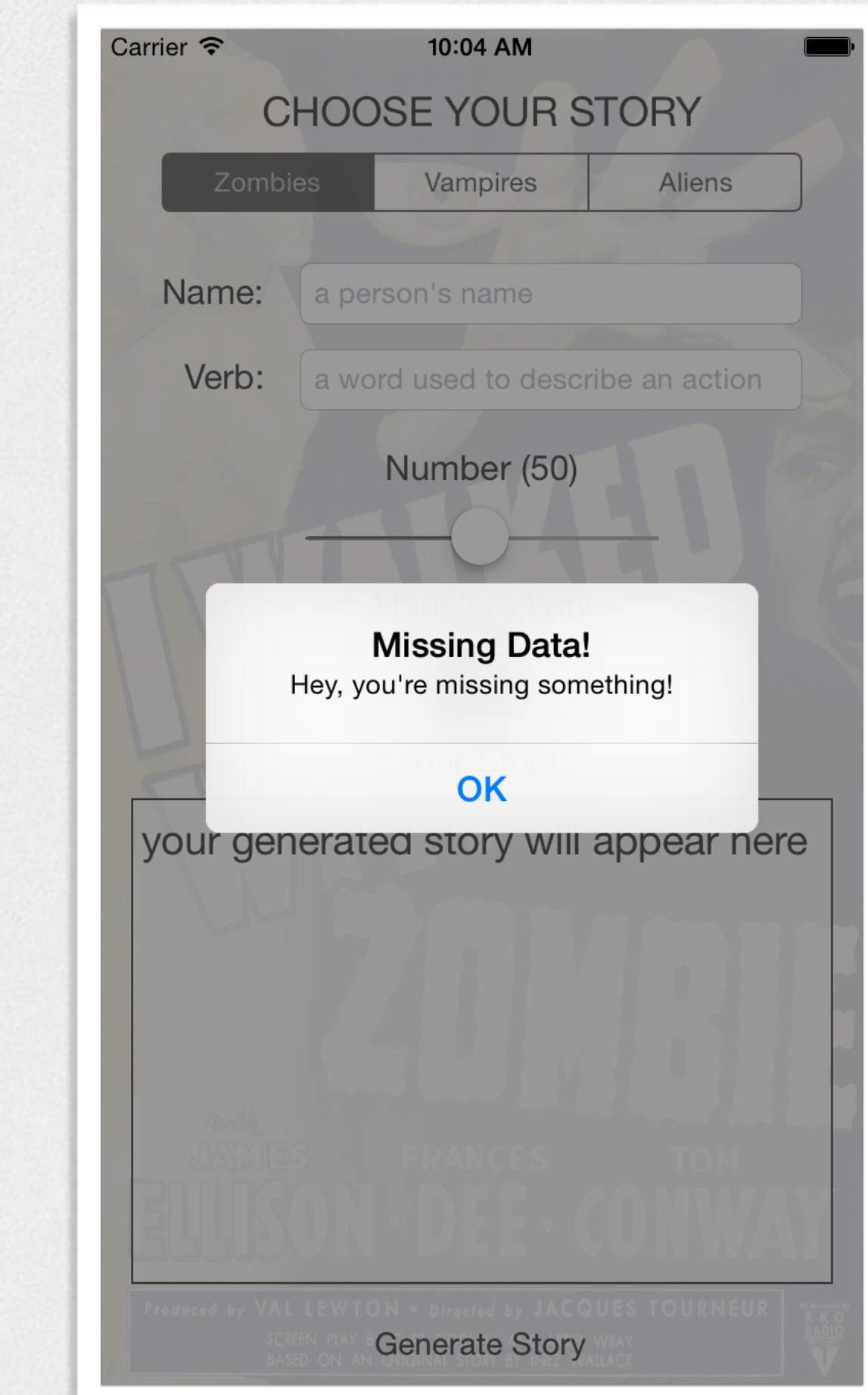


Hints Challenge A:

1. Add code to showAlert()
2. Add code to generateStory()

Hints Challenge B:

1. Add code to checkValidationStatus()
2. Use TextField Protocol & Delegate
3. Make four calls to checkValidationStatus()



Challenge Accepted!

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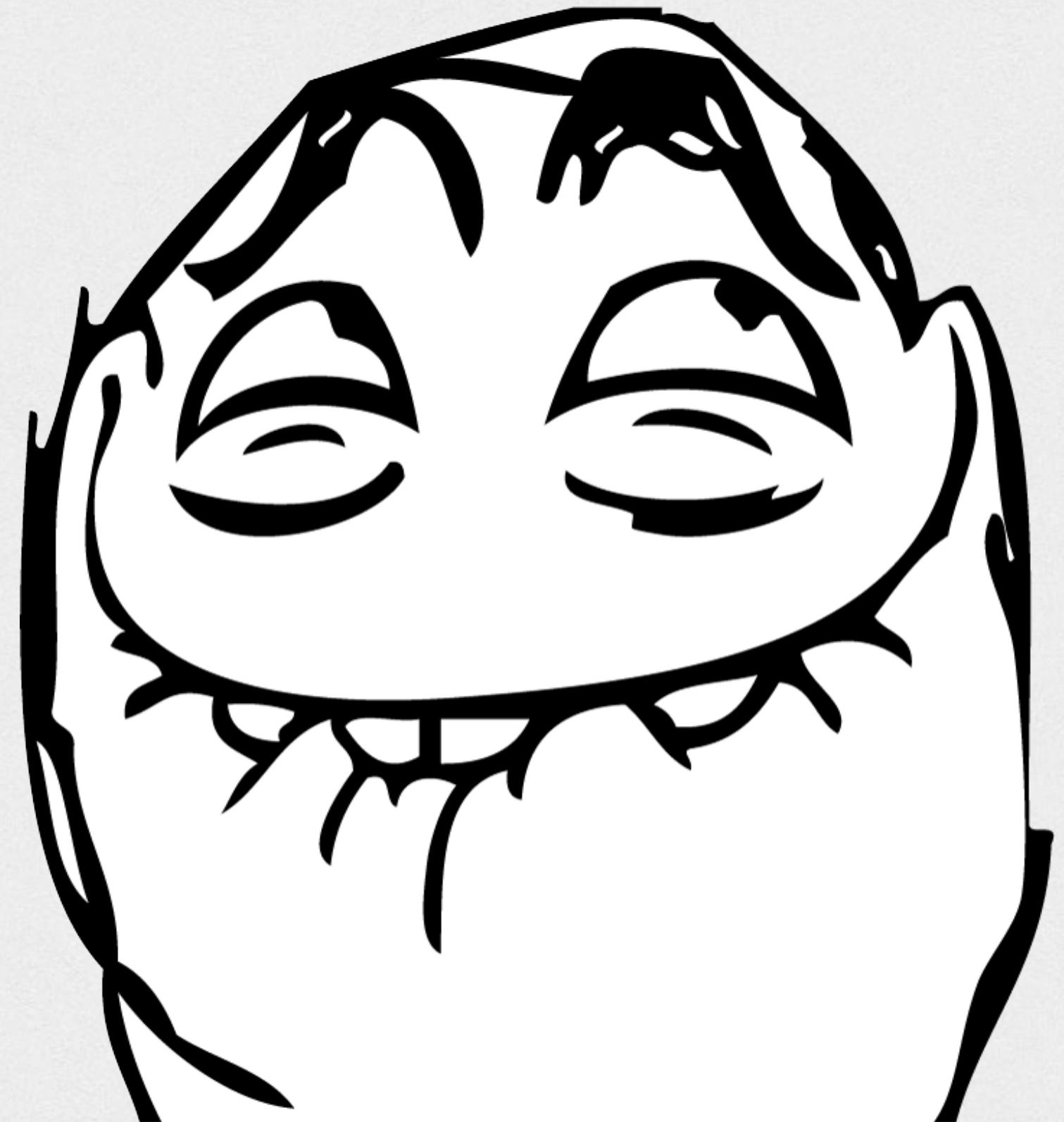
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Part 5: Conclusion



Where To Go From Here?

- ⚙ Continue Your Journey
- ⚙ Practice, Practice, Practice
- ⚙ Add More To This App
 - ⚙ iOS Apprentice Review Part 2
- ⚙ Drop me a note anytime! :]
- ⚙ @paradox927



Whoa! You did it.

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Toppers to
you, m8!

fin