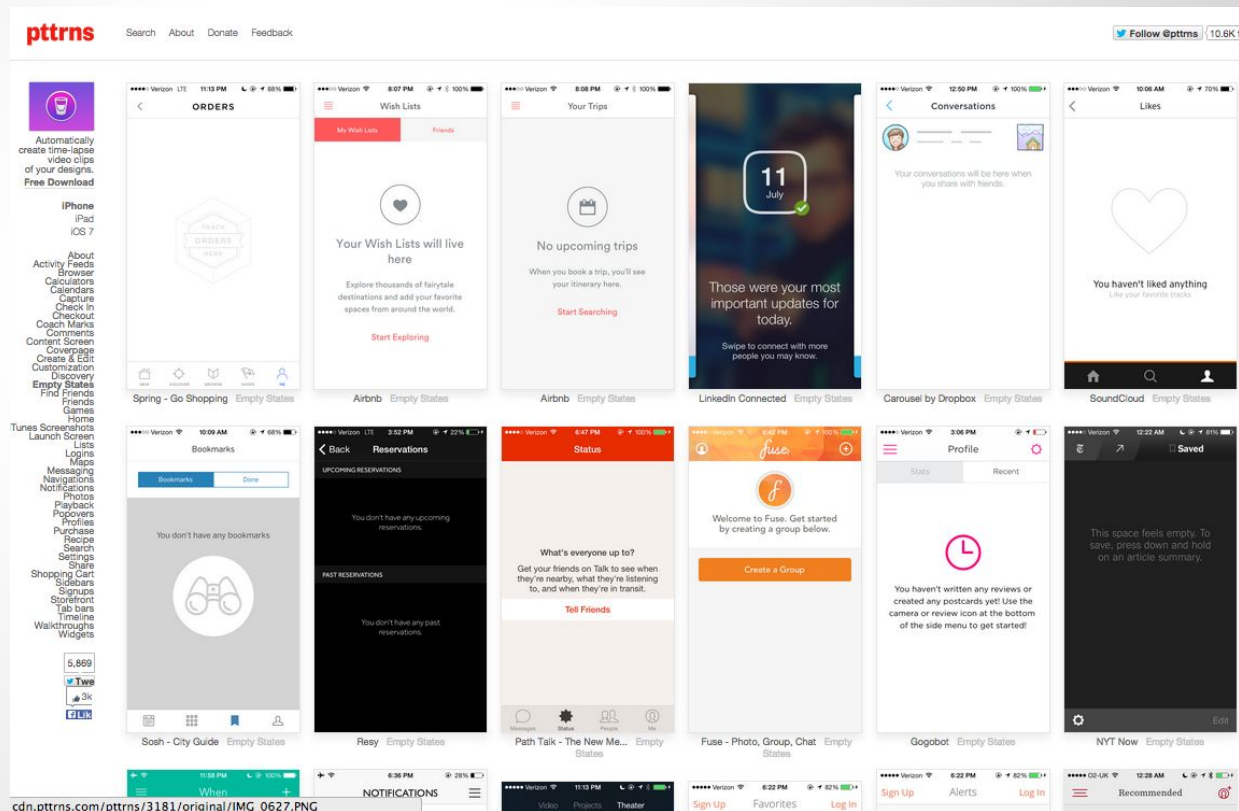# iOS Development

Architecting iOS Apps

Business Logic

pttrns

Topics

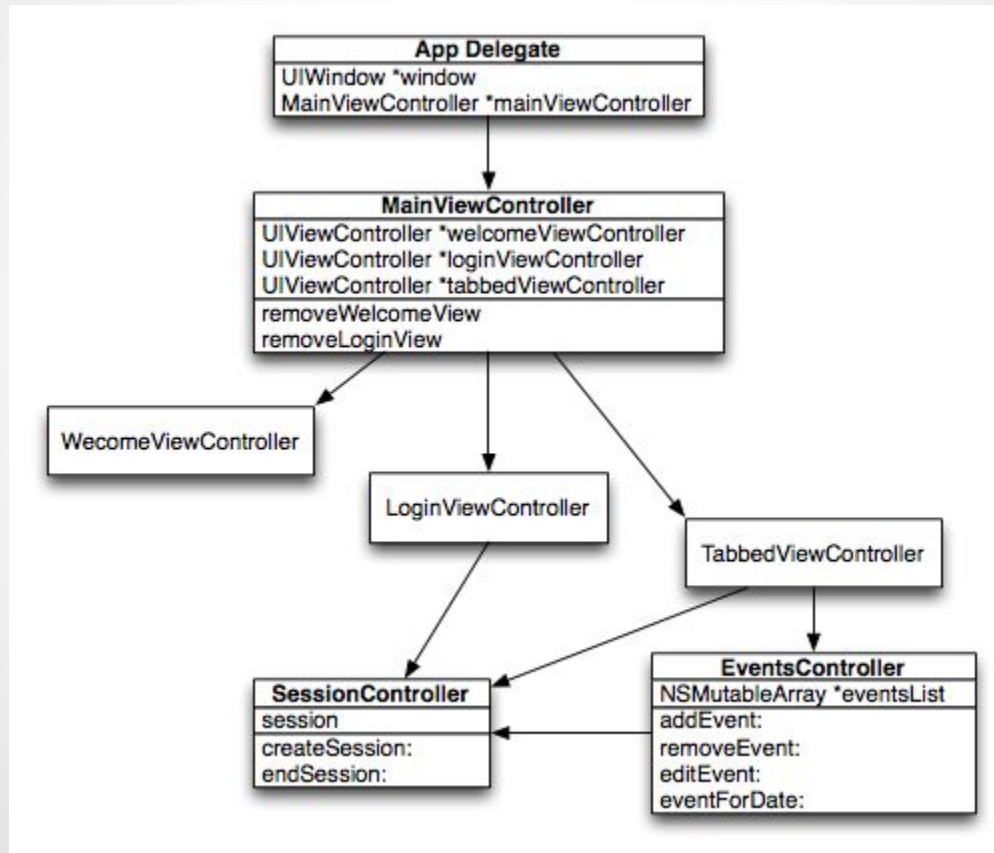Setting up Root View Controllers

Design Patterns

Modularization

Setting up a Main View Controller

A Main View Controller is launched from your App Delegate or Storyboard

It controls which subview is initially shown. Also controls if the main subview needs to be swapped out for another.

Class Diagrams

Design Patterns

Singletons - Only one instance will ever exist

Factories - Objects whose sole purpose is to produce other objects. Ex. (JSON -> Swift object, or `MazeFactory.createMaze()`)

Model-View-Controller - Architect Apple uses for interface development

Modularization

Wrap functionality into their own classes

Any kind functionality that needs to be accessed by several items is a candidate for a singleton

Architecting iOS Apps

Demo