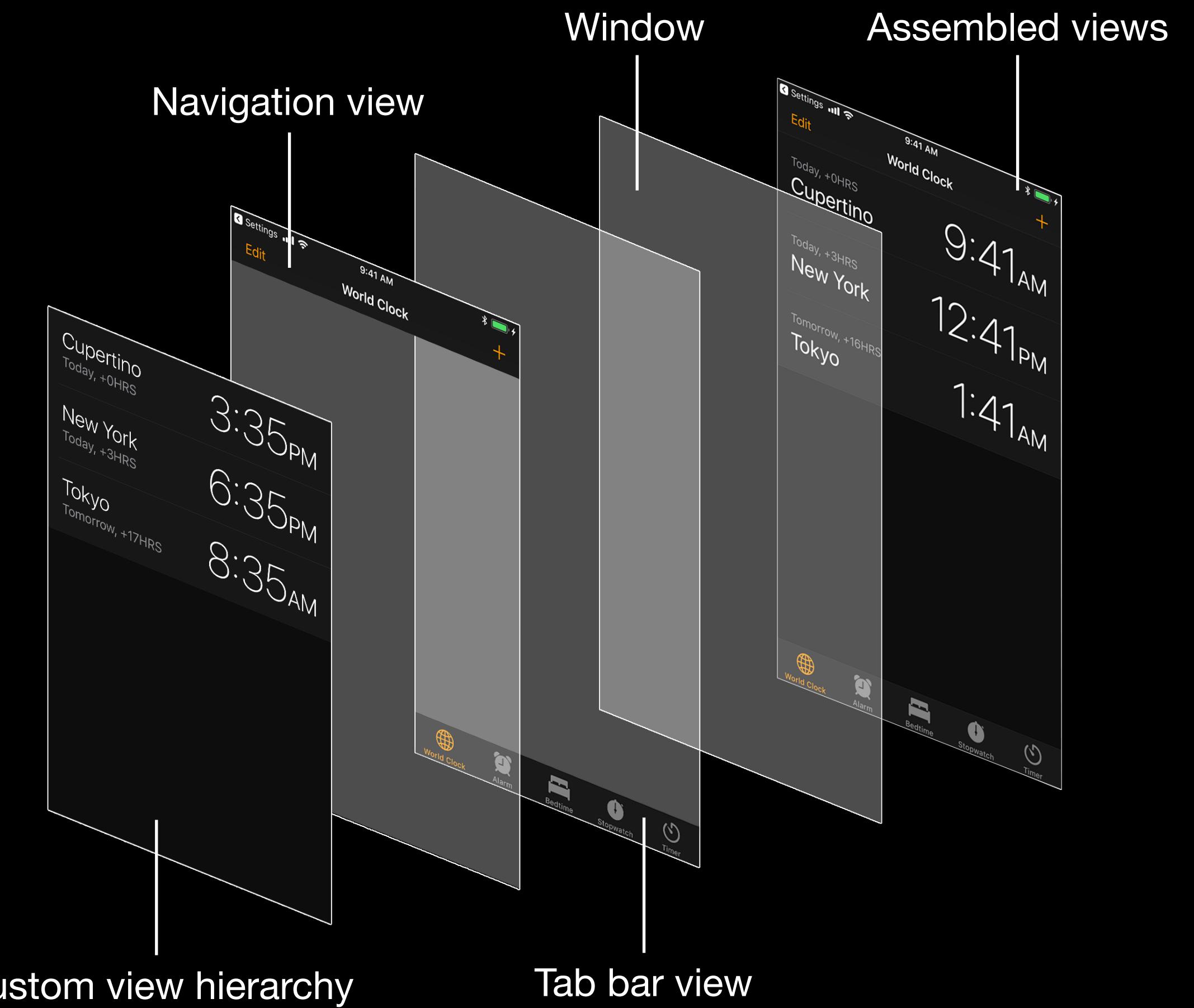


Unit 2—Lesson 7:

Introduction to UIKit

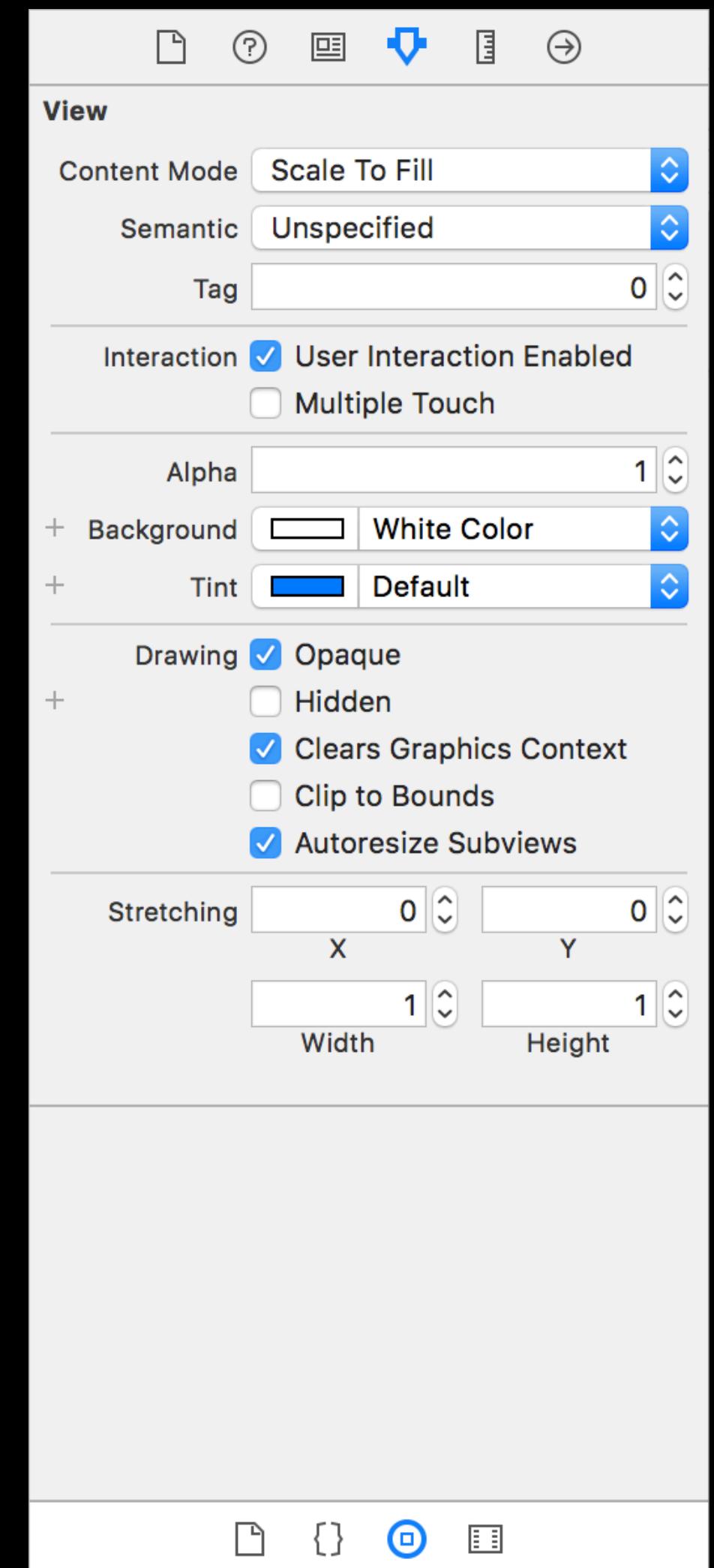
Common system views



Common system views

Configuration

Property	Description
Size	Width and height of the view
Position	Position of the view onscreen
Alpha	Transparency of the view
Background Color	Background color that will be displayed
Tag	Integer that you can use to identify view objects



Label (UILabel)

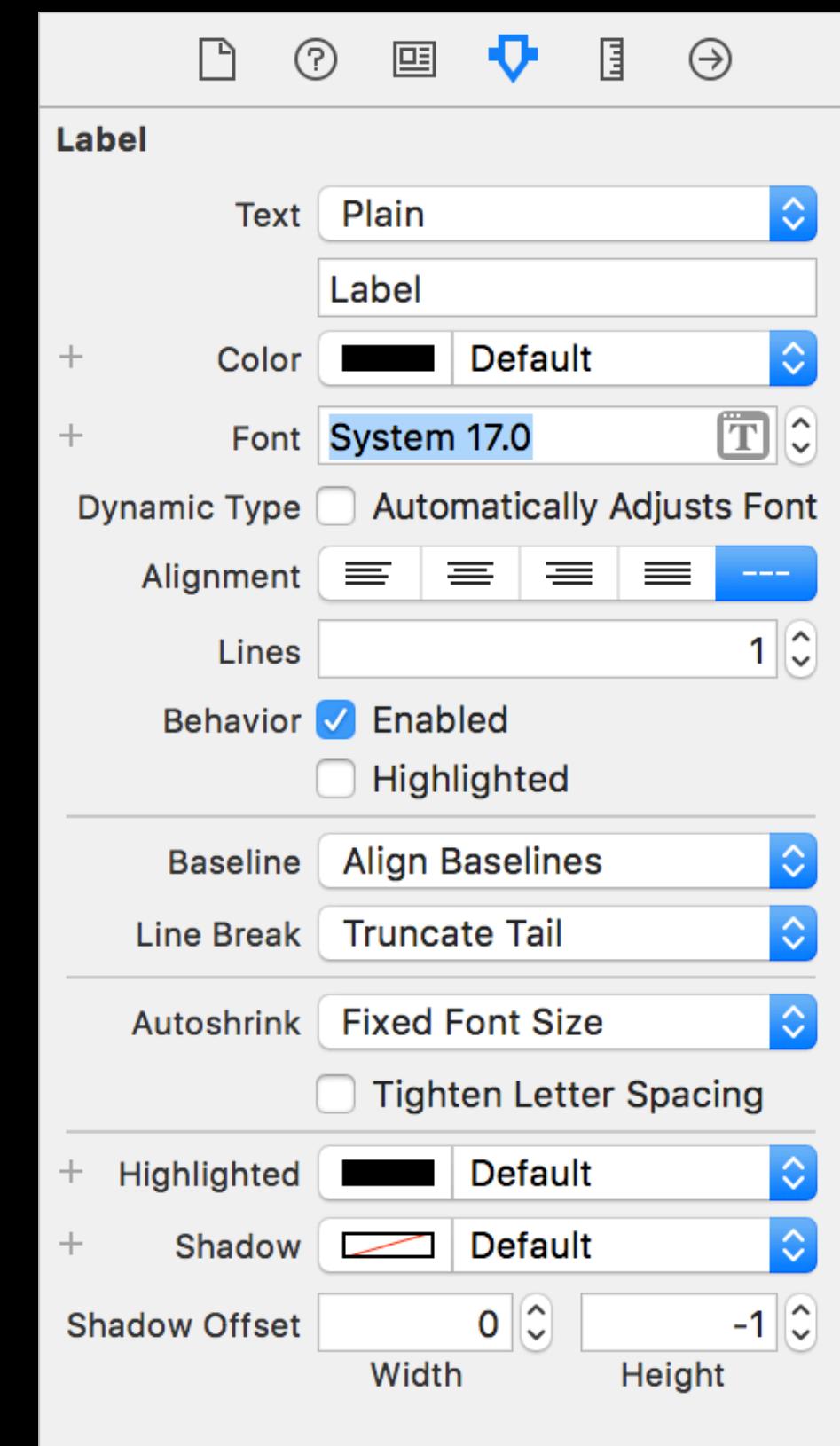
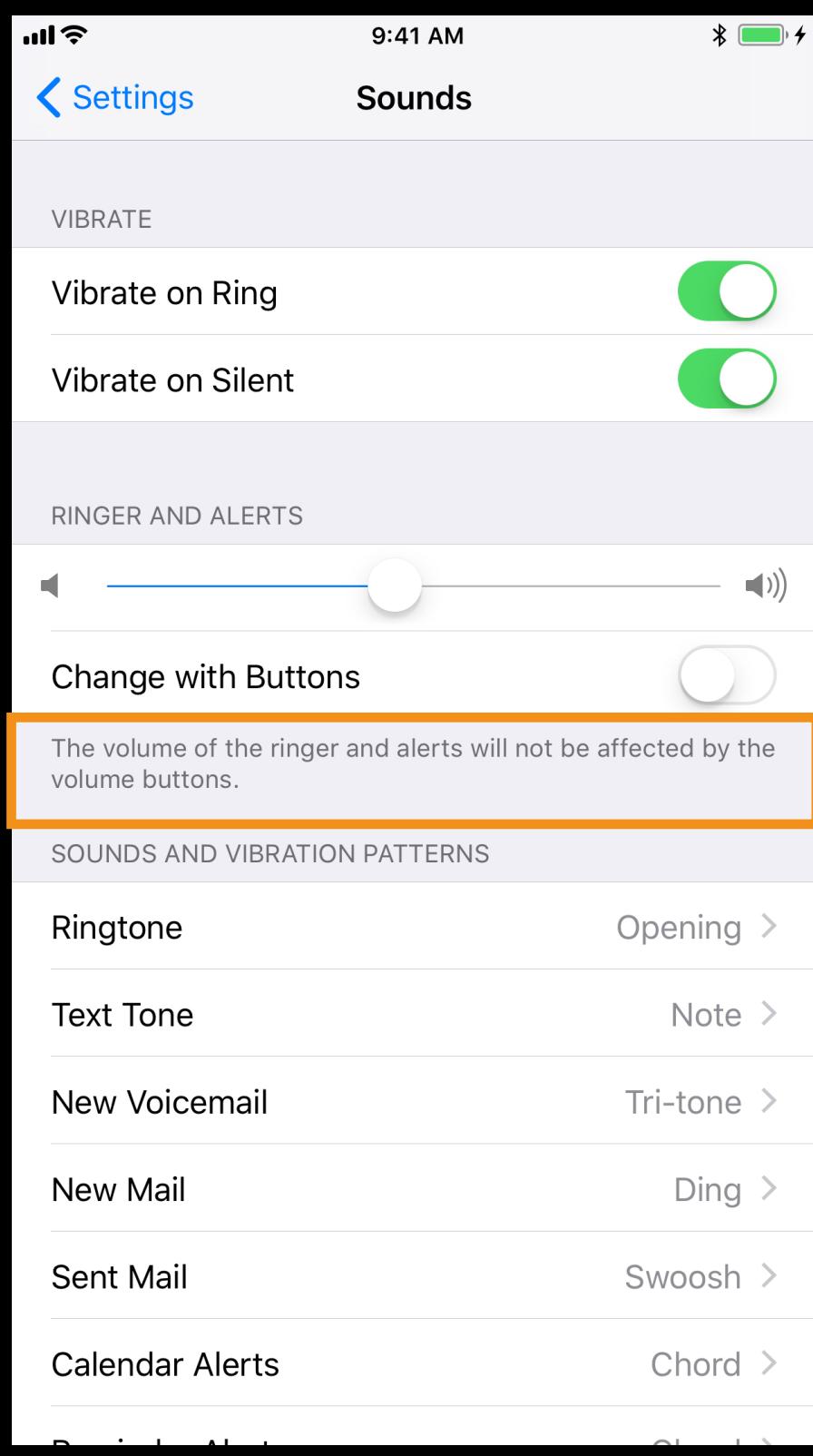
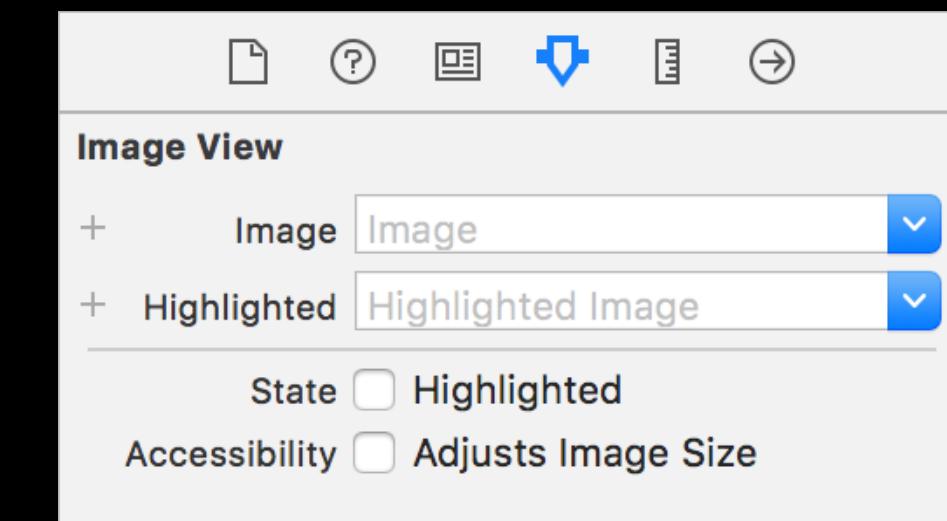
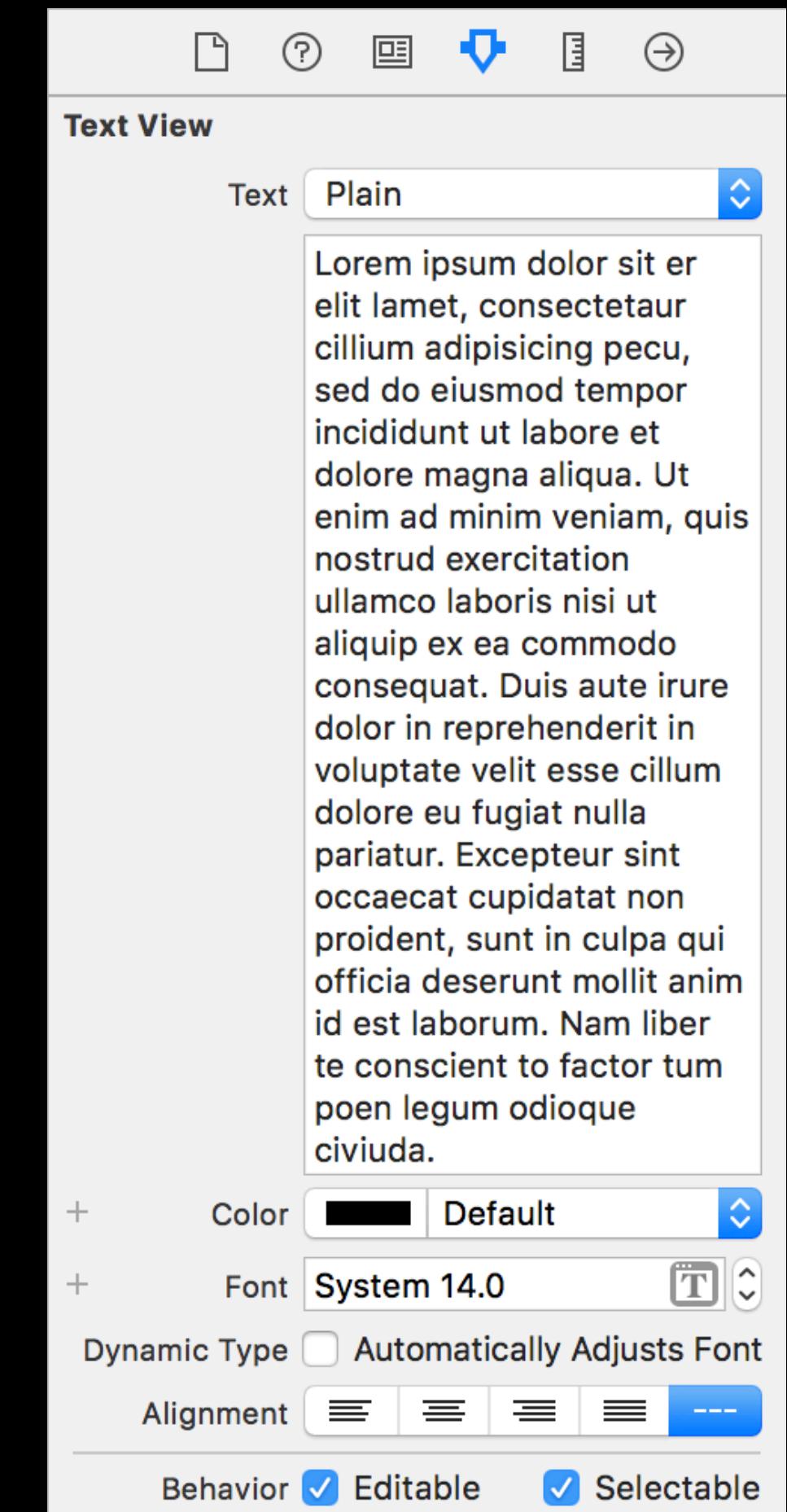
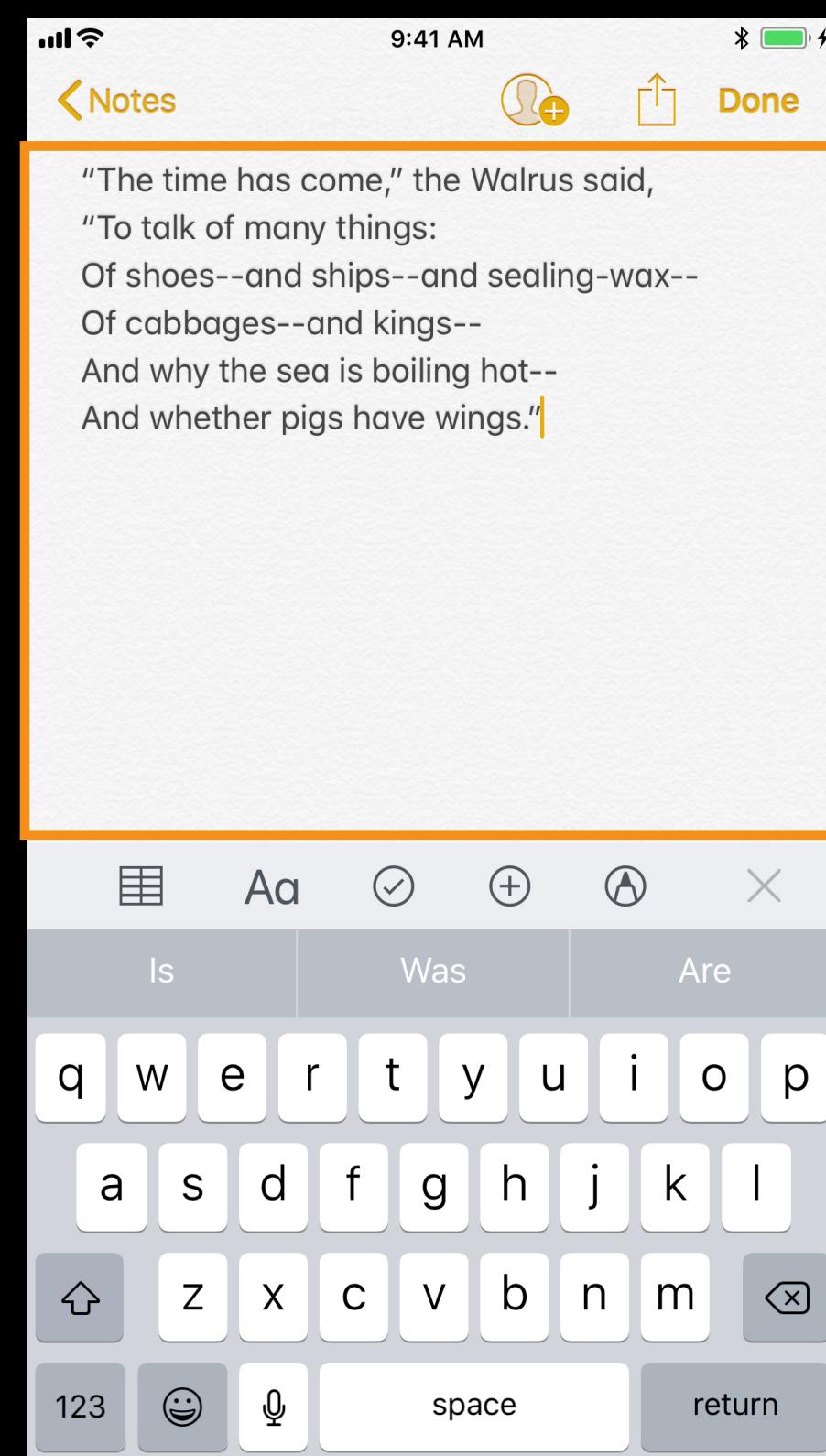


Image view (UIImageView)



Text view (UITextView)



ScrollView (UIScrollView)

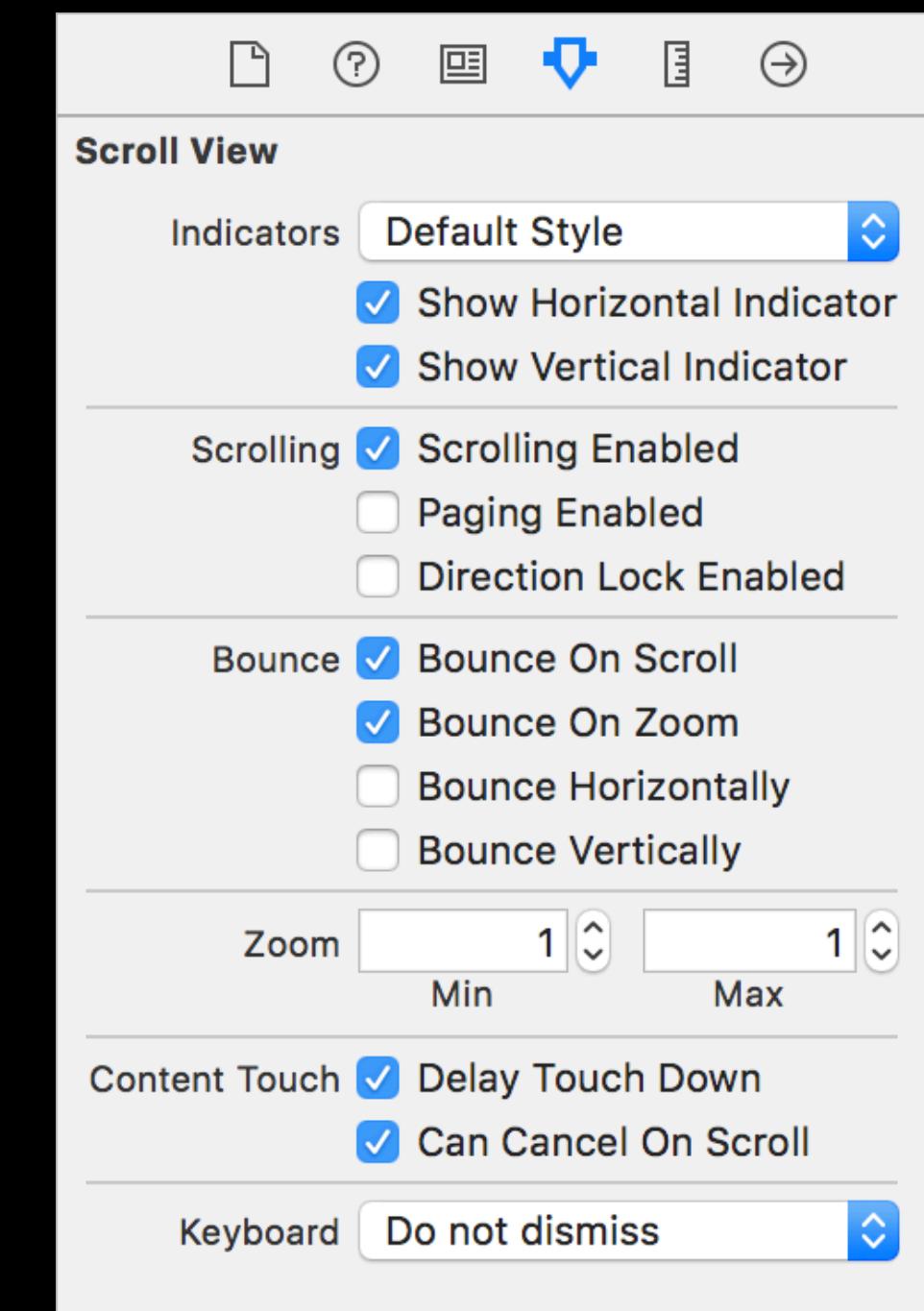
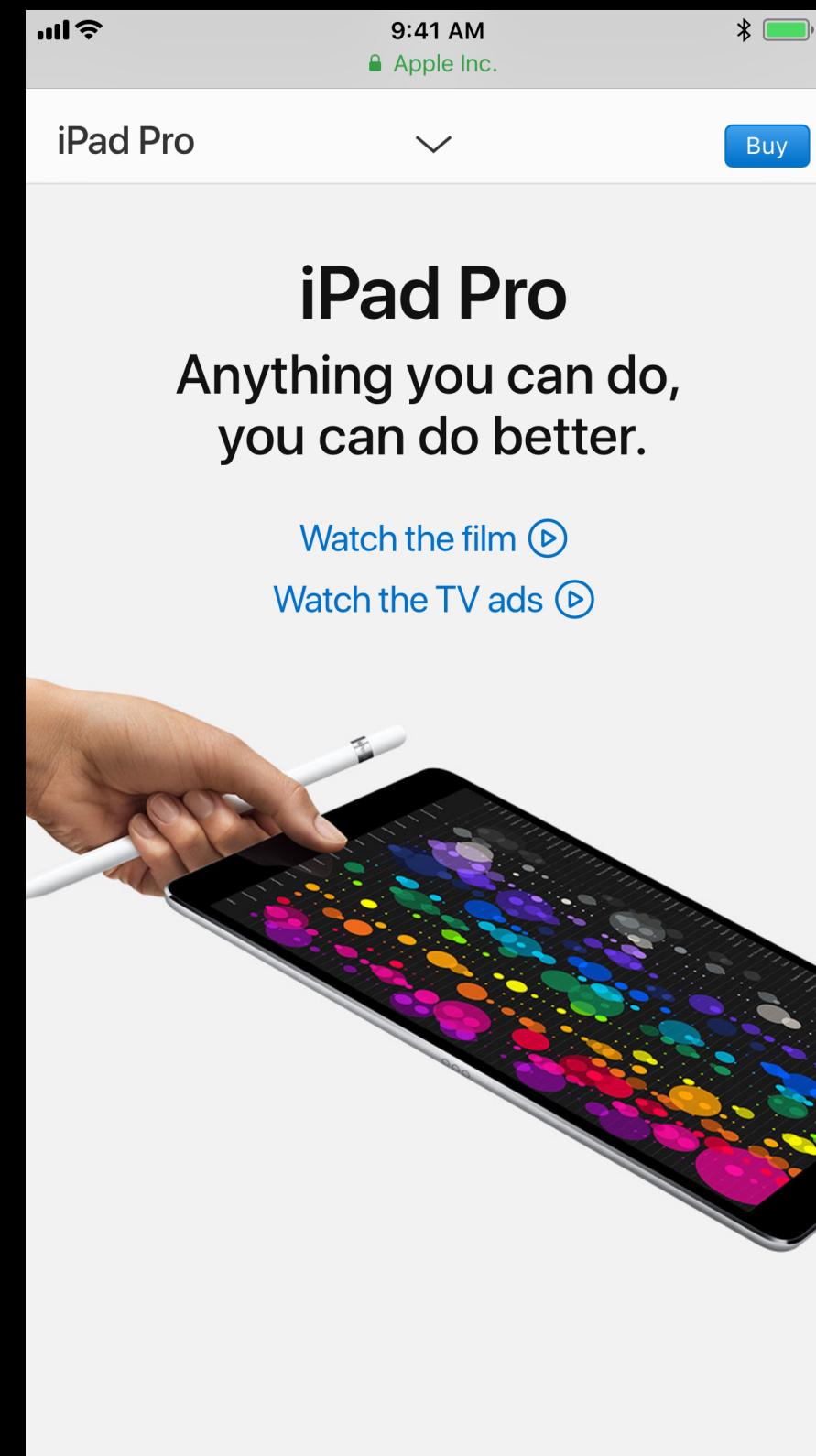
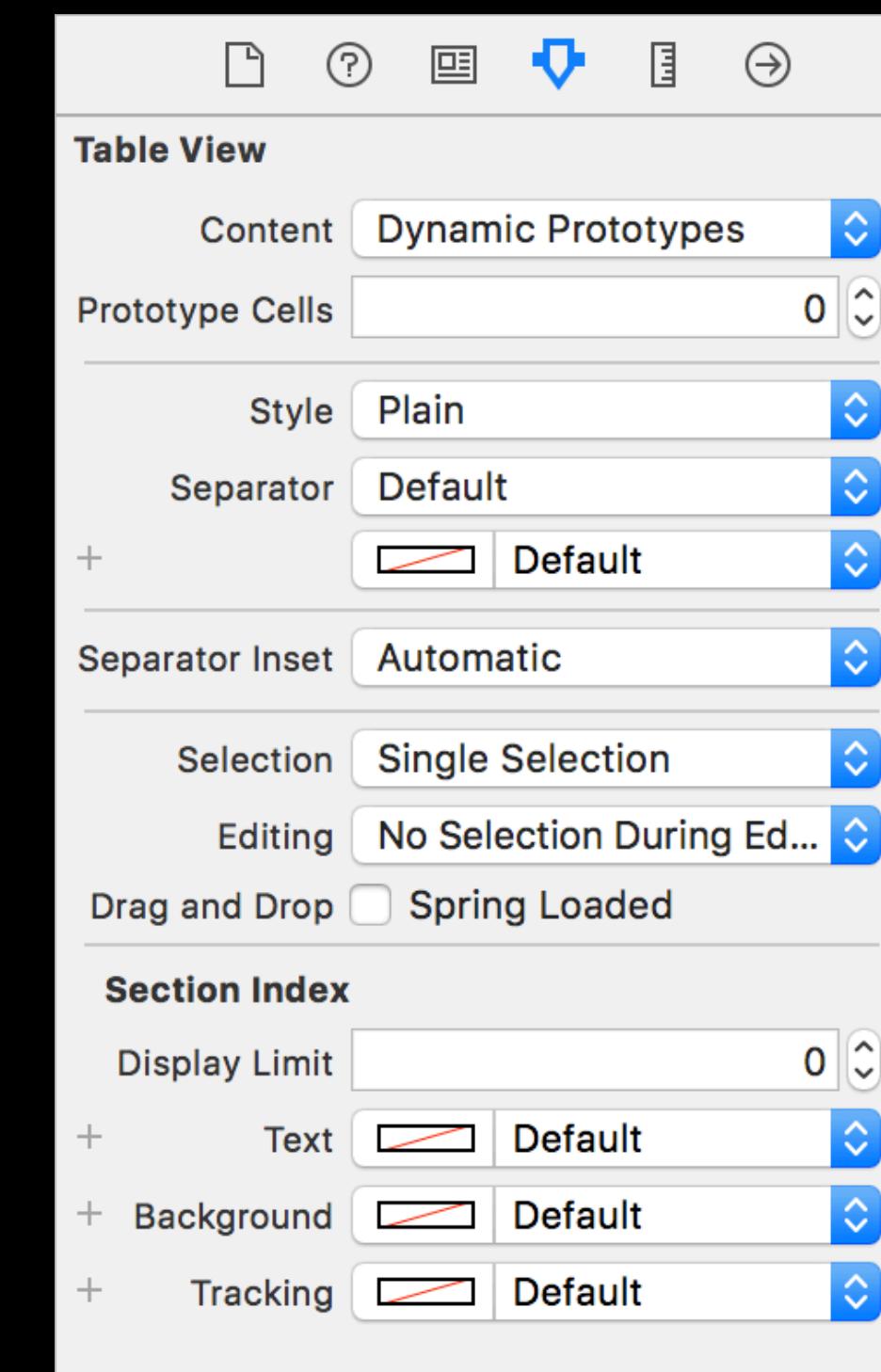
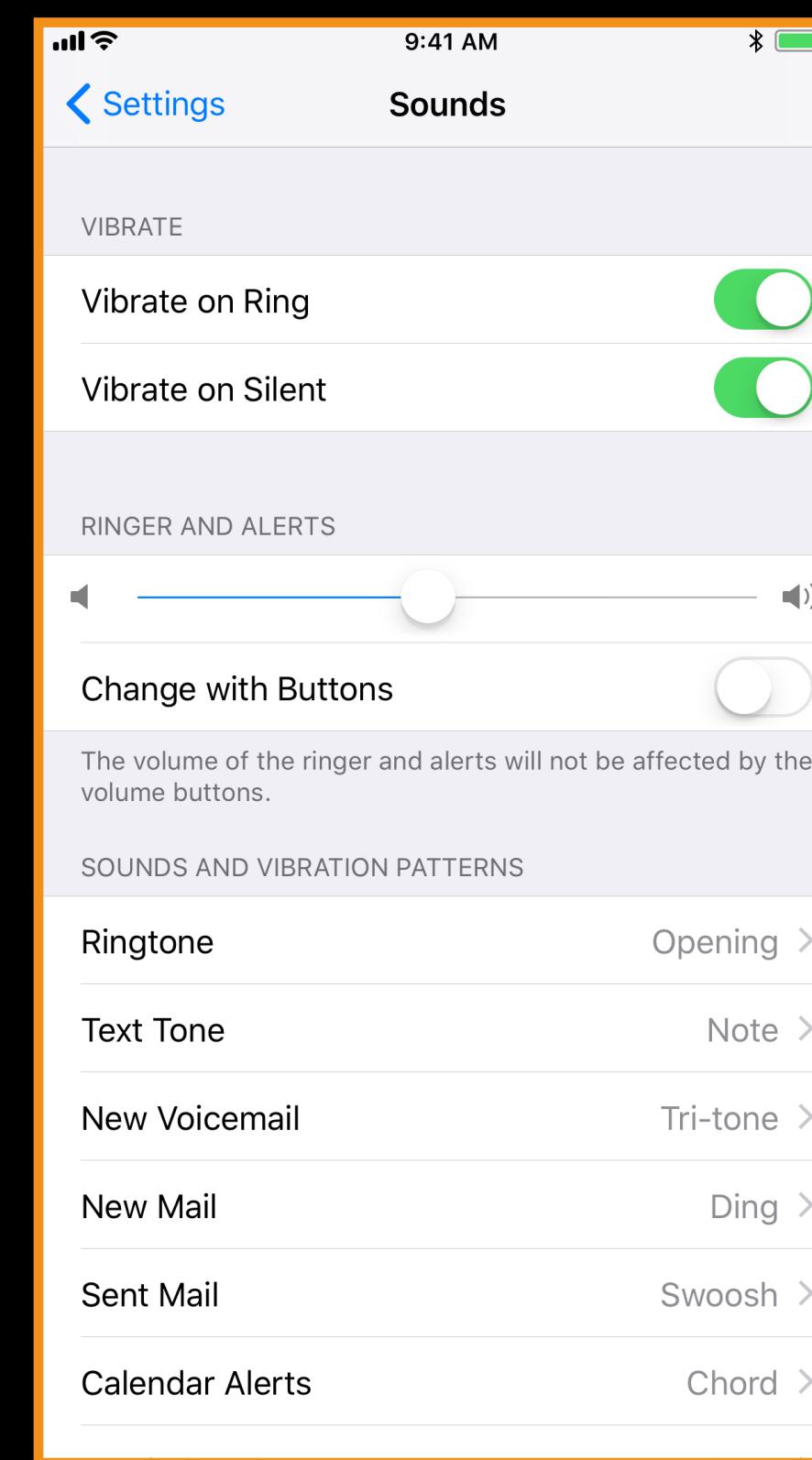
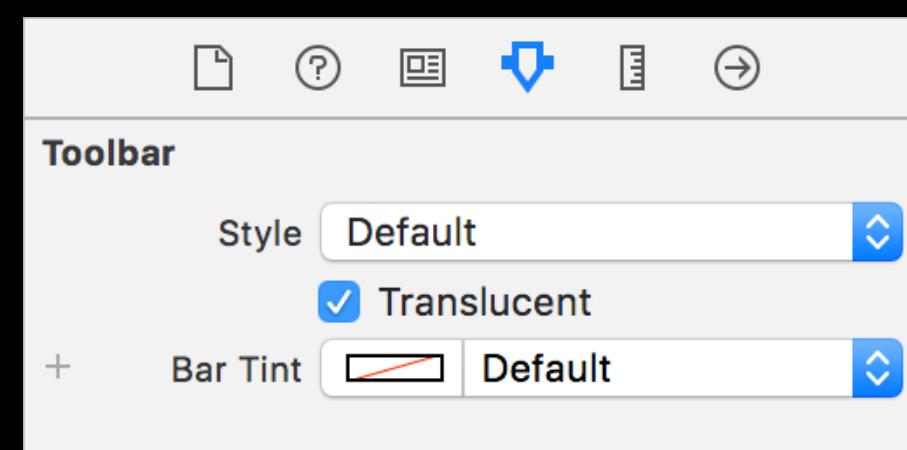
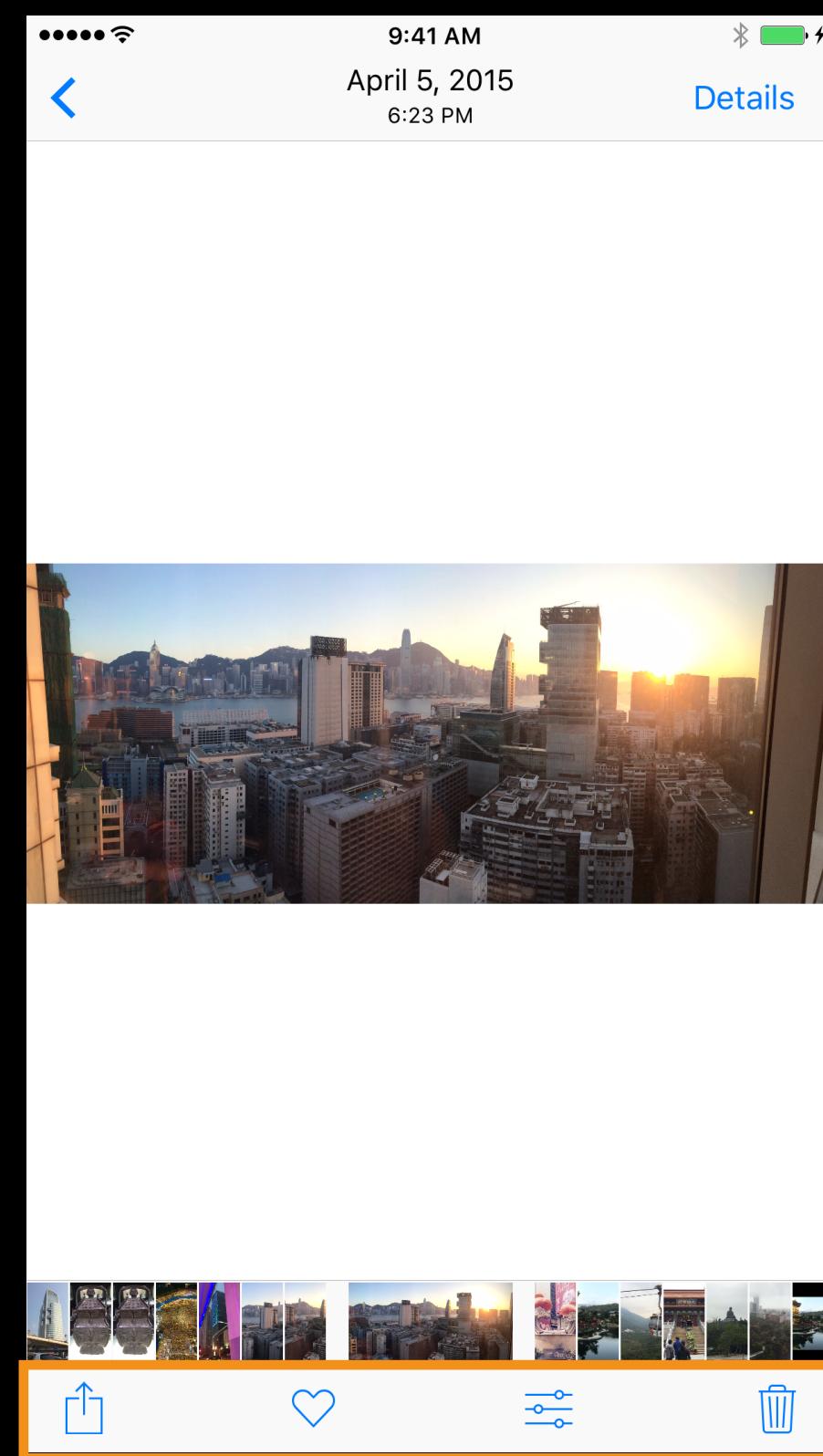


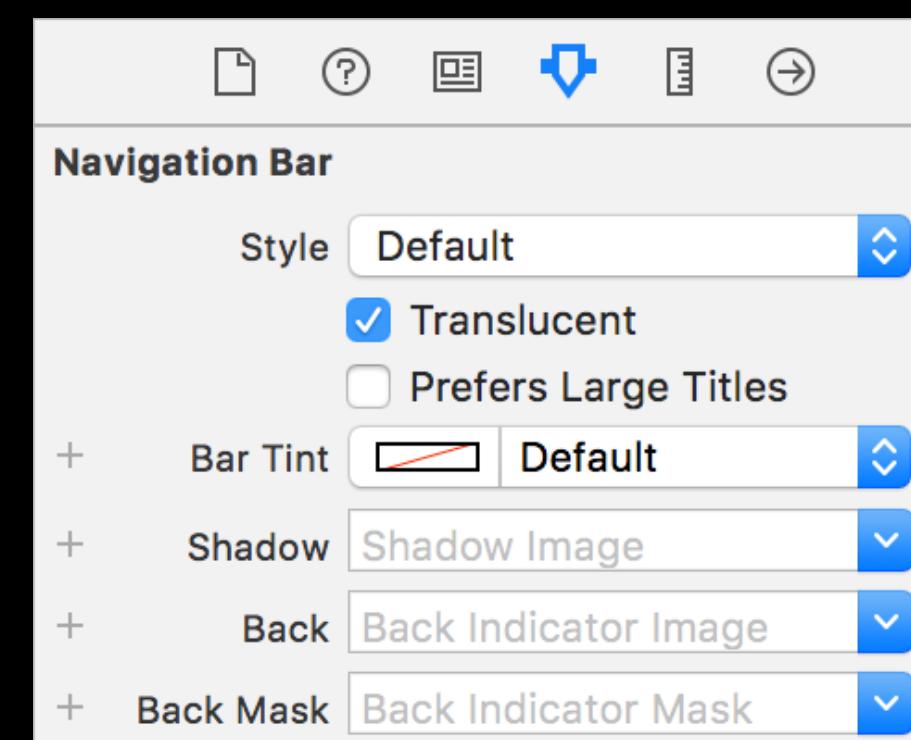
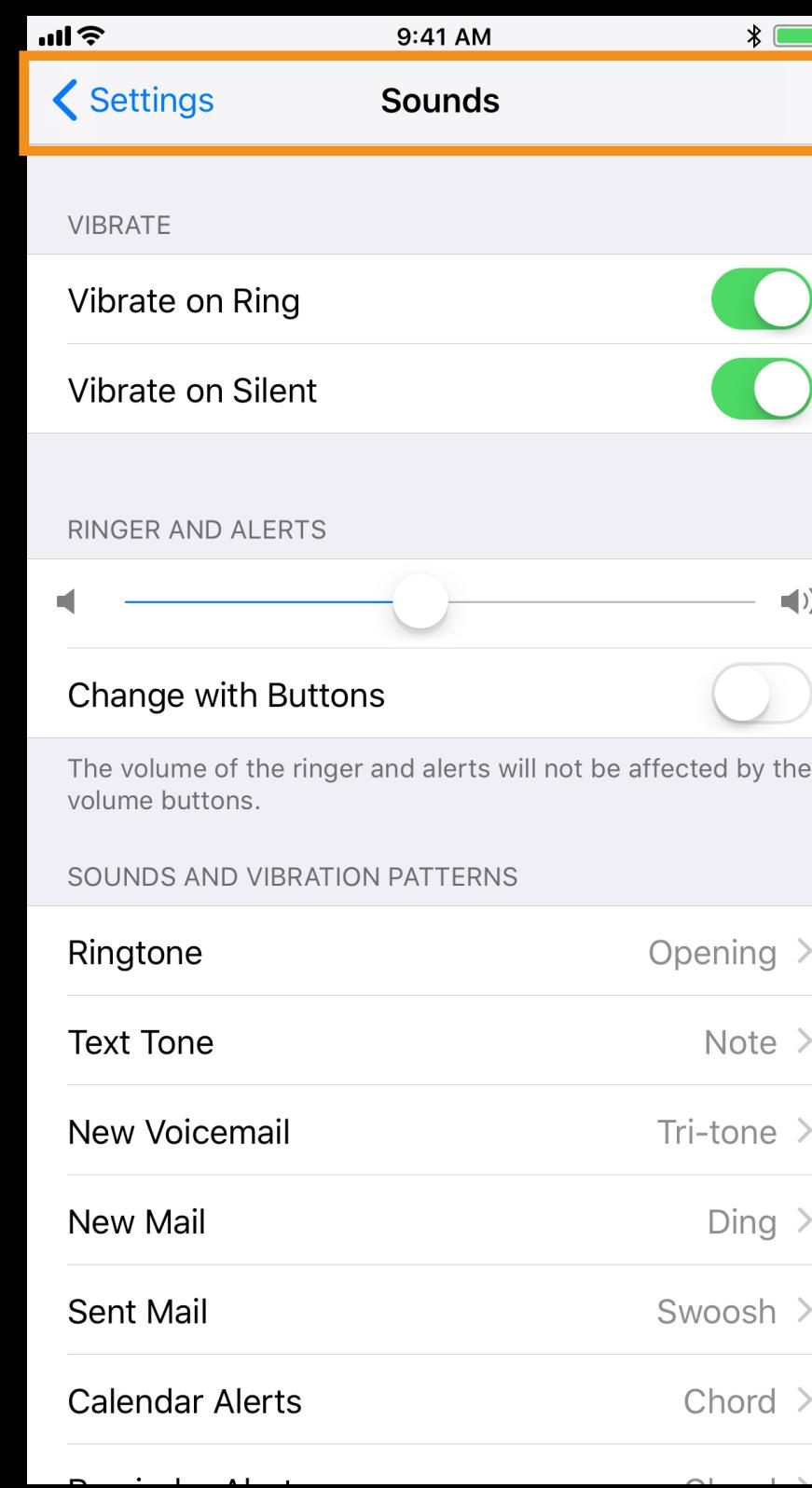
Table view (UITableView)



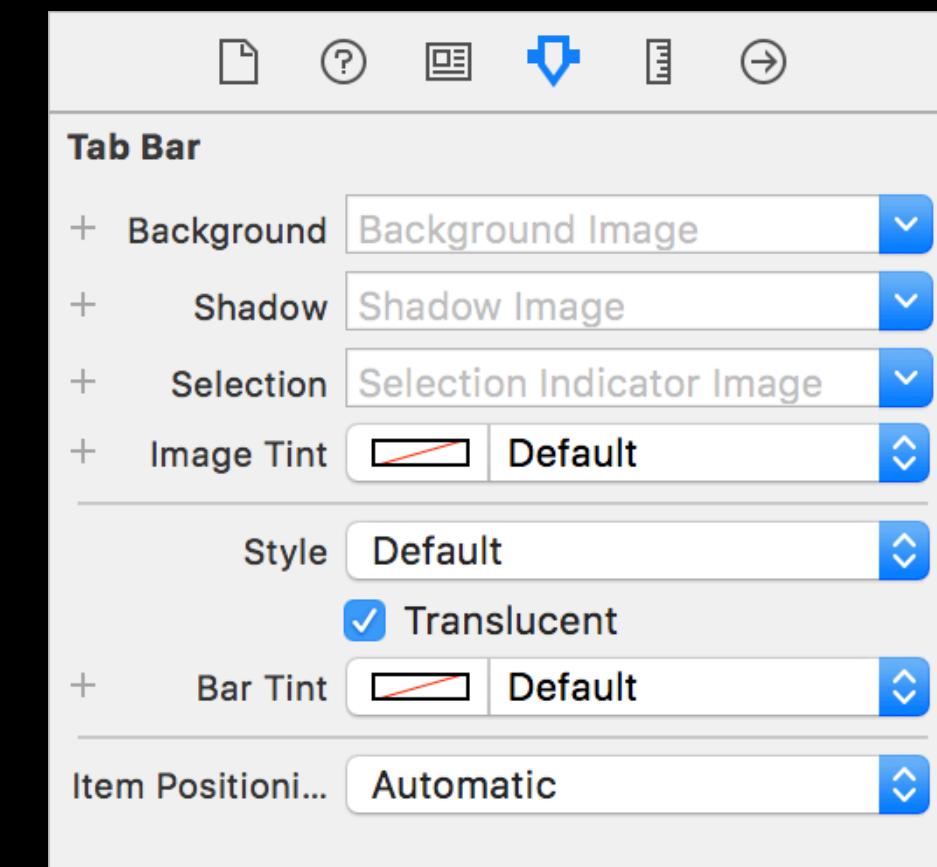
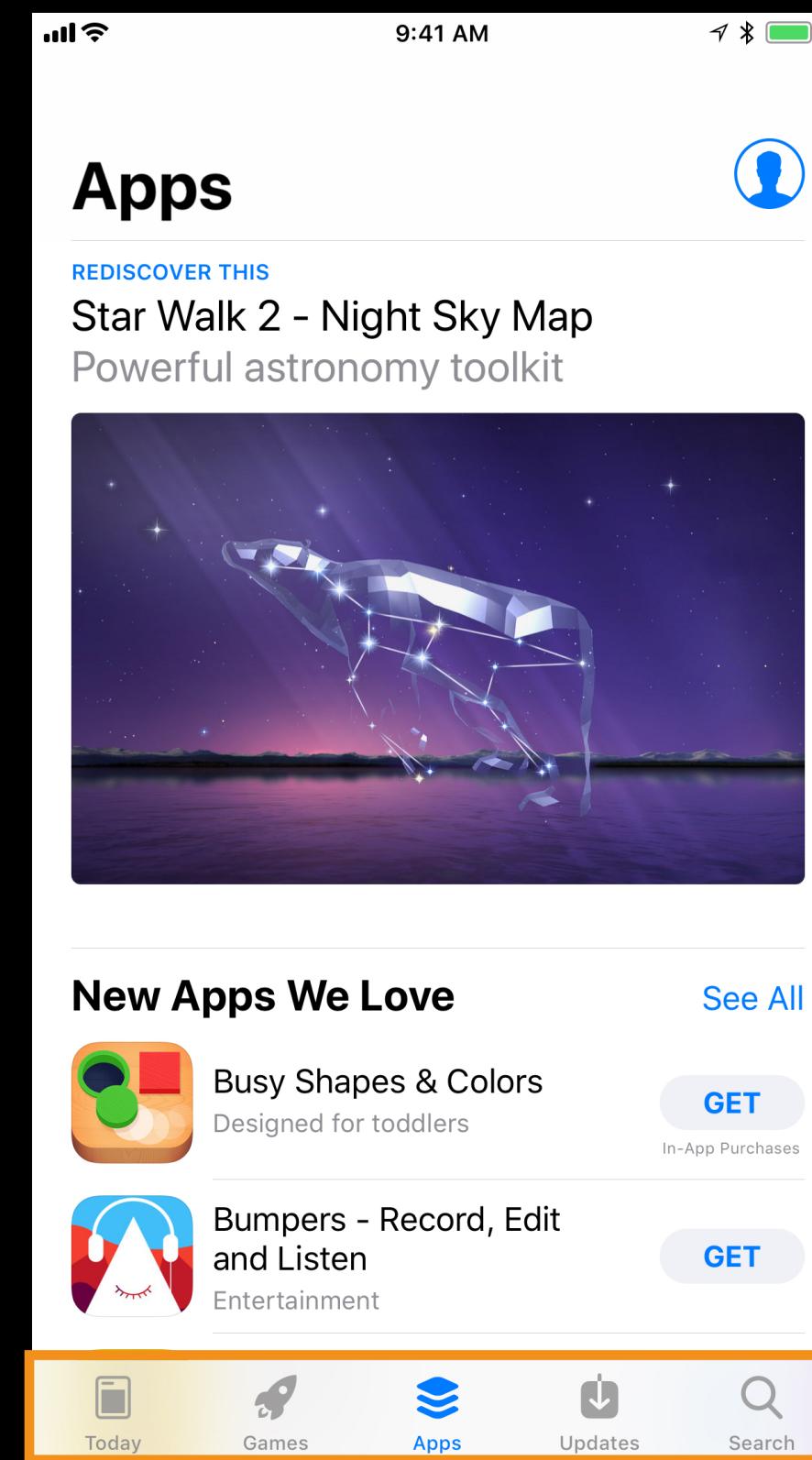
Toolbars (UIToolbar)



Navigation bars (UINavigationBar)

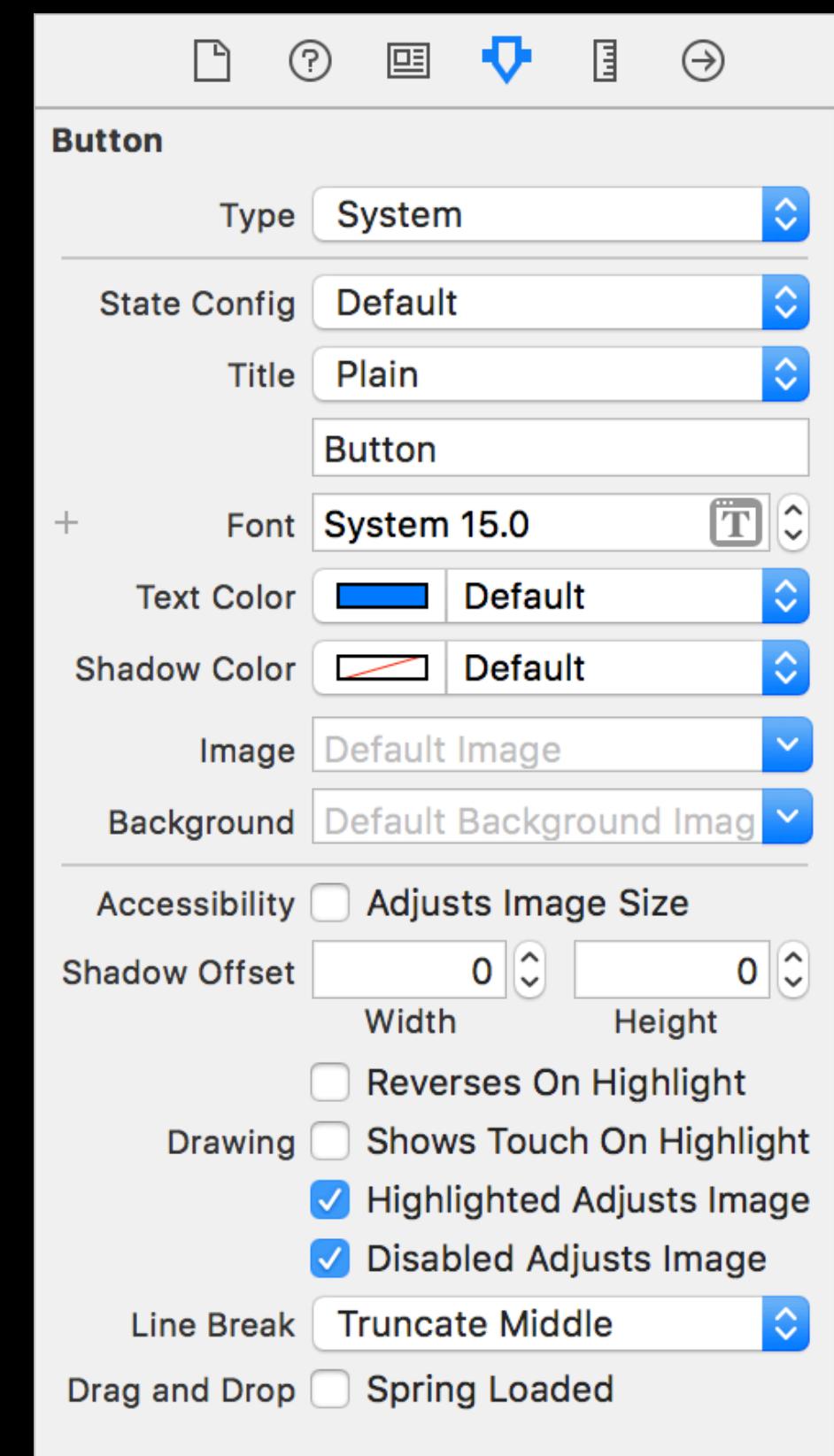
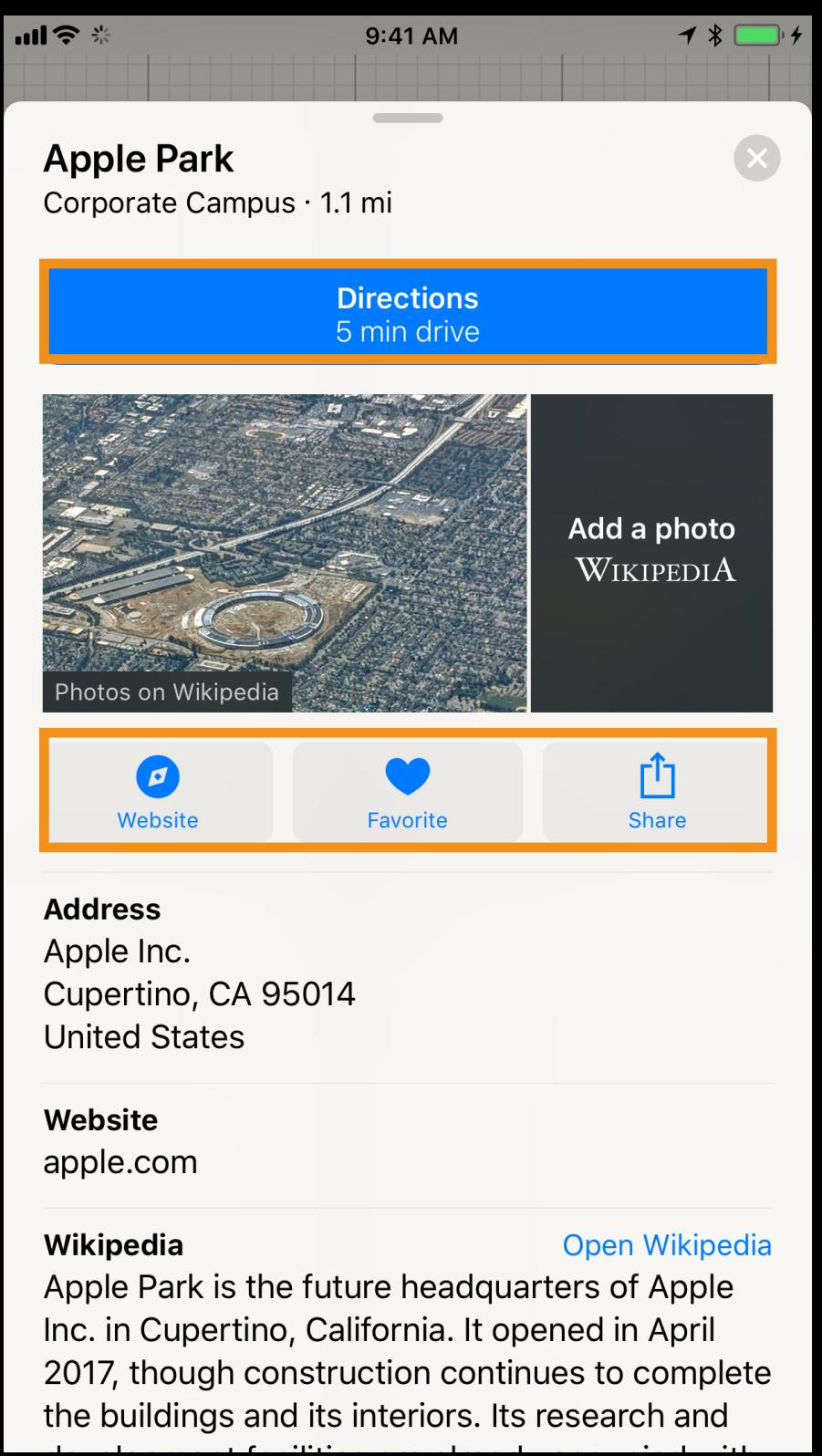


Tab bars (UITabBarController)

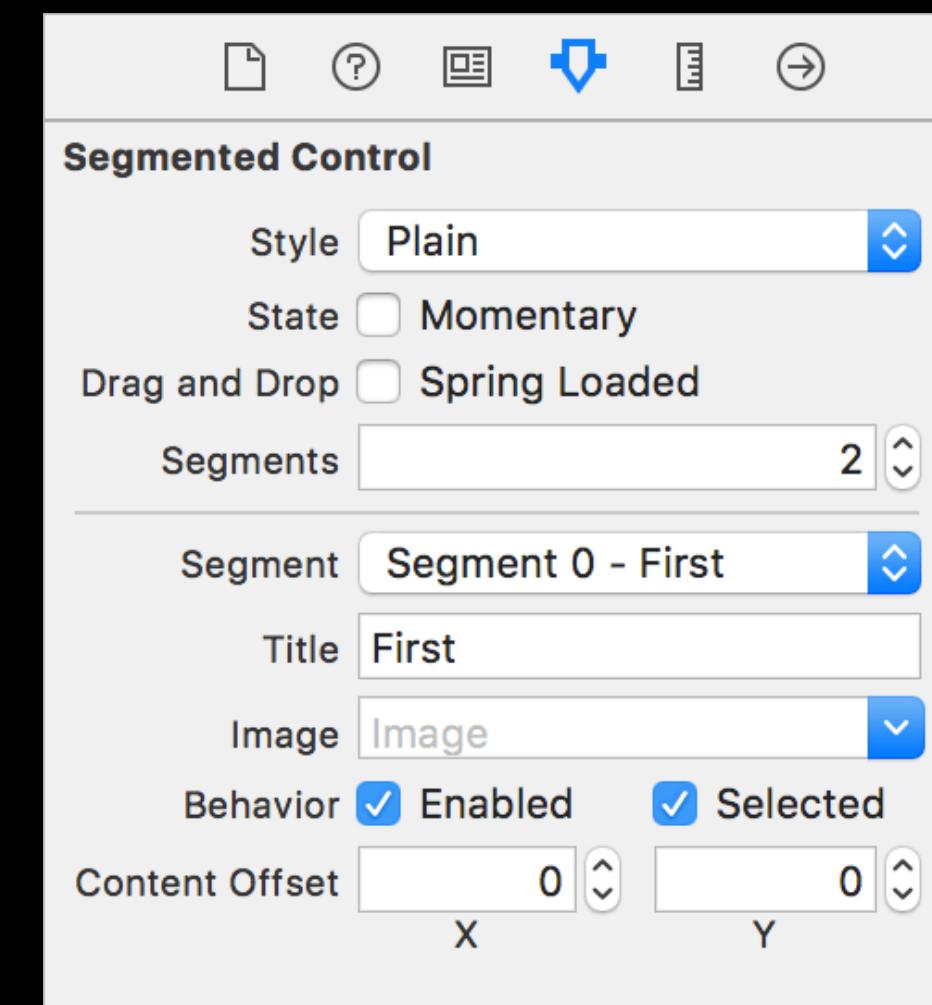
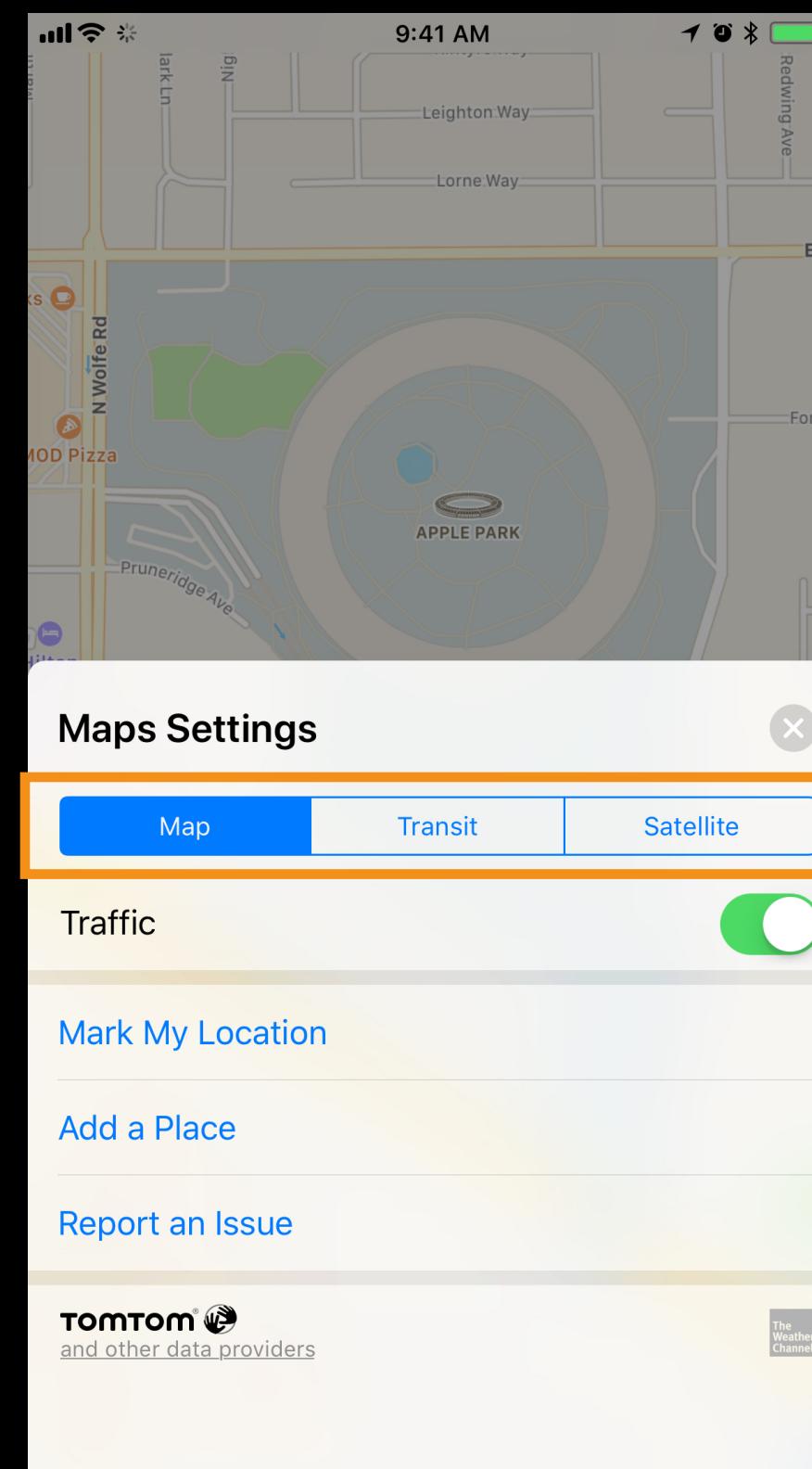


Controls

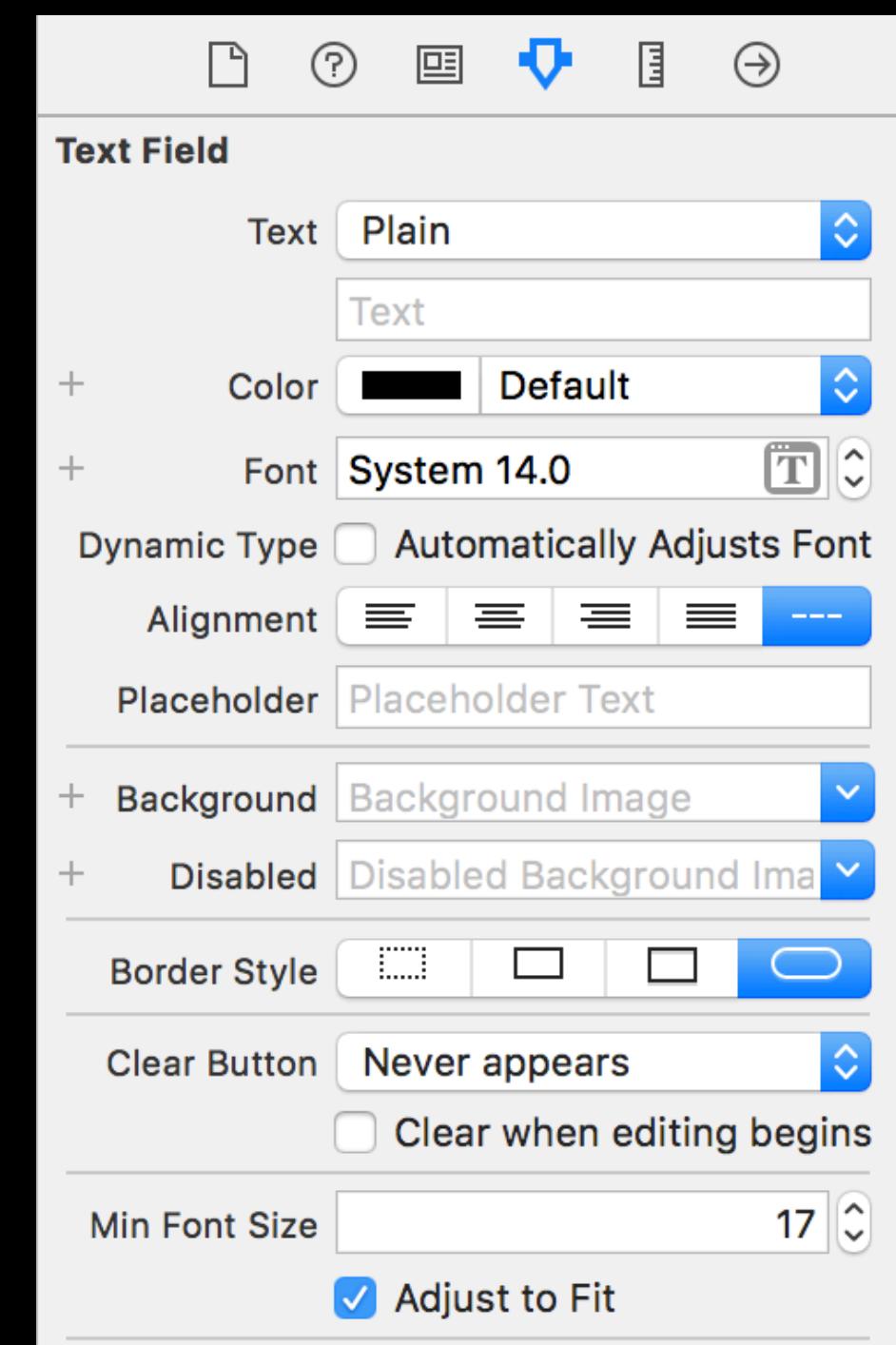
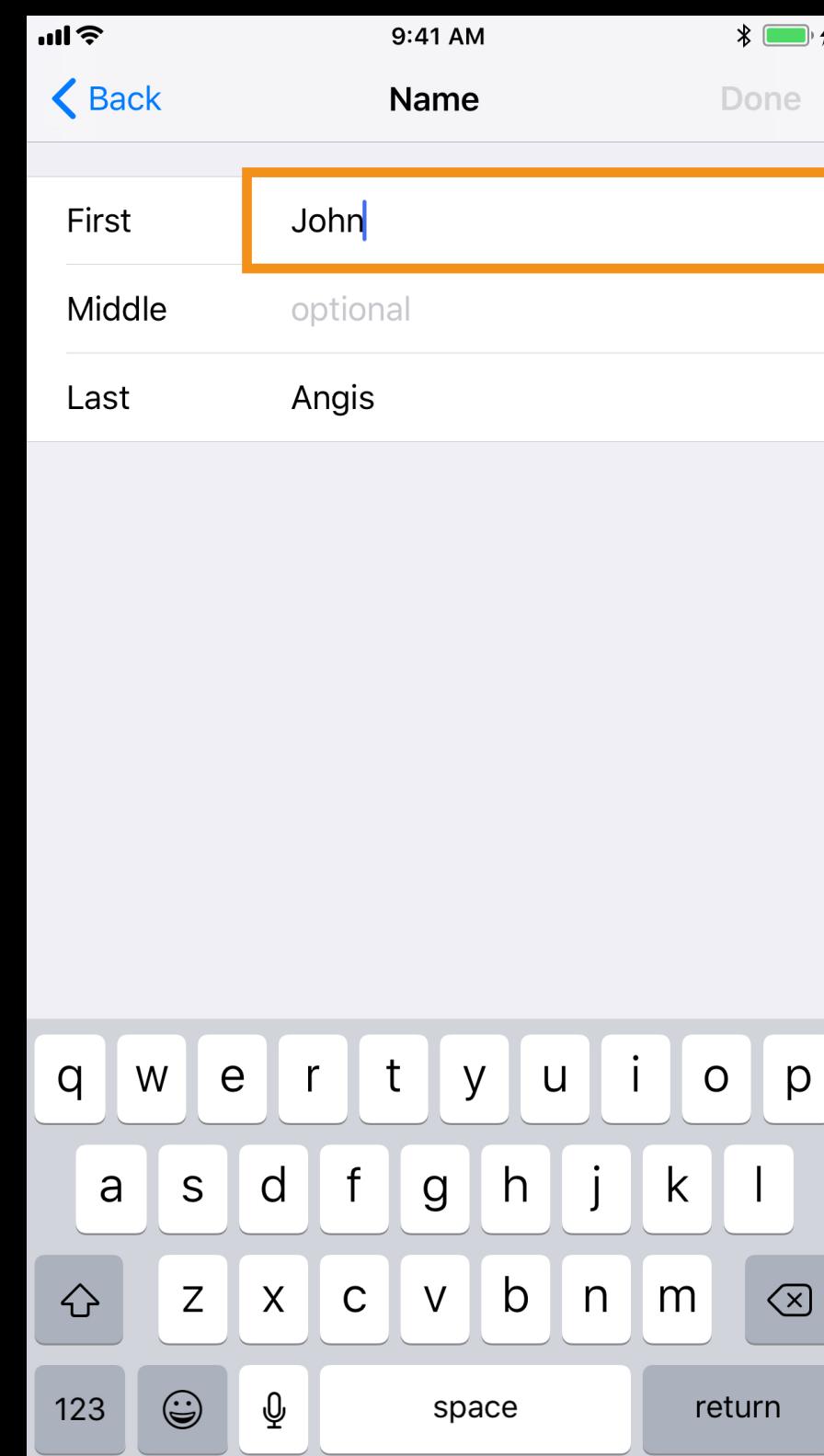
Buttons (UIButton)



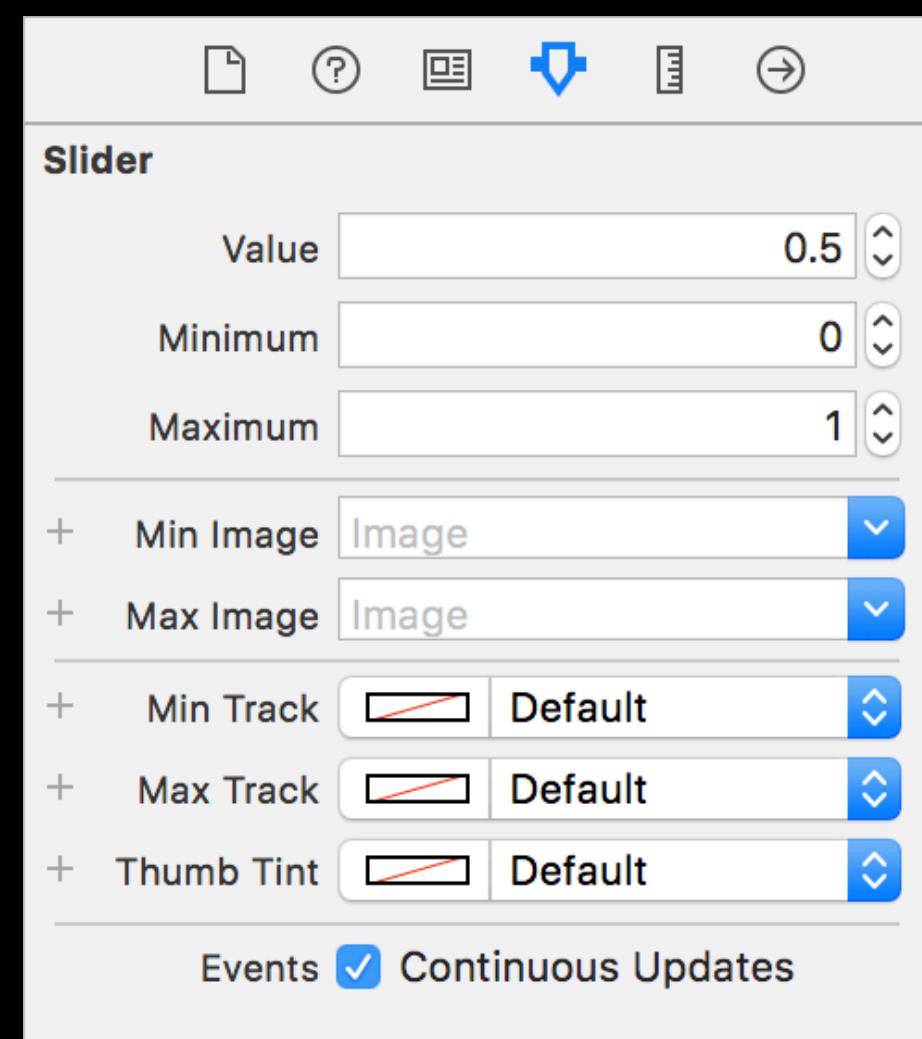
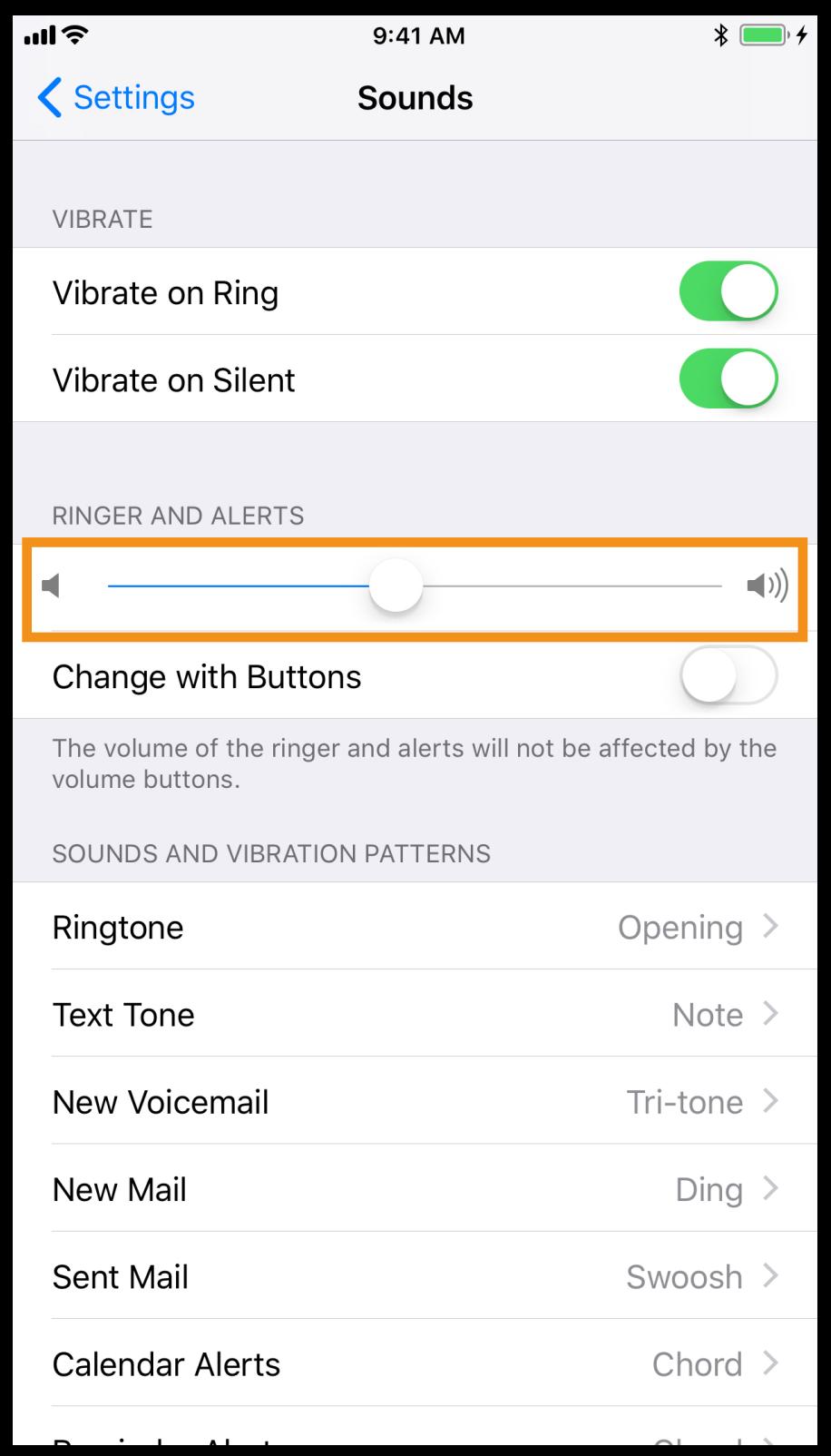
Segmented controls (UISegmentedControl)



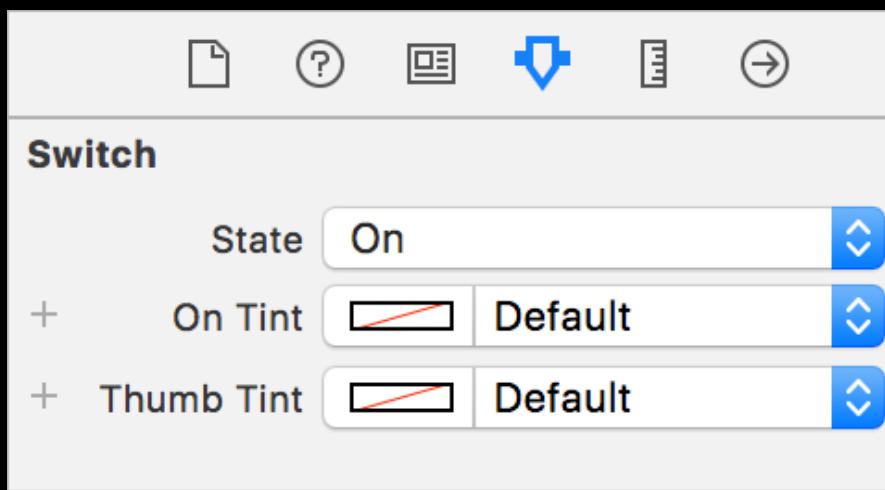
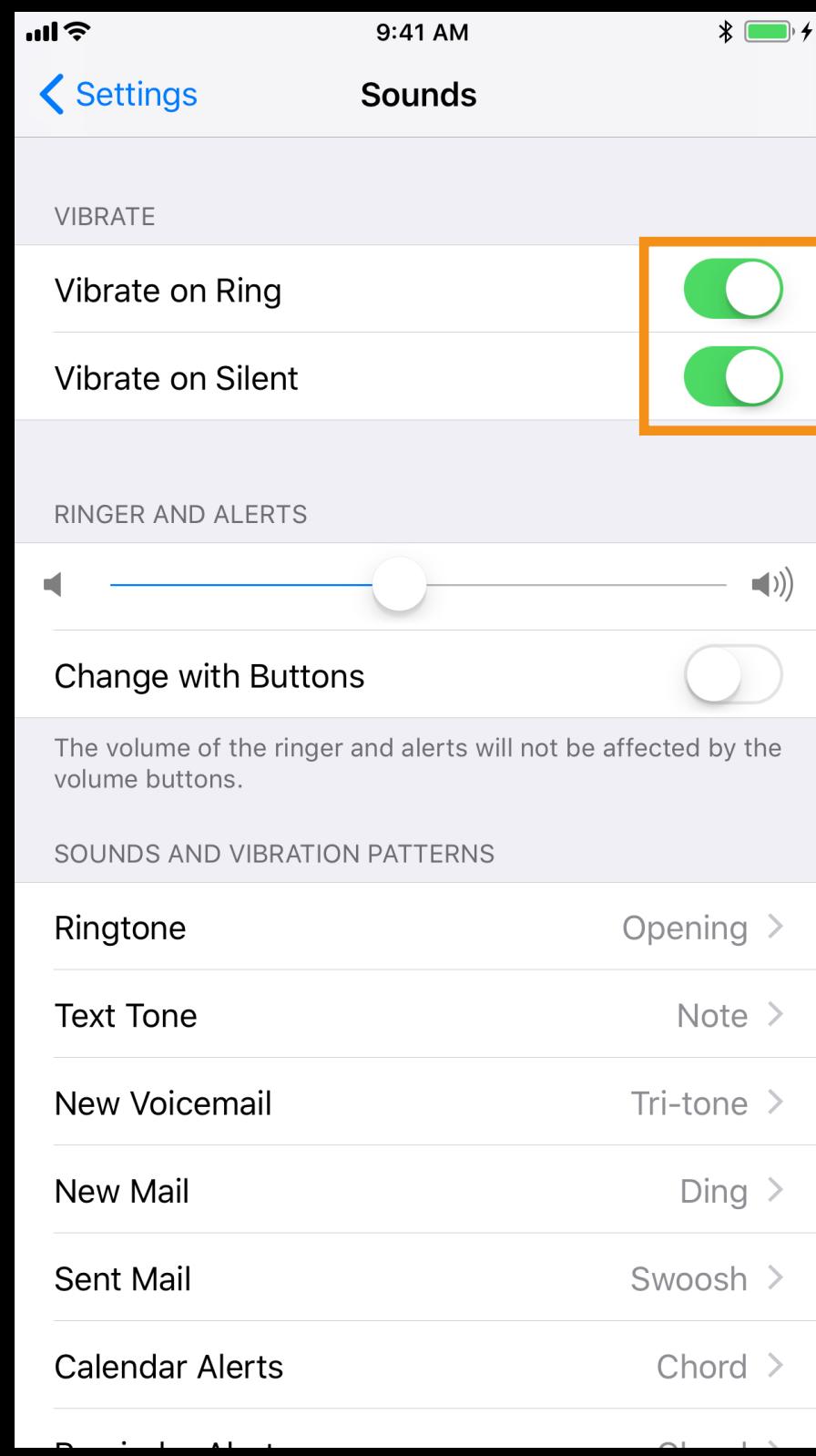
Text fields (UITextField)



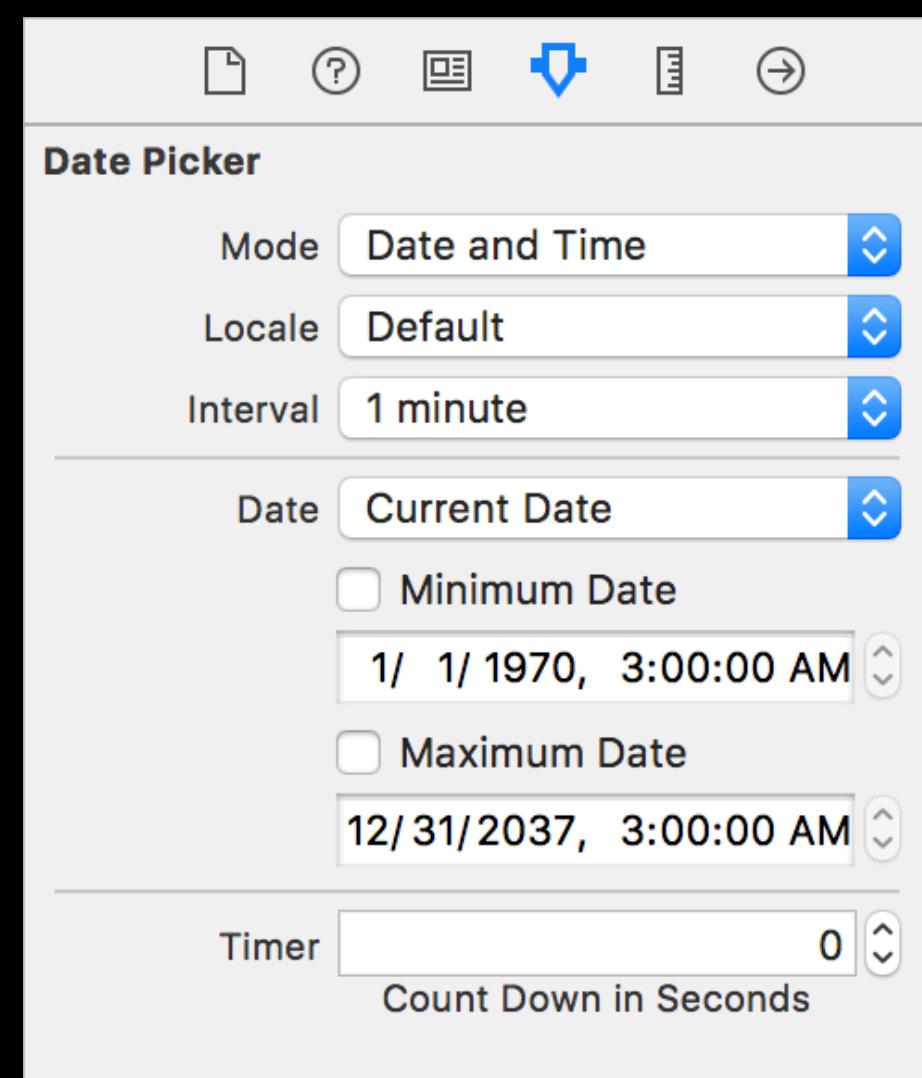
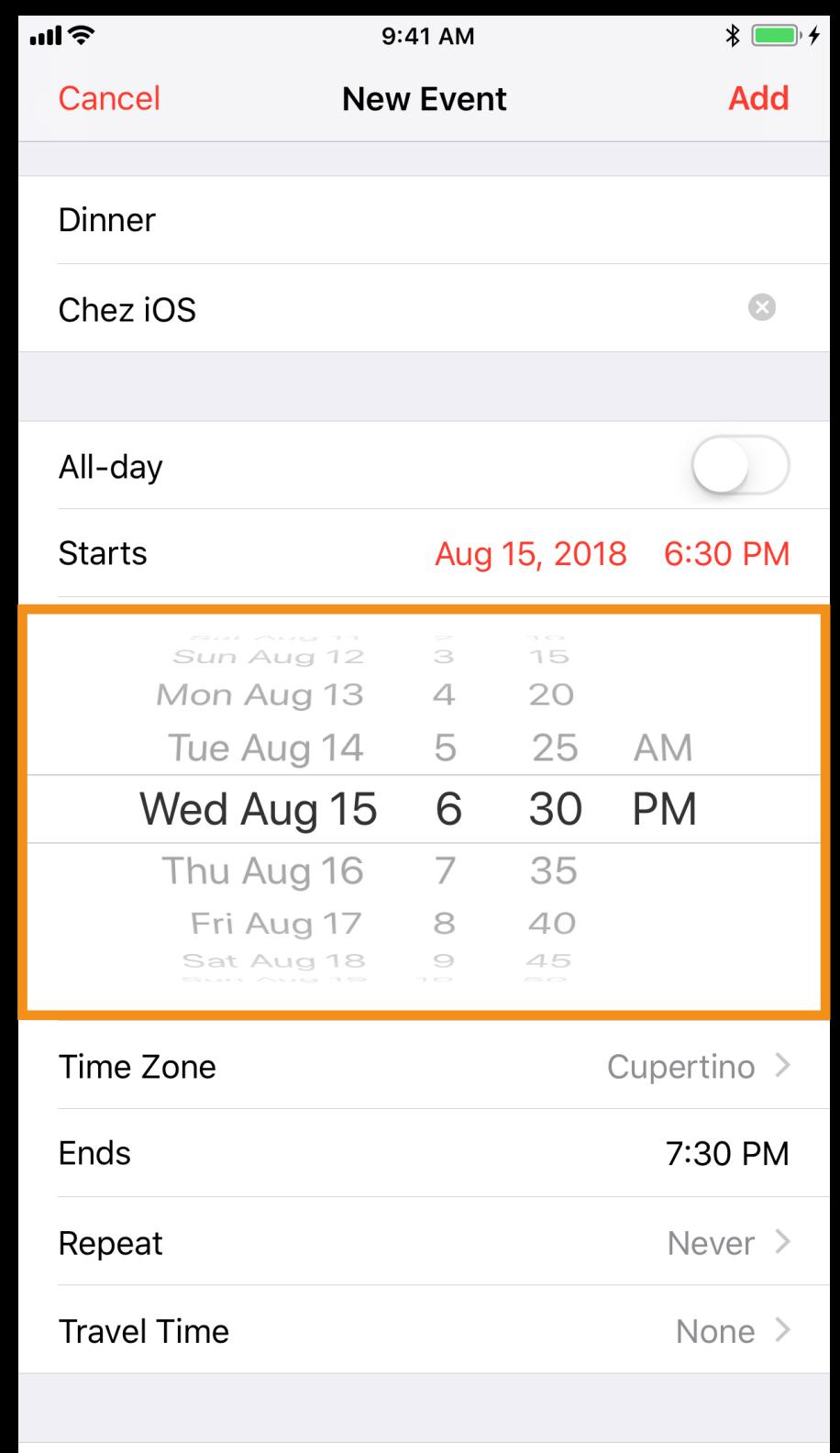
Sliders (UISlider)



Switches (UISwitch)



Date pickers (UIDatePicker)



UIKit User Interface Catalog

The screenshot shows a web browser window displaying the [UIKit User Interface Catalog](#). The page title is "About Views". The left sidebar lists various view types: Action Sheets, Activity Indicators, Alert Views, Collection Views, Image Views, Labels, Navigation Bars, Picker Views, Progress Views, Scroll Views, Search Bars, Tab Bars, Table Views, Text Views, Toolbars, and Web Views. The main content area contains a diagram illustrating the view hierarchy. A "Window" contains a "Navigation view", which in turn contains a "World Clock" view. The "World Clock" view displays time zones for Cupertino, New York, and Moscow. Labels point to each component: "Navigation view", "Window", and "Assembled views". A search bar at the top right says "Search Guides and Sample Co".

Views

About Views

- Action Sheets
- Activity Indicators
- Alert Views
- Collection Views
- Image Views
- Labels
- Navigation Bars
- Picker Views
- Progress Views
- Scroll Views
- Search Bars
- Tab Bars
- Table Views
- Text Views
- Toolbars
- Web Views

About Views

Views are the building blocks for constructing your user interface. Rather than using one view to present your content, you are more likely to use several views, ranging from simple buttons and text labels to more complex views such as table views, picker views, and scroll views. Each view represents a particular portion of your user interface and is generally optimized for a specific type of content. By building view upon view, you get a view hierarchy.

Diagram illustrating the view hierarchy:

- Window**: The outermost container.
- Navigation view**: A subview within the Window.
- World Clock**: A subview within the Navigation view.
- Assembled views**: Labels pointing to the Window, Navigation view, and World Clock.

On This Page ▾

Search Guides and Sample Co

Unit 2—Lesson 7

Introduction to UIKit



Learn about some of the most commonly used interface elements in UIKit and where you can go to find out more.

Unit 2—Lesson 7

UIKit Survey



Identify different views and controls in some of the most common system apps on iOS

Look through Settings, Contacts, News, and Calendar

Use Pages to complete a survey of your findings

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