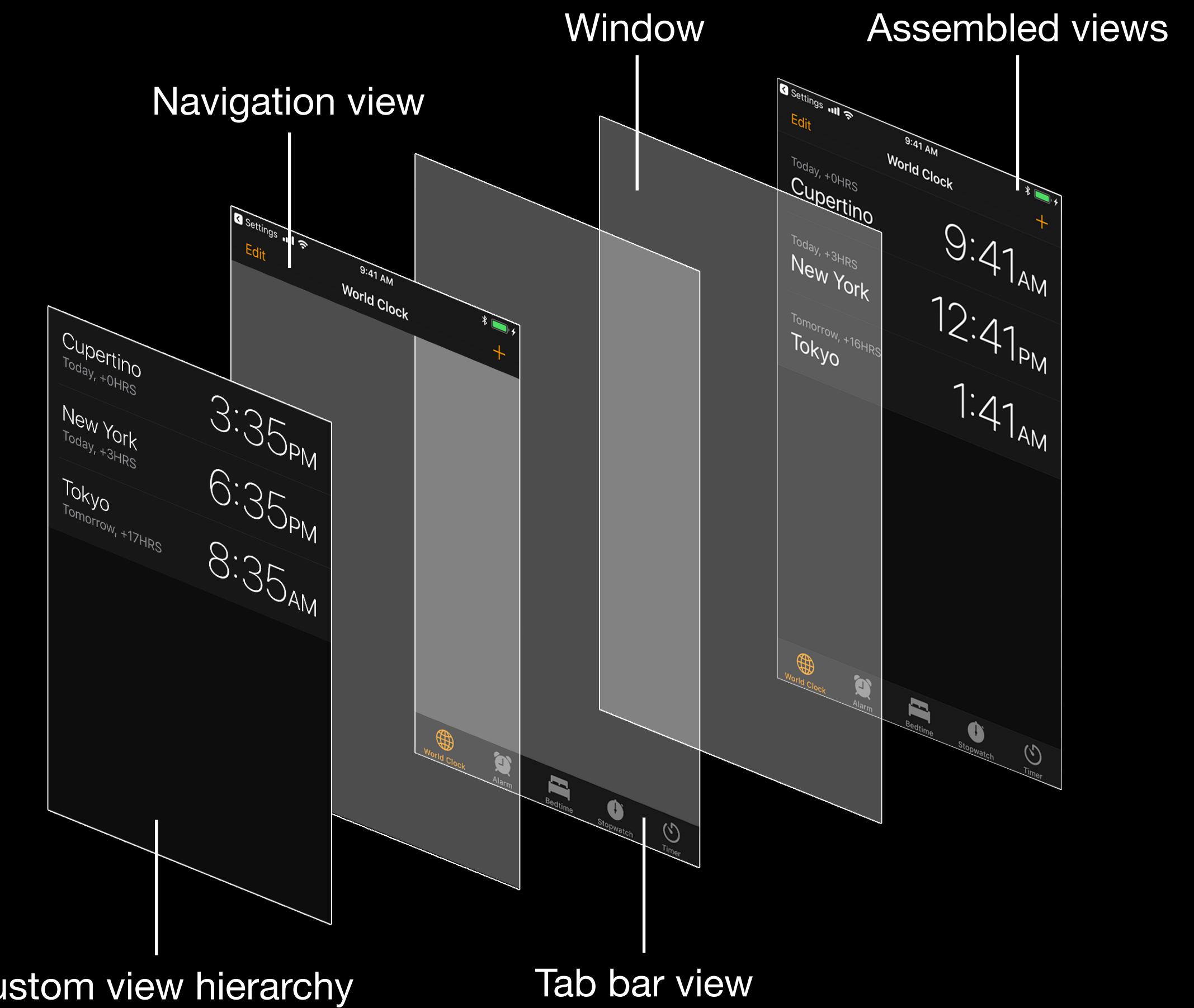


Unit 2—Lesson 7:

Introduction to UIKit

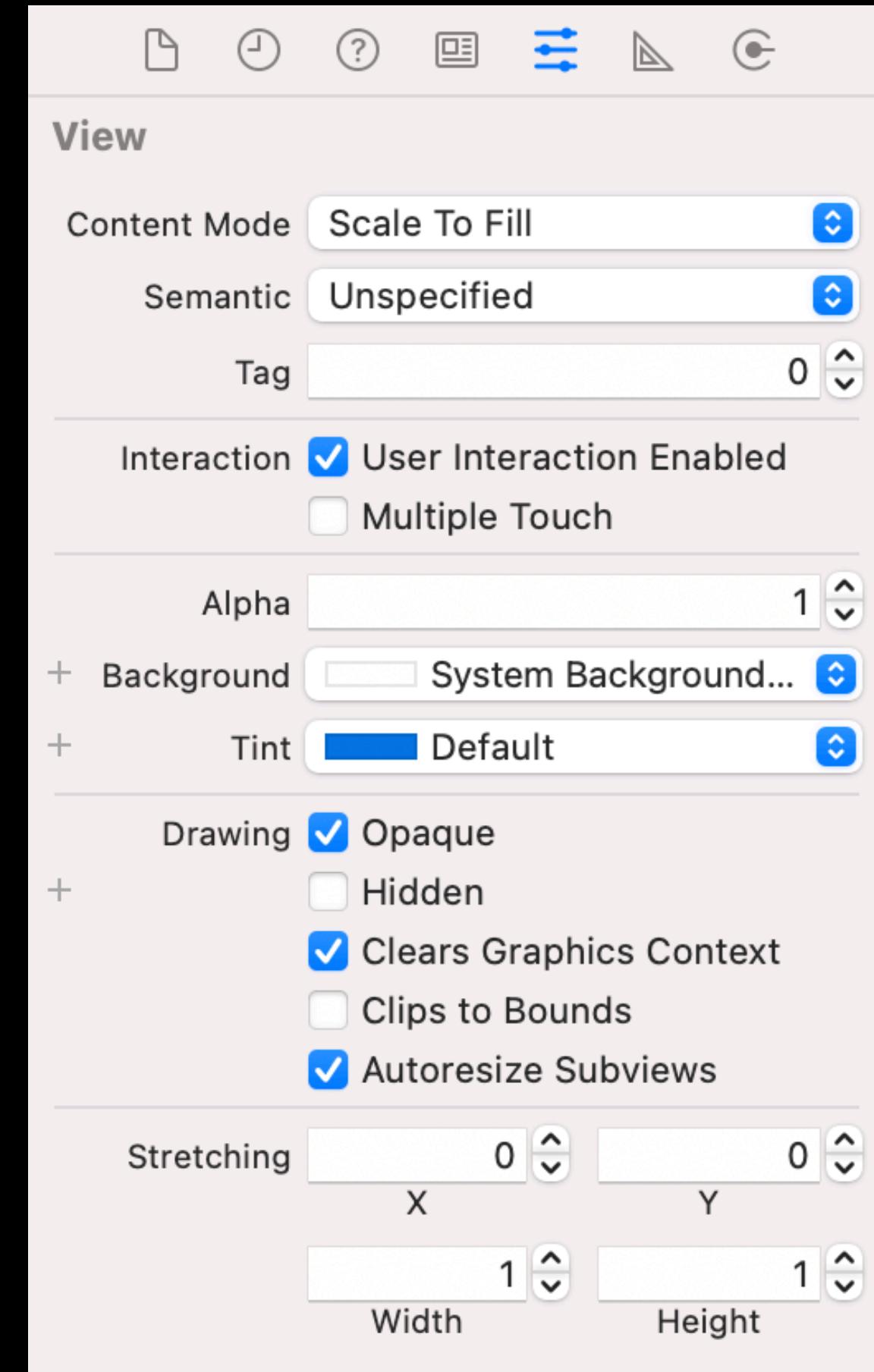
Common system views



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)

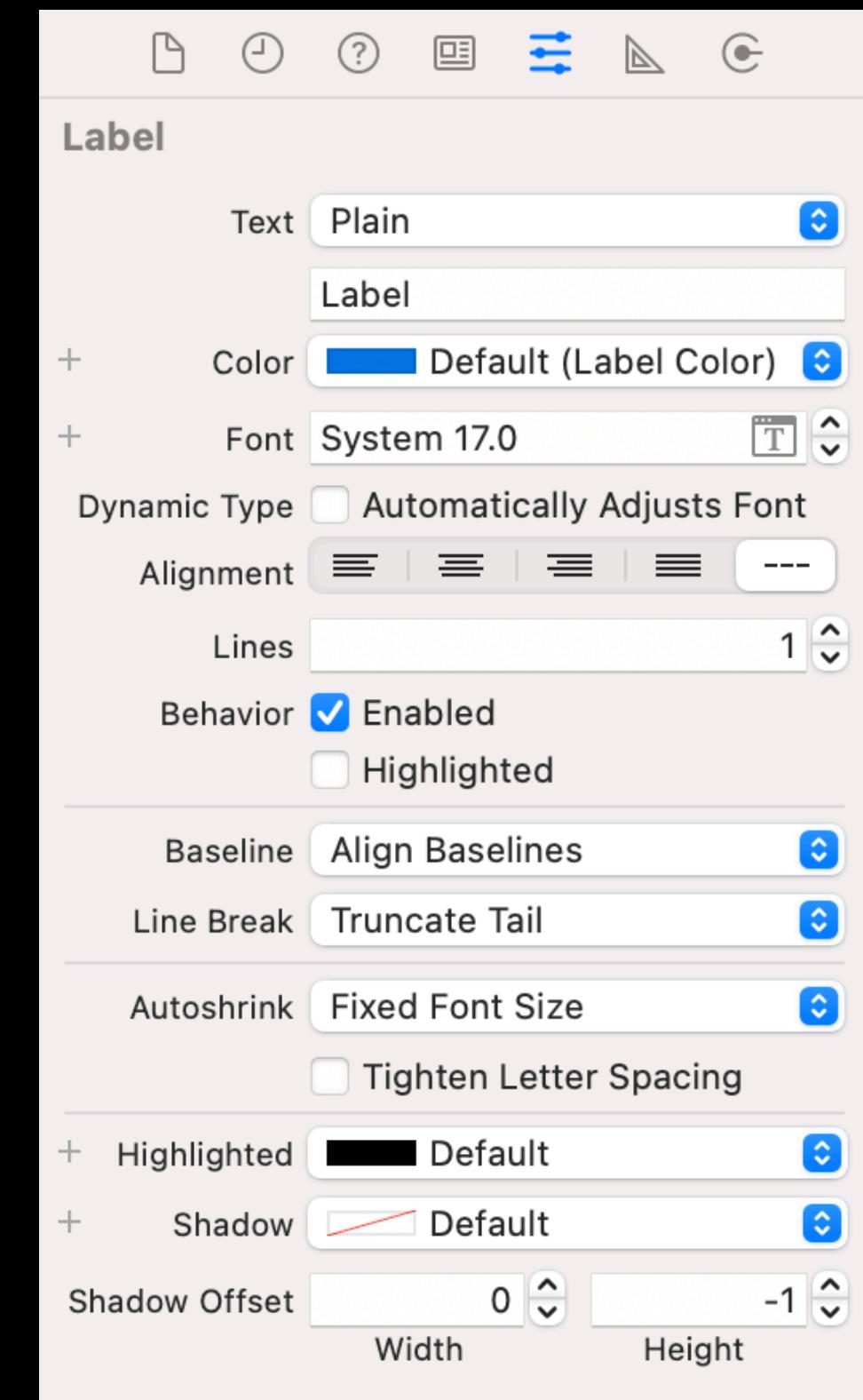
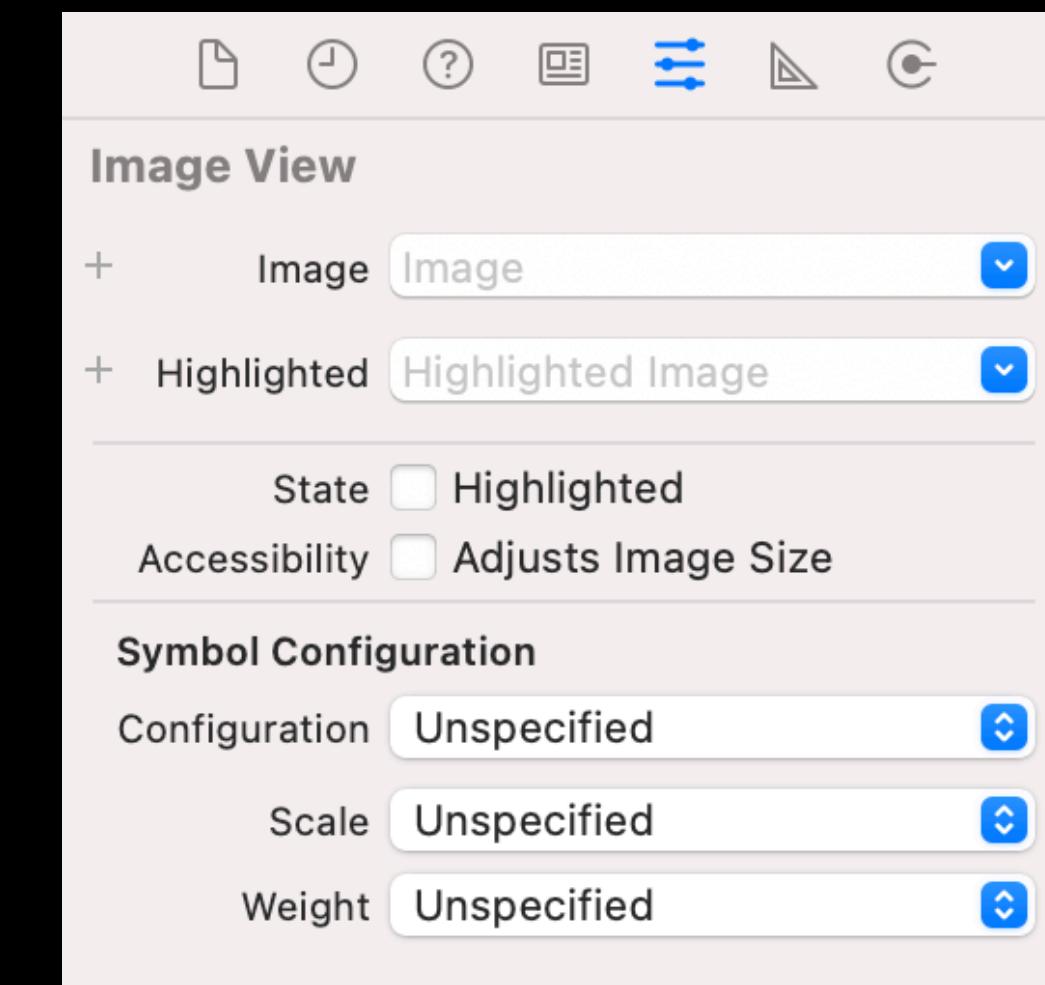
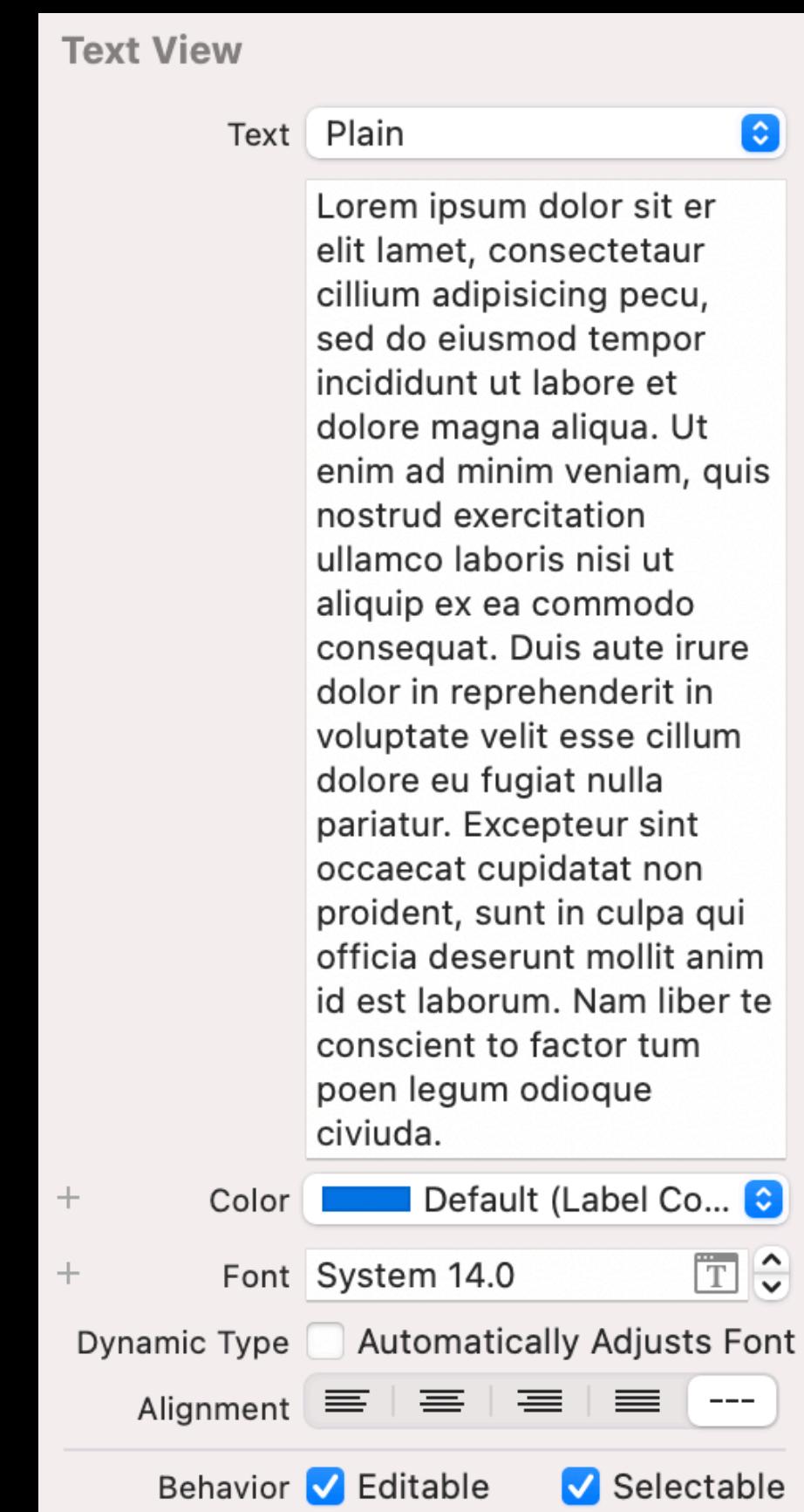
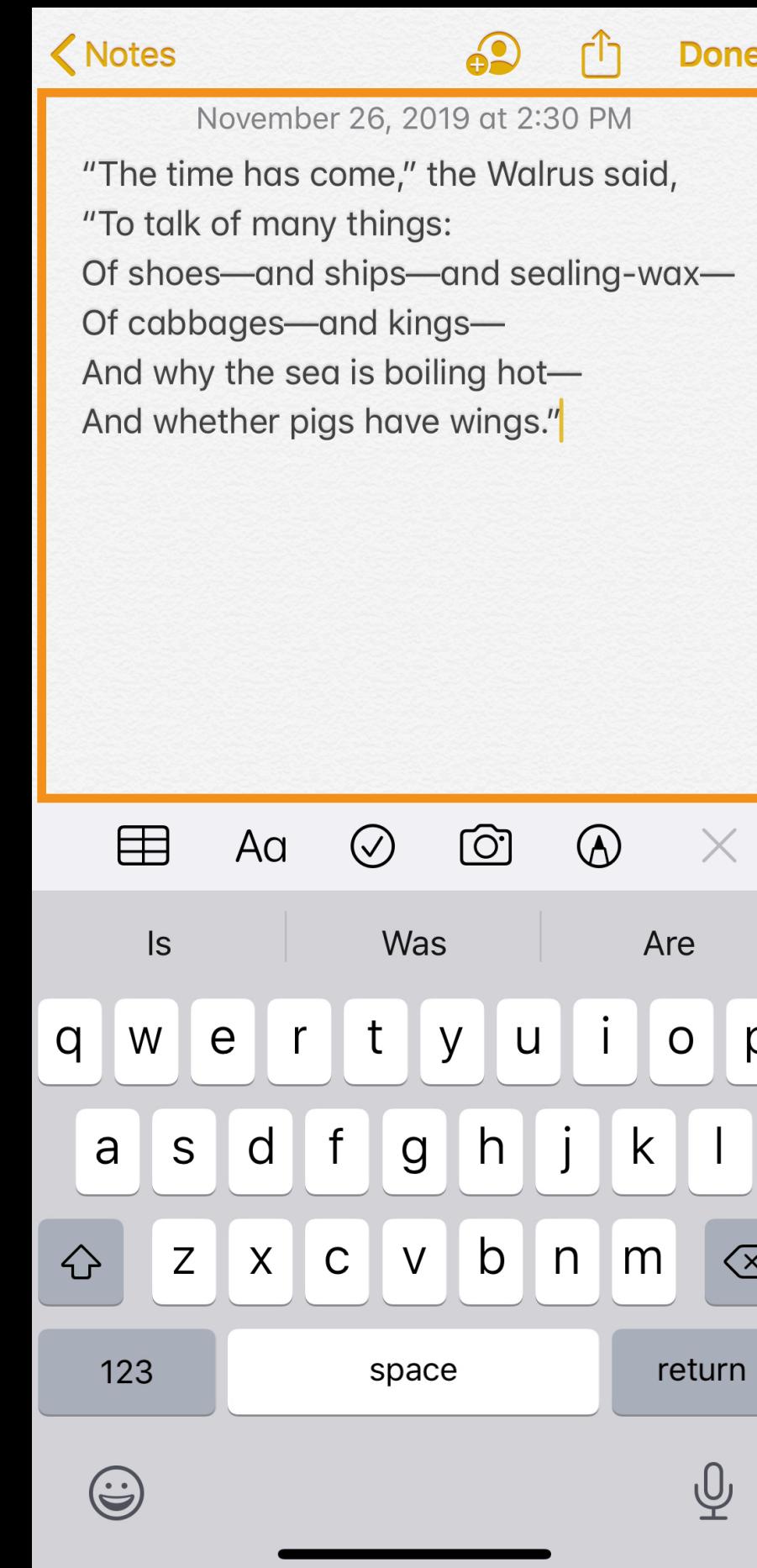


Image view (UIImageView)



Text view (UITextView)



ScrollView (UIScrollView)

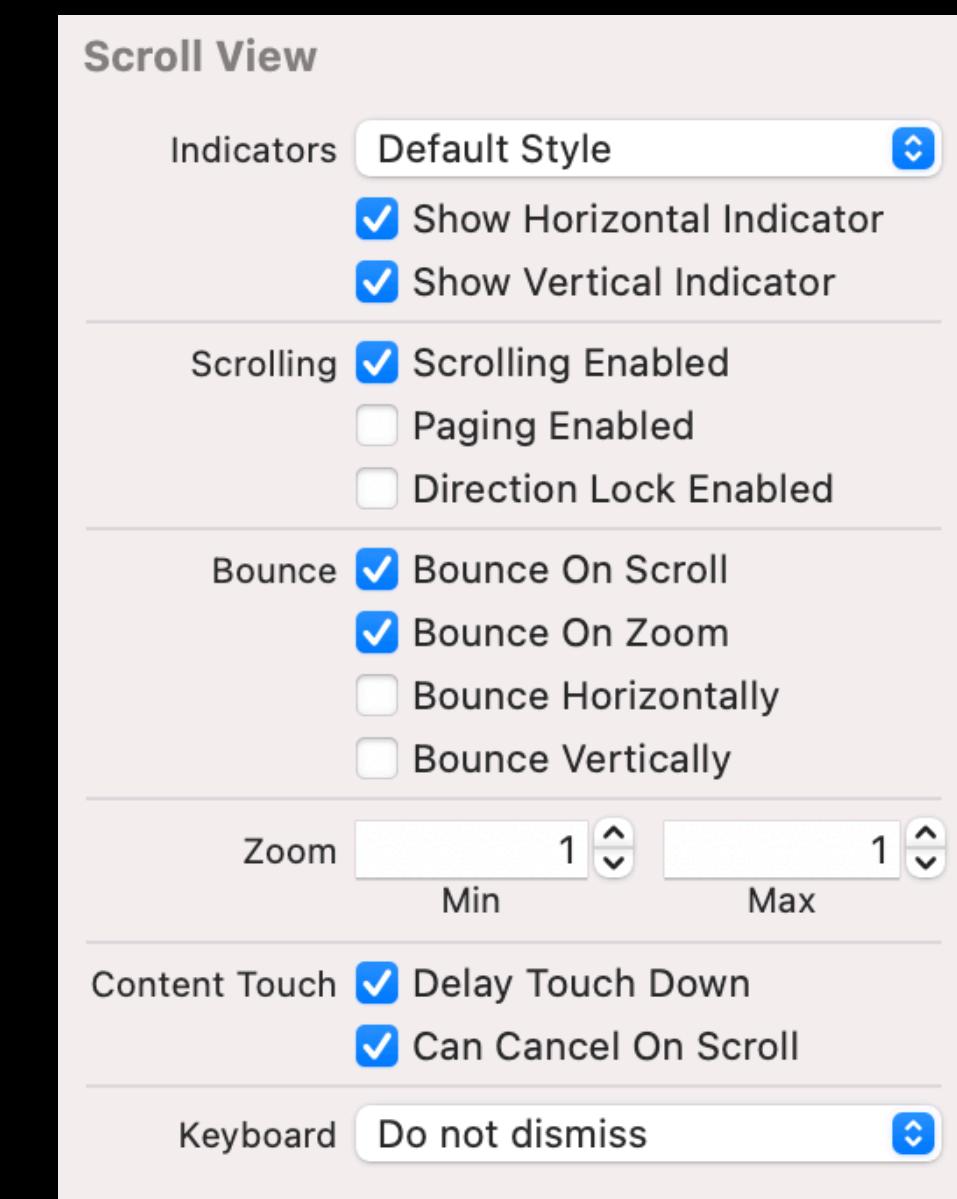
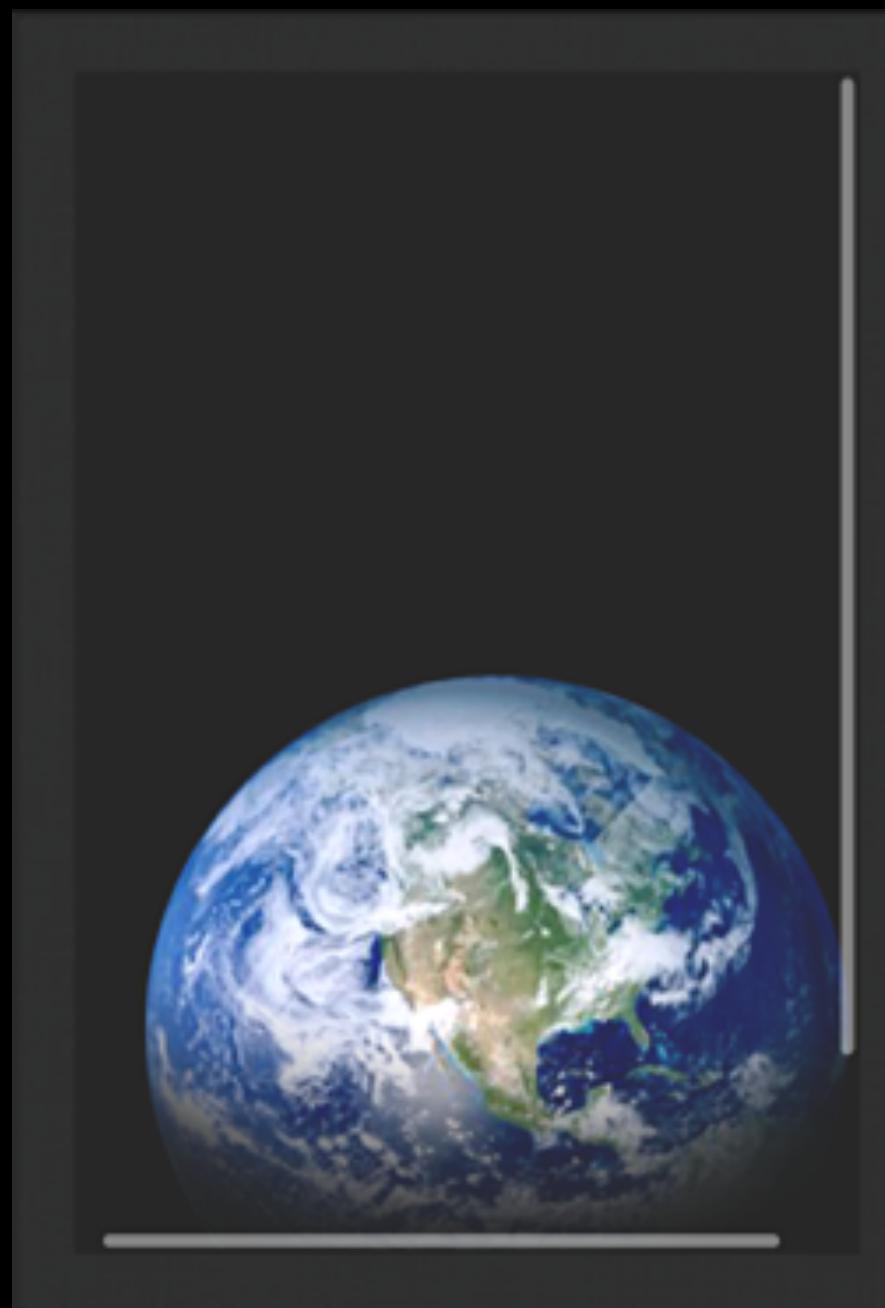
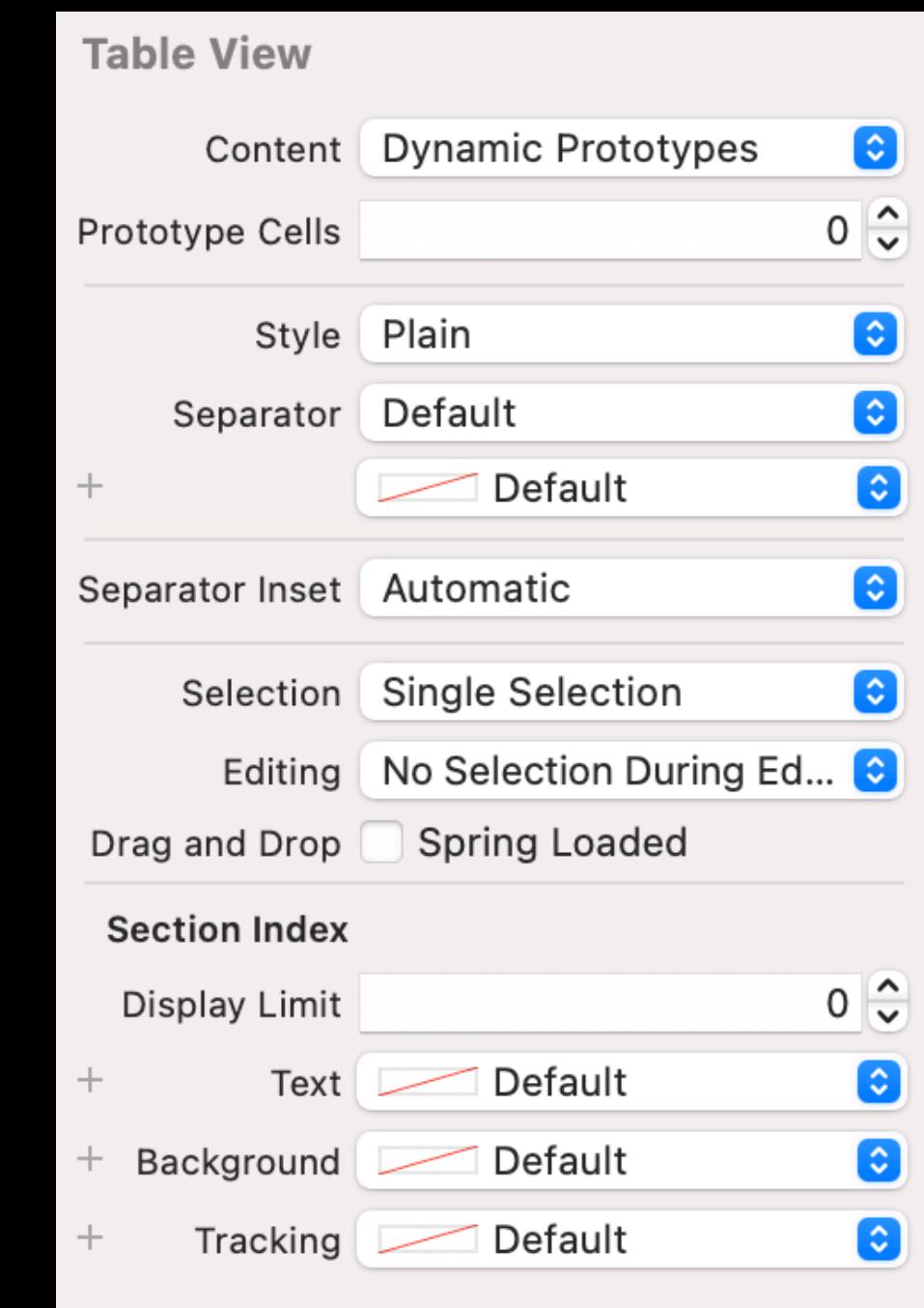
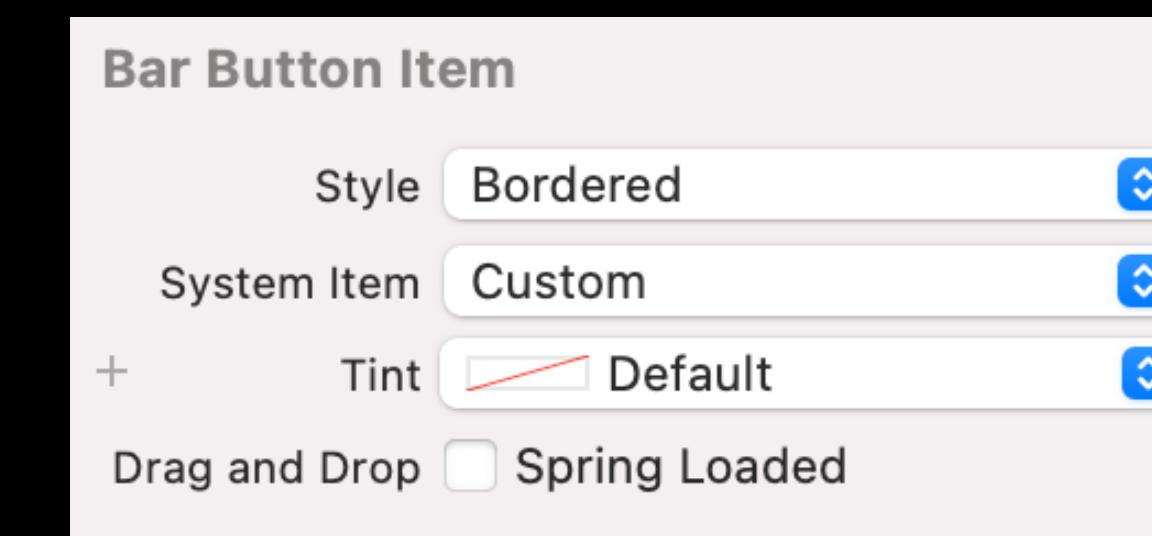
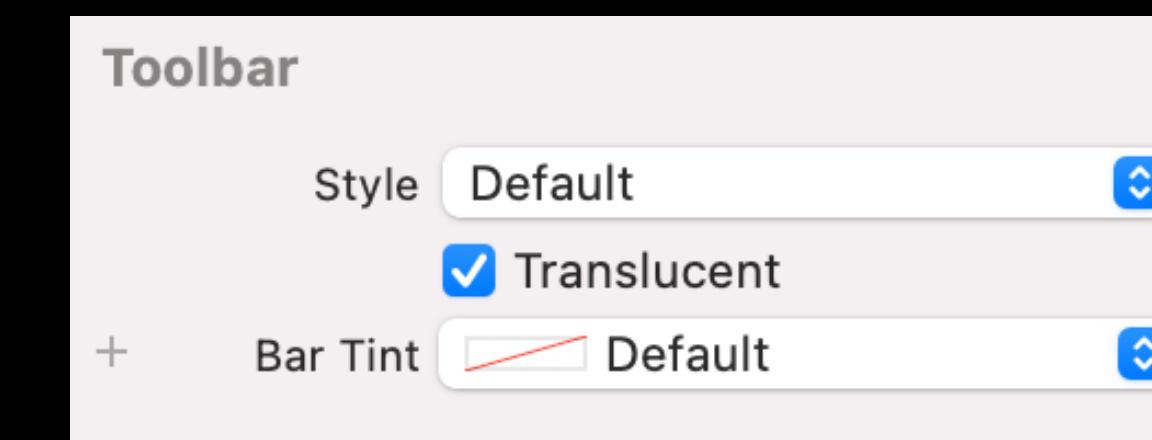
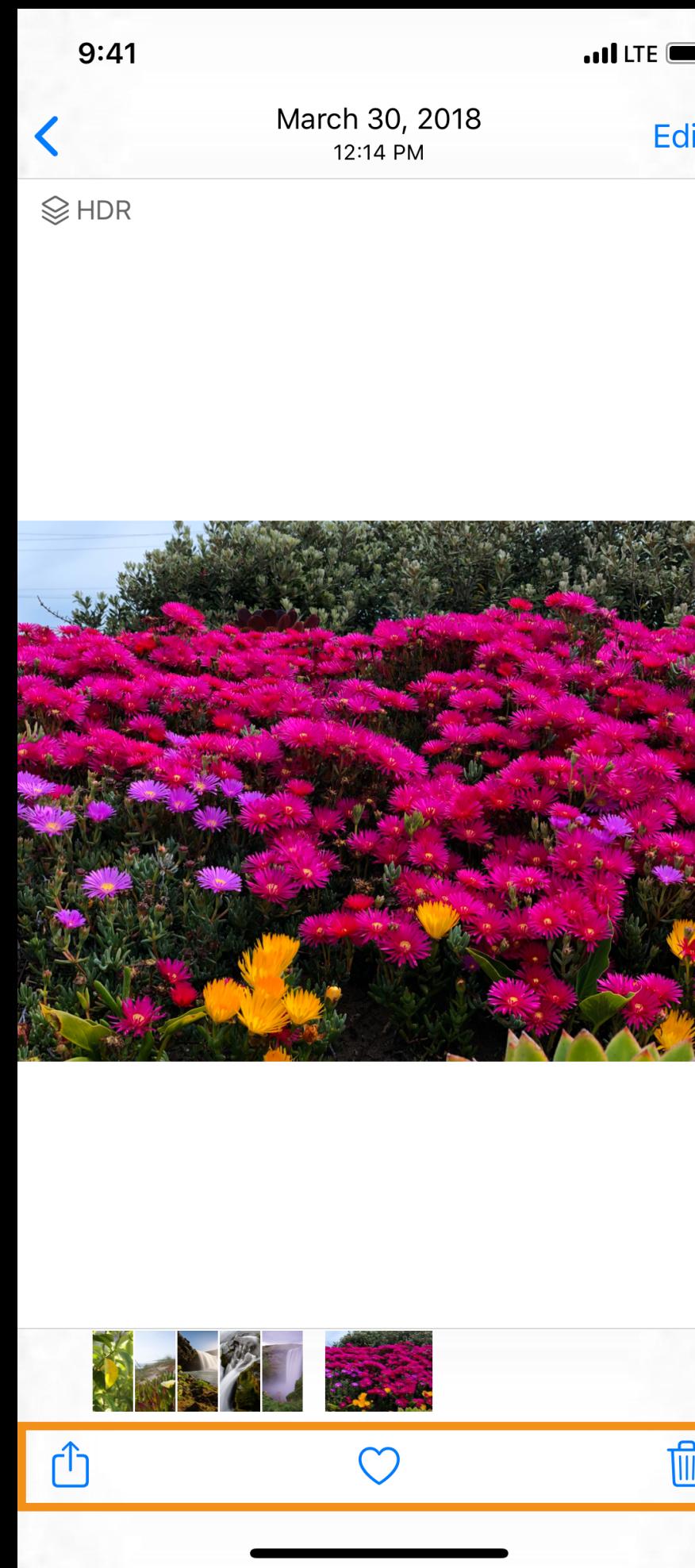


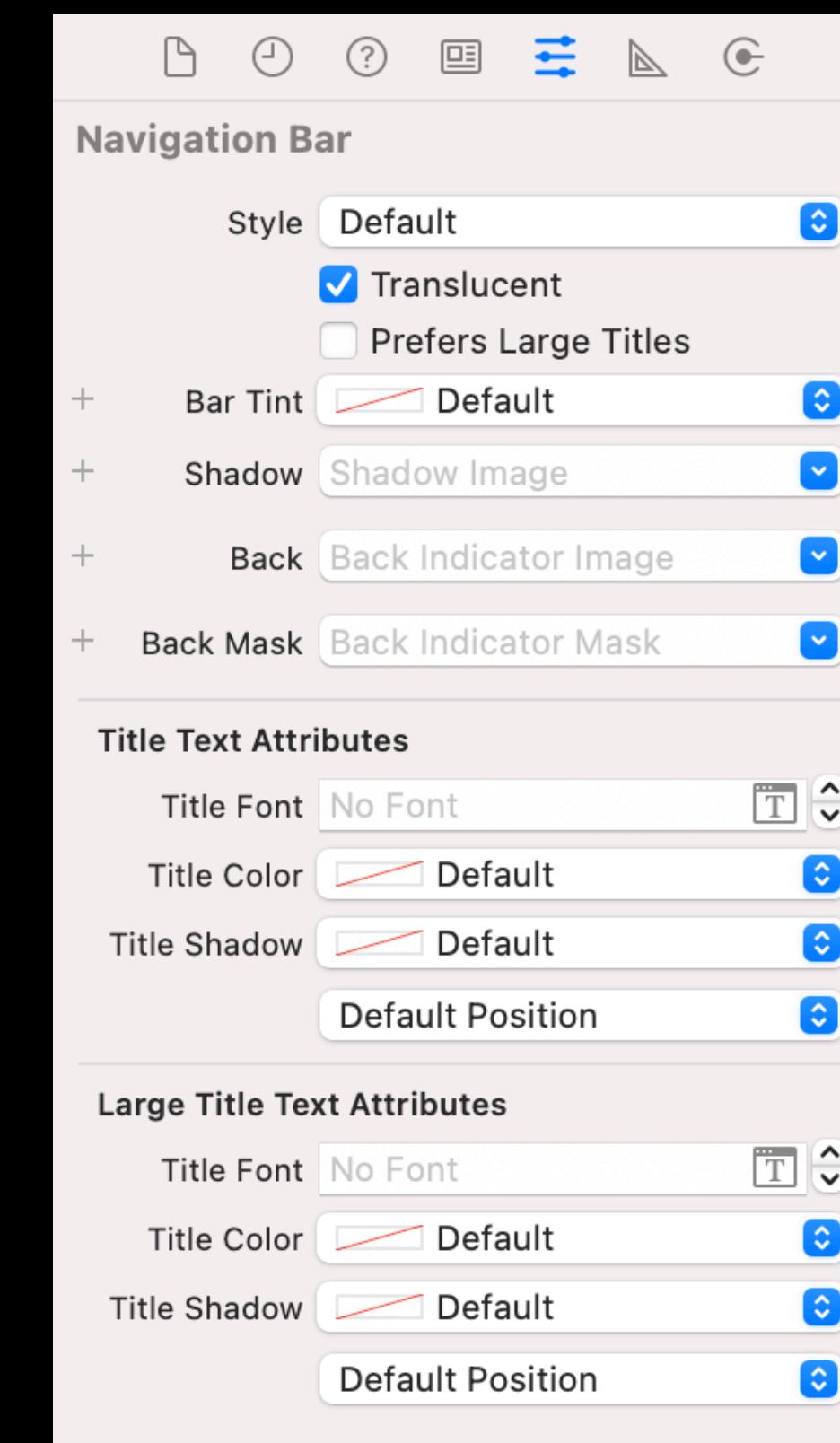
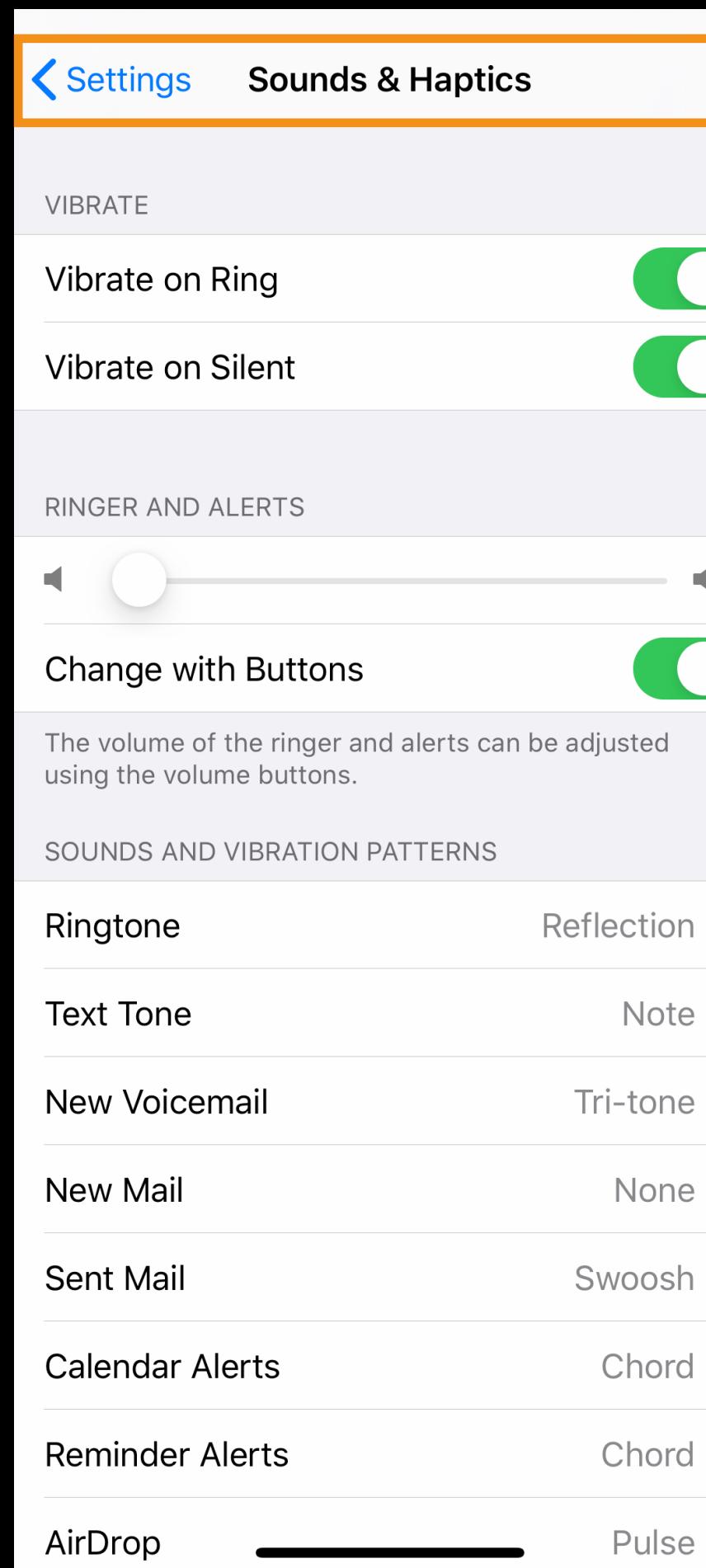
Table view (UITableView)



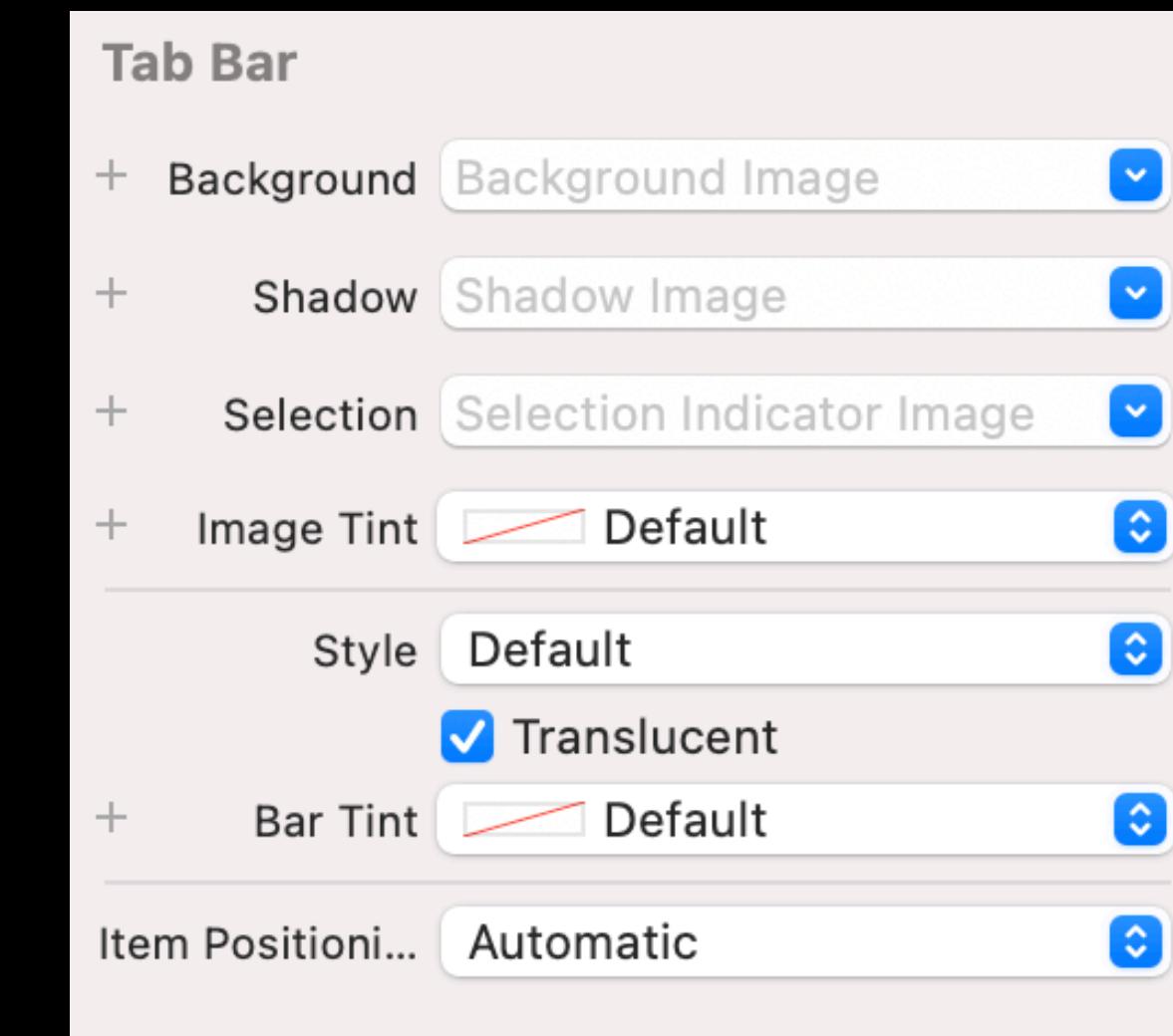
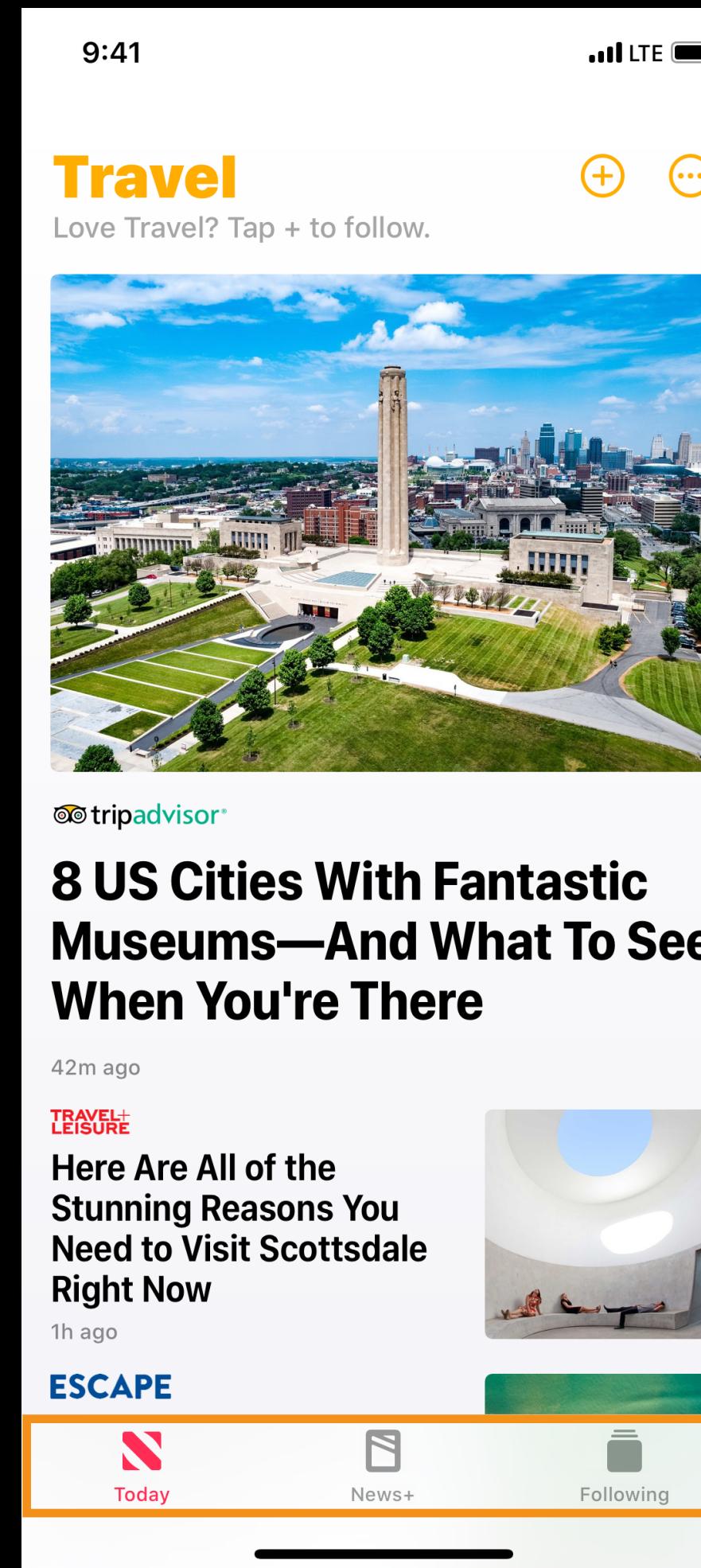
Toolbars (UIToolbar)



Navigation bars (UINavigationBar)

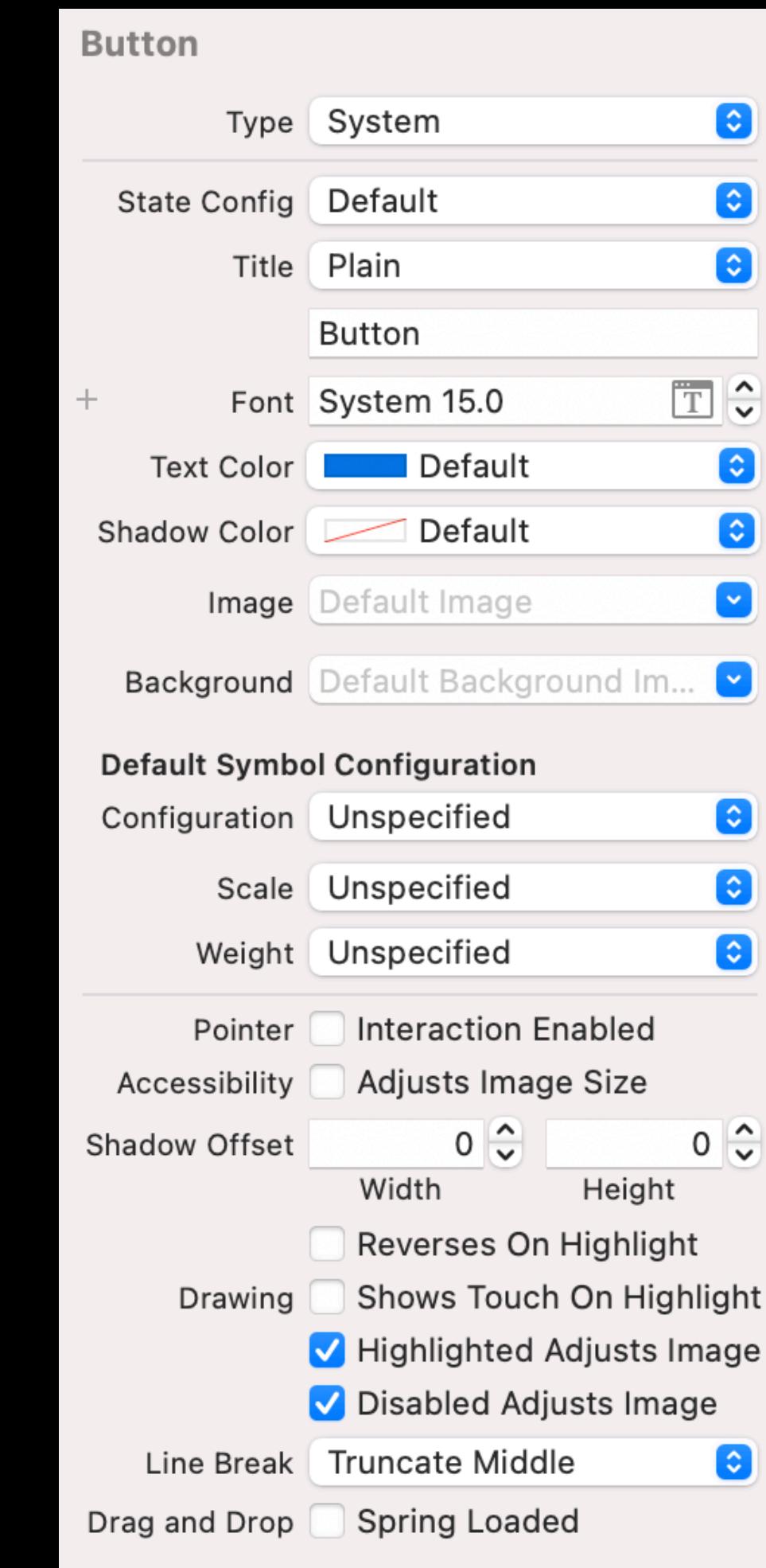
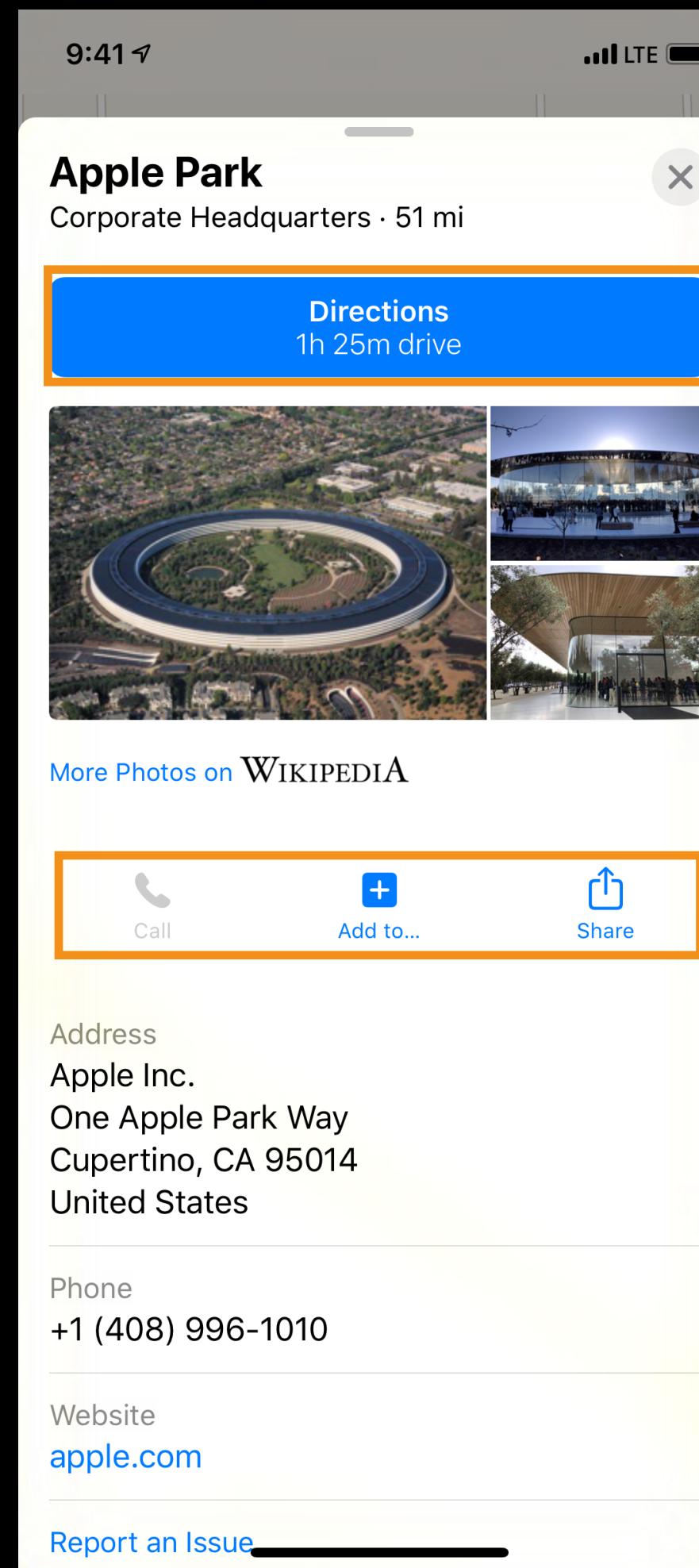


Tab bars (UITabBarController)

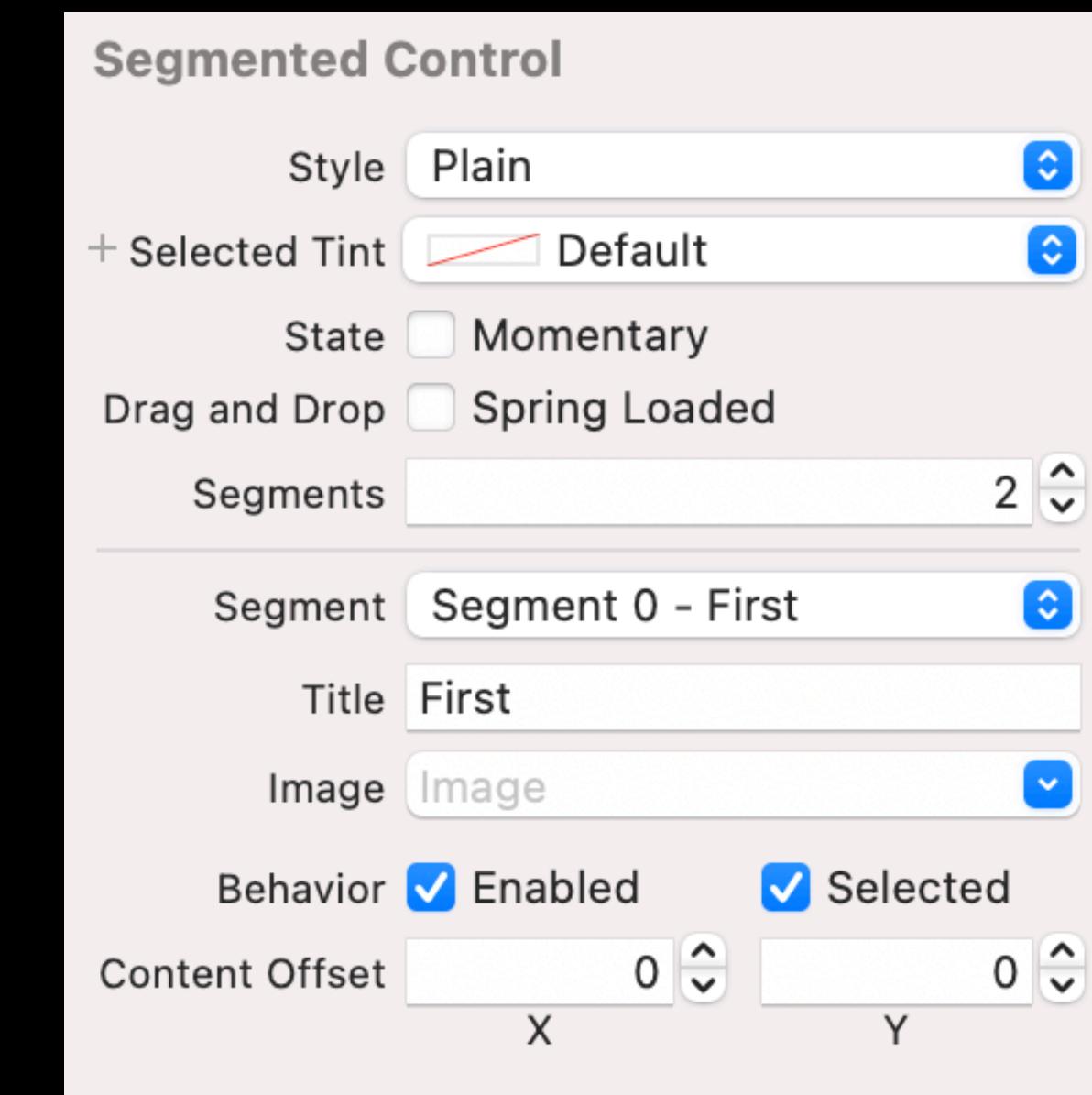
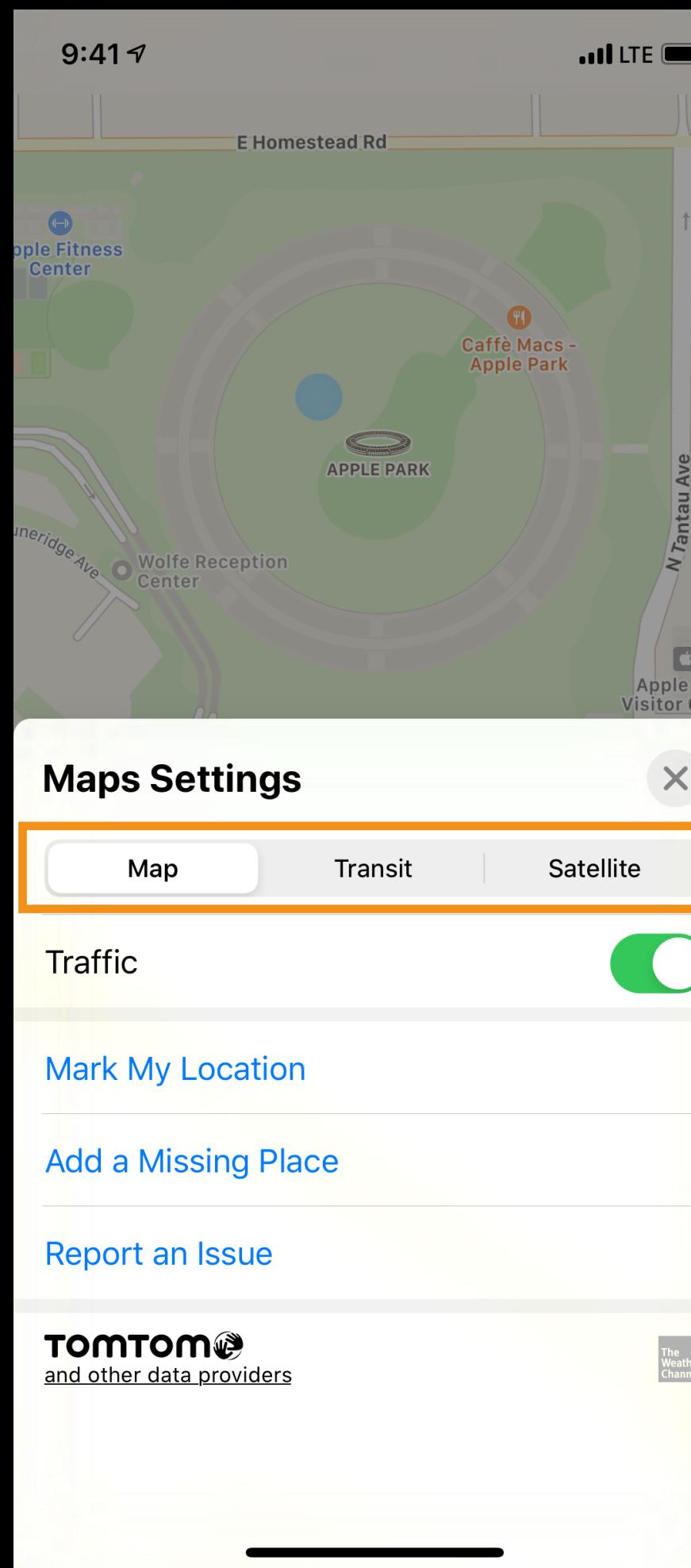


Controls

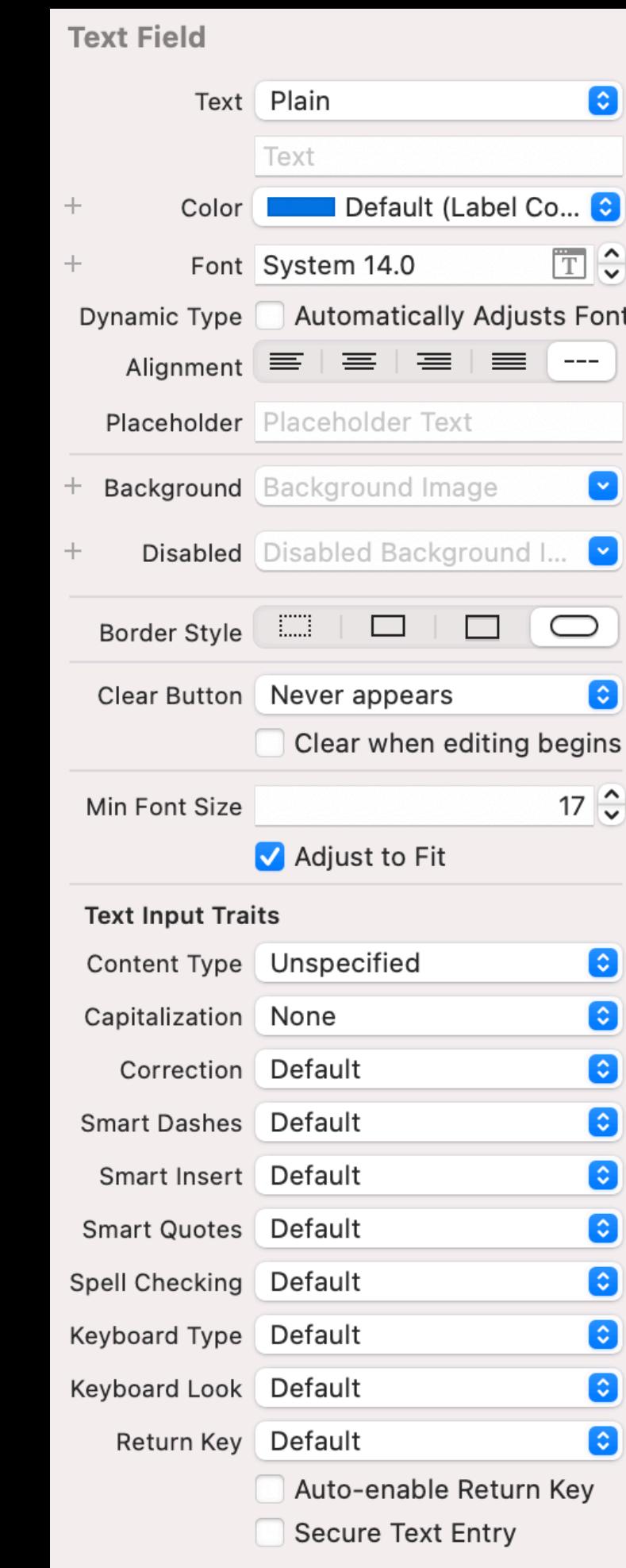
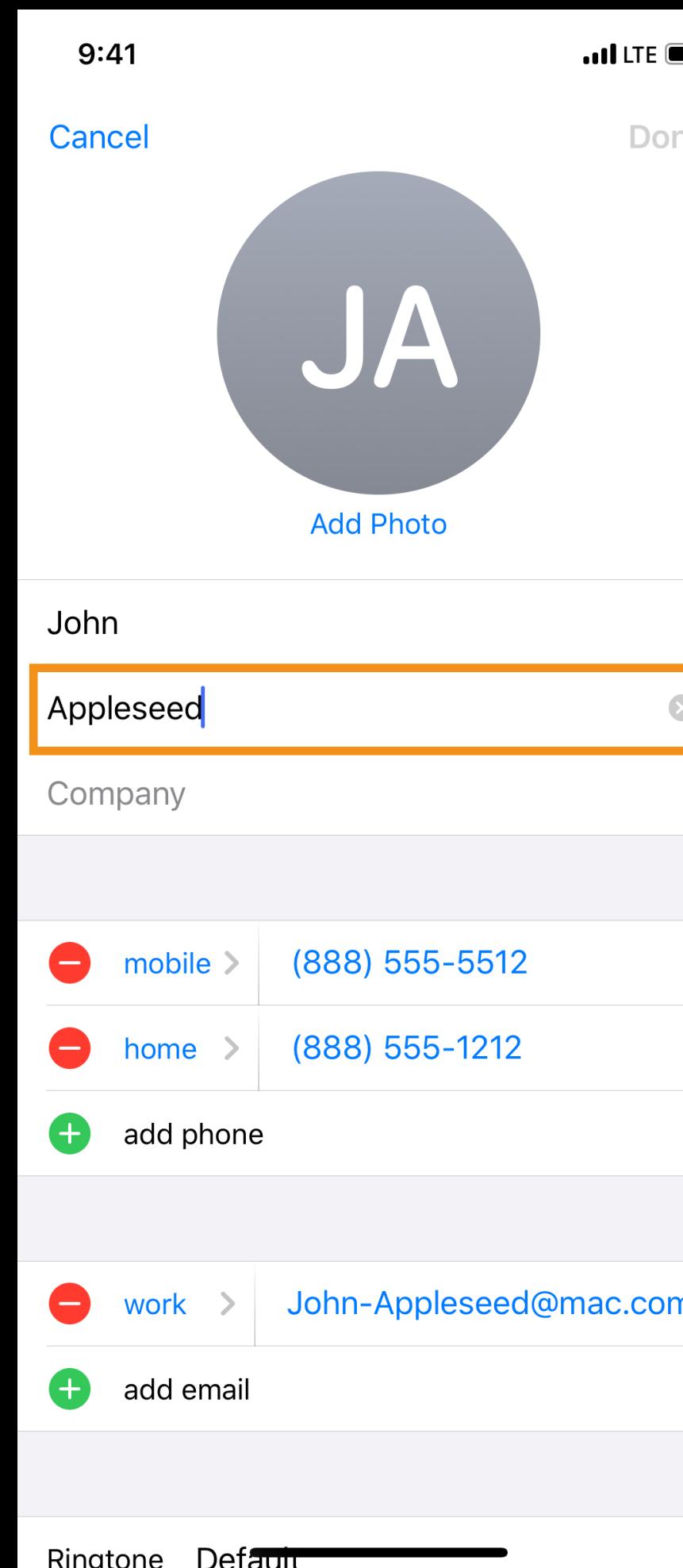
Buttons (UIButton)



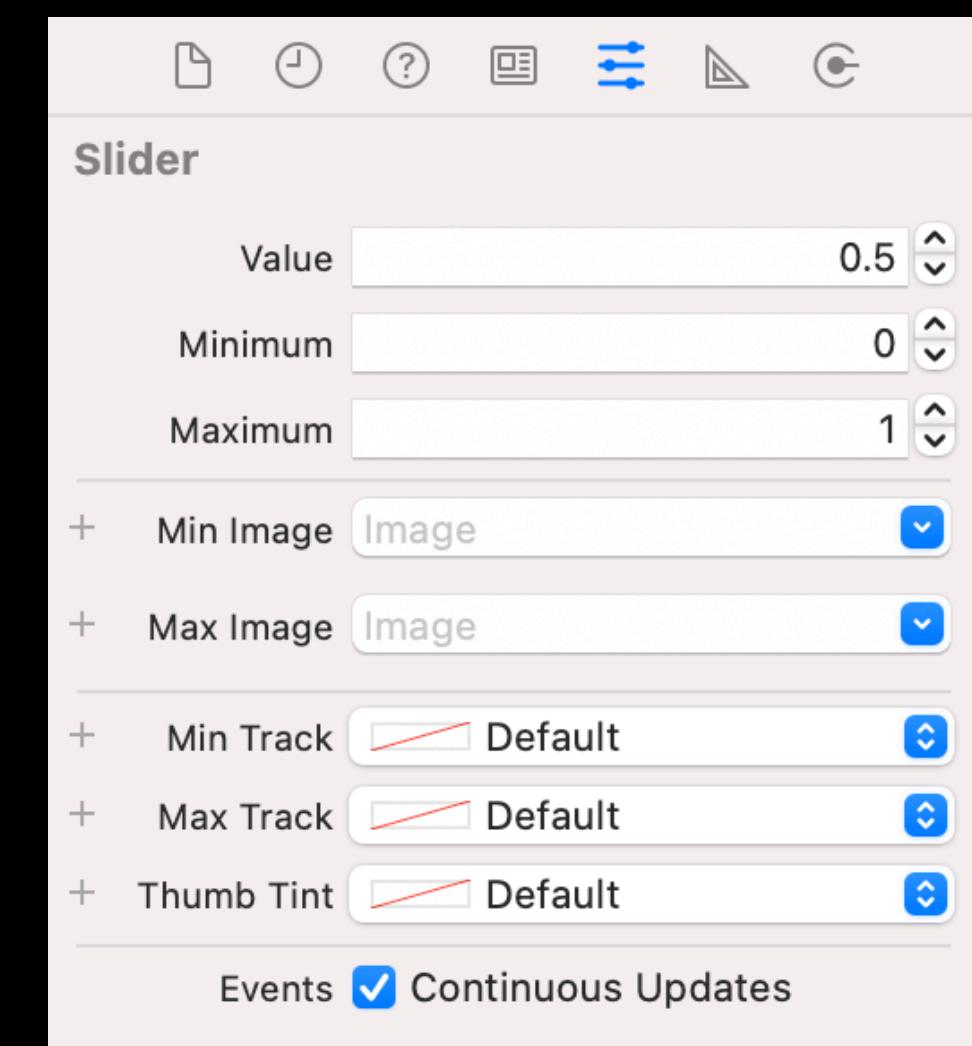
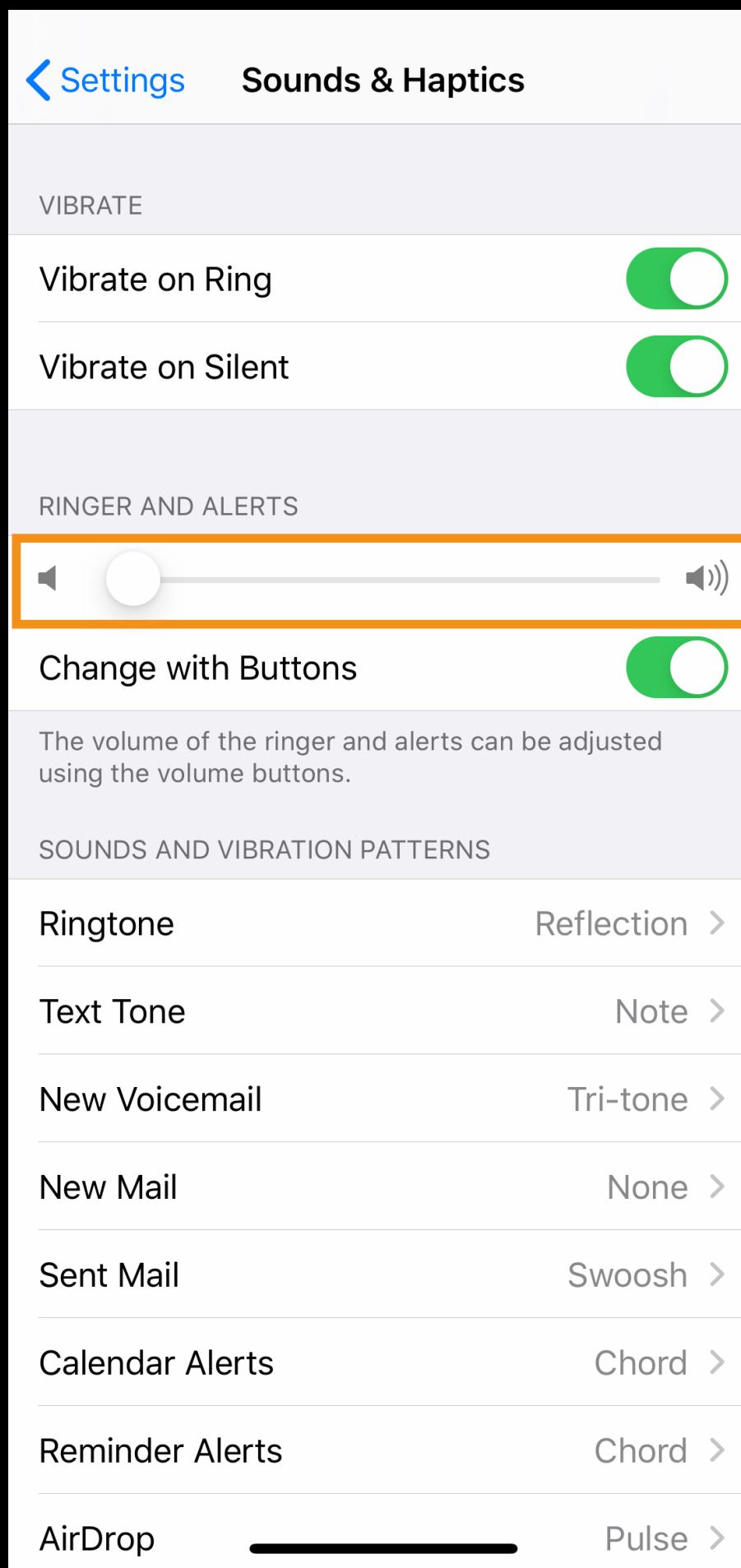
Segmented controls (UISegmentedControl)



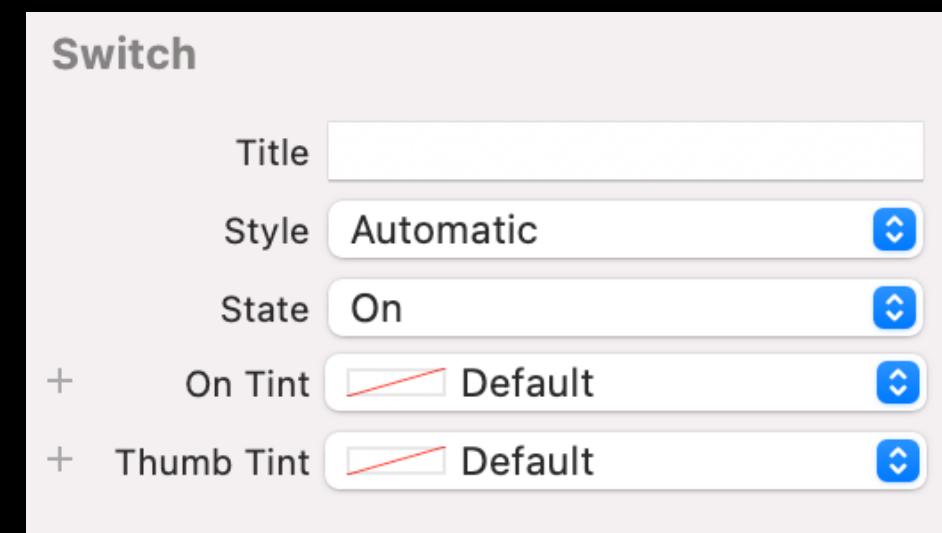
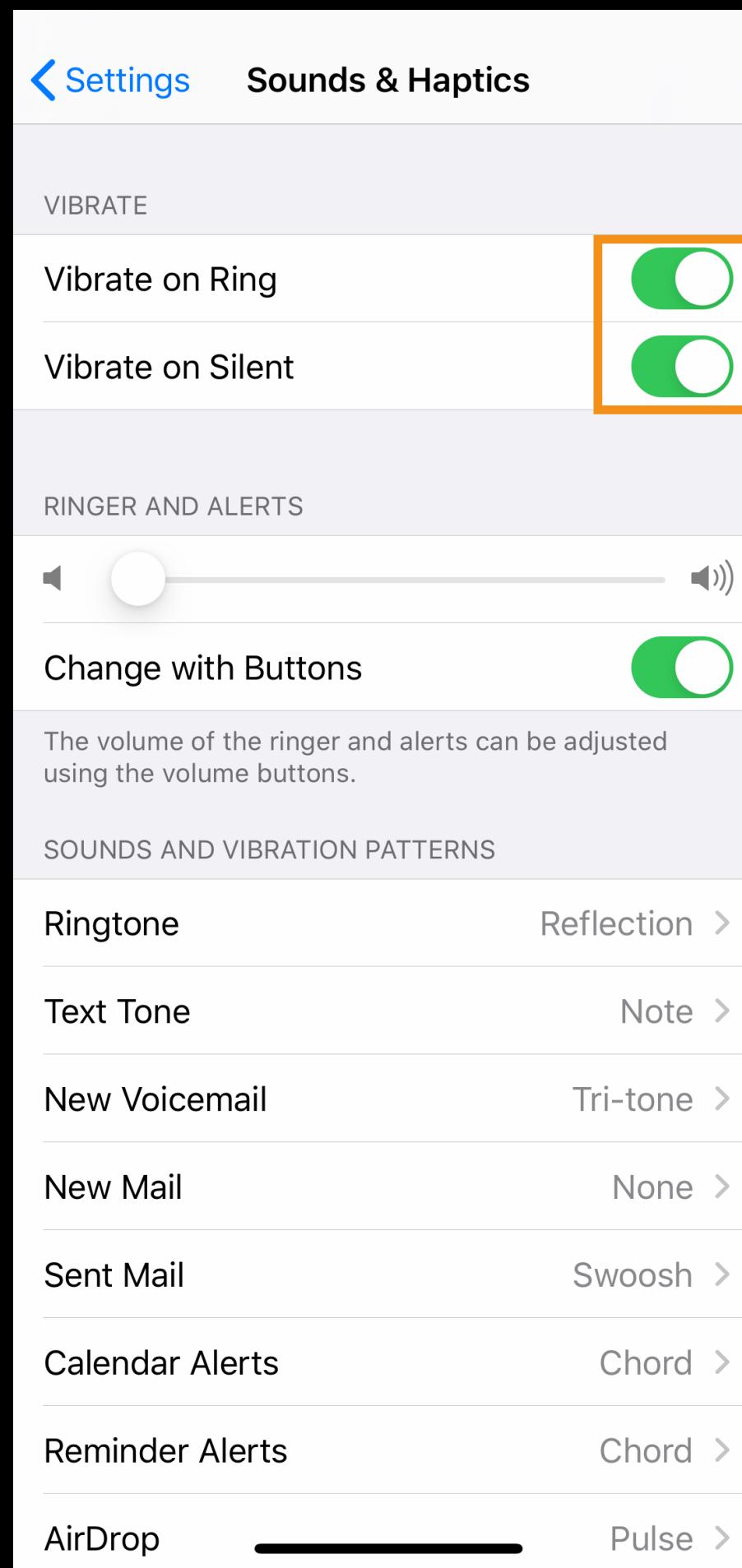
Text fields (UITextField)



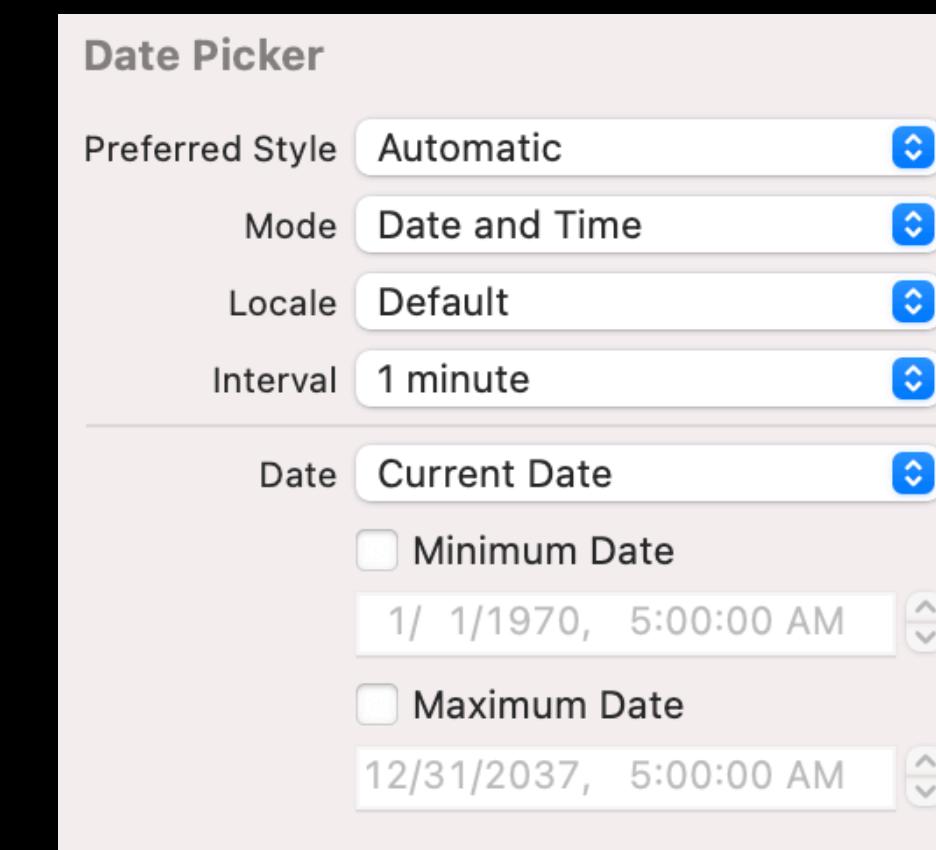
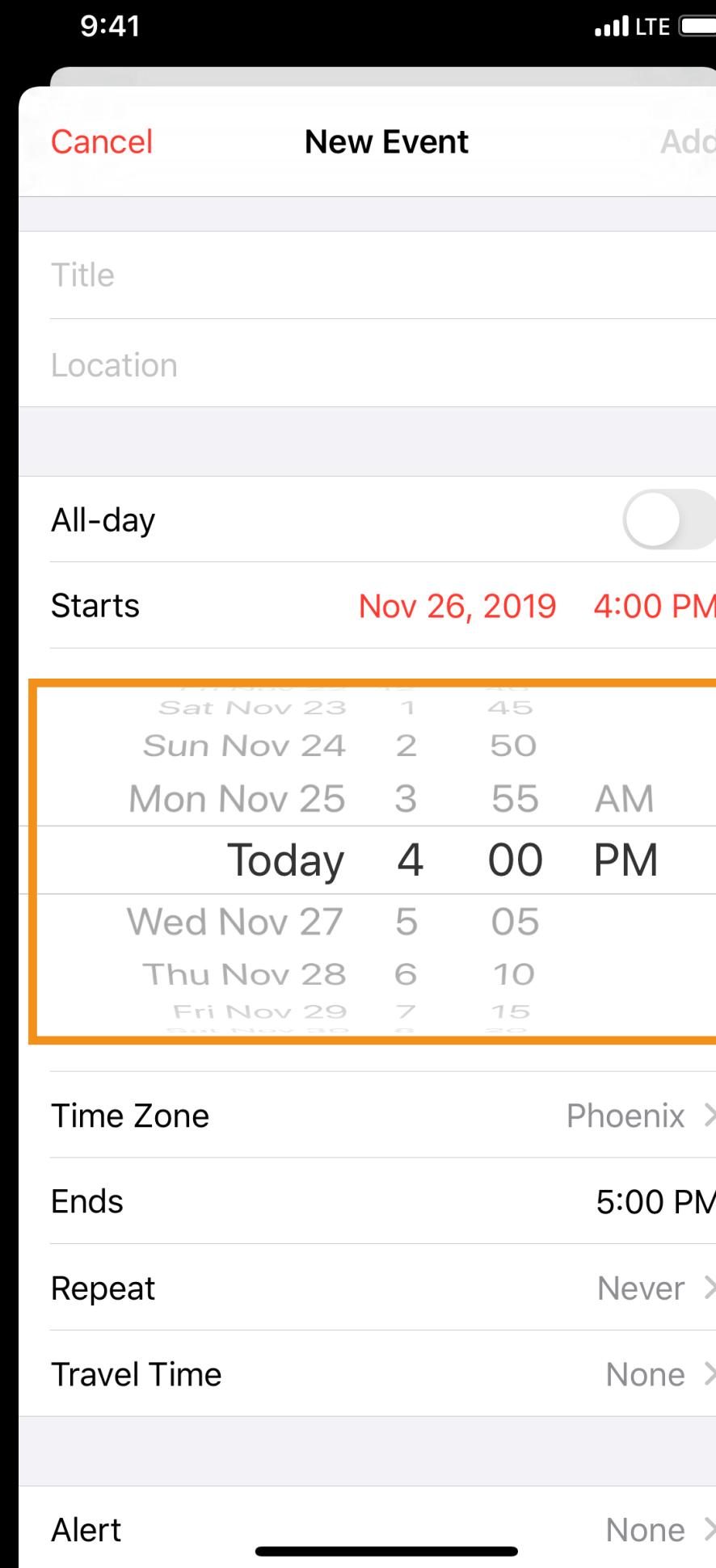
Sliders (UISlider)



Switches (UISwitch)



Date pickers (UIDatePicker)



UIKit Views and Controls Documentation

The screenshot shows a web browser window displaying the Apple Developer documentation for UIKit Views and Controls. The URL in the address bar is developer.apple.com. The page title is "Views and Controls". The main content area features a heading "Views and Controls" with a sub-section "Overview". Below the overview, there is a description of what views and controls are, followed by a diagram of an iPhone screen showing a "Create Reminder" interface. Labels with arrows point to specific UI elements: "Label" points to a text input field containing "Get Groceries"; "Switch" points to a toggle switch; and "Date picker" points to a date and time picker control at the bottom. To the right of the main content, there are sections for "Framework" (UIKit) and "On This Page" (Overview, Topics, See Also).

developer.apple.com

Apple Developer Discover Design Develop Distribute Support Account

Documentation > UIKit > Views and Controls Language: Swift API Changes: Show

Views and Controls

Present your content onscreen and define the interactions allowed with that content.

Overview

Views and controls are the visual building blocks of your app's user interface. Use them to draw and organize your app's content onscreen.

Framework
UIKit

On This Page
Overview
Topics
See Also

The diagram illustrates a smartphone screen displaying a "Create Reminder" application. At the top, there are three buttons: "Cancel", "Create Reminder", and "Done". Below this is a text input field labeled "Label" with the placeholder text "Get Groceries". Underneath the label is a switch labeled "Switch". Further down is a date and time picker labeled "Date picker" with the current selection "Sunday, Oct 1, 2017, 5:00 PM". The picker shows a list of dates from "Thu Sep 28" to "Mon Oct 2".

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