

# Sentia iOS Test

## Overview

To verify iOS knowledge, we ask that the developer completes this small test. This test will be evaluated on the code quality and understanding of iOS UX and design patterns.

## Specification

Create a new Xcode project that :

1. Parse a json feed from <http://demo0065087.mockable.io/test/properties>

This json contains a simplified overview for a property

Required tags are

- title
- Bedrooms
- Bathrooms
- Carspots
- description
- price
- Owner first name and last name
- Avatar medium url
- Location address1 address2
- Suburb
- Postcode
- is\_premium

2. Displays the content in a list

- Each row should be the correct height.
- Your list must have at least two designs a premium listing vs a standard listing

based on the flag 'is\_premium'

- Free to create your own layout for the premium and standard listing considering something visually attractive.



### Within Network

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3. Use a UISplitViewController when width exceeds normal width (or landscape), with the left pane listing the properties and the right displaying detail.

4. The right pane can be a blank controller which simply contains a Textview. When a list item is selected simply display the ID of the selected property

5. Applying appropriate styling and design pleasantries, such as transitional animations or styling is encouraged to exemplify your understanding of UX

trends, best practices and conventions (e.g. at a minimum indeterminate progress indicators).

**Tips**

1. Support orientation change. It should not redownload the data upon change.
2. Swift 3.2+ (Bonus, if small class is written in Objc to demonstrate knowledge)
3. Use of Rx related solution is highly encouraged
4. Pay particular attention to technical design and architecture
5. Test code is encouraged
6. Performance matters
7. Comment your code when necessary.
8. Style your code according to Apple guidelines.
9. Ensure the app is bug free and handles lifecycle callbacks
10. Submit code as a private git repo
11. Feel free to use common libraries with appropriate justification
12. Please include a README with a meaningful explanation