



## Senior iOS Developer Coding Challenge

This exercise is meant to be “real” in the sense that you can do anything you would normally do as part of your workflow. Copying code from Stack Overflow or your own previous work and refactoring is fine if that’s how you work normally but please communicate that detail with us. An incomplete code fragment or design, communicated well is better than a perfect piece of code you can’t explain to us. Have some fun - this exercise isn’t meant to be stressful.

After submission, you will need to explain your reactions, decisions and solutions to us. You will be judged entirely on that delivery or explanation.

### Key Skills

- Working to a set of instructions
- Writing clean, testable code
- Architecture Considerations
- Excellent code style habits
- Able to explain what you’ve done and why

### The challenge

#### Task 1:

Create a scrollable, paginated image gallery pulled from the pic sum API <https://picsum.photos>

#### Task 2:

Allow the user to select an image to view the image details in a separate view

#### Task 3:

Allow the user to ‘favourite’ the images and display them in another tab. The data must persist between sessions

## Code Requirements

1. Please commit your code to a git repository.
2. Your **business logic** is required to have 100% code coverage using Unit Tests

You can use any other technology you are comfortable or familiar with to make the API calls and the user interface. You needn't reinvent the wheel. Frameworks exist to save us time - lean on them as much as you see fit.