



**3 SIDED CUBE**

# **3SC iOS Recruitment Task**

**March 2024**



For this task, you'll need to complete an iOS application using Swift and SwiftUI, and the Pokemon API (<https://pokeapi.co>).

The app should include:

- A searchable list of Pokemon with their names and sprites.
- Detail screens for each Pokemon that list and visualise their statistics.

Notes:

- Feel free to use any additional third-party frameworks, such as Alamofire.
  - (Although please don't use a pre-built PokeAPI wrapper framework)
- It's totally up to you how the app looks, and the specifics of its functionality.

The task will be assessed on the following aspects:

- Technical ability
  - High quality code.
  - Demonstrating good use of Swift technologies.
  - Strong understanding of SwiftUI best practices, state, data flow, and performance.
- Organisational skills
  - A tidy, clean, readable, and well-documented codebase.
  - Good use of git / version control.
- End product
  - How well the app works from a user's point of view.

Something extra:

The following things are not required, but if you have the time and want any extra opportunities to show off!

- Innovation: take advantage of new or recent Swift technologies.
- Accessibility: include support for VoiceOver, font scaling, and / or landscape.
- Multiplatform: support more than just iPhone, for example iOS and iPadOS.
- Visual pizzazz: great UI / UX.

### **Submission:**

Send us the link to your git repository, or even zip it up and send it that way - just make sure we have access to it.



If you have any questions about any of the above please get in touch with us.  
And good luck!