



Interview: Coding Task (iOS)

Hello and welcome to the coding task exercise. This would be the platform where you can show us your skills and how you work on a daily basis.

We think this should take a maximum of 8 hours in total, and they don't have to be contiguous. If you can't finish everything just leave a few TODOs where necessary.

We're looking for clarity and consistency of code, well thought-out architecture and an understanding of best practices. Imagine that you're submitting this code in production, so feel free to take advantage of libraries if you think they're appropriate, even if they are not listed below.

We have left overall design and layout decisions up to you, so feel free to choose best of the UI/UX guidelines for this application.

For submission, you can:

- Archive your code, and email it to us
- Archive your code, upload it to Dropbox/CloudApp/etc, and email a link to us
- Please do not publish this document, it's content or your solution in any of the blogs, repos or public platforms

If something isn't clear or you're not sure about some requirements, just send us an email with your questions, just like you would do if this was a real day-to-day assignment. We want you to succeed as much as you do, so don't worry!

And lastly, have fun with it! Good luck!

Design and implement an iOS application which should have the following 2 screens.

Screen1 - List of GitHub Users Screen

- This screen should be the first screen when user opens the application
- This screen should contain a list of GitHub users
- Please use GitHub API endpoint “api.github.com/users”, to get the list of GitHub users (e.g. if you open this link <https://api.github.com/users> you should be able to see the response), more information on GitHub API v3 is available here <https://developer.github.com/v3/>
- How each user entry in the list should look and what information to display is up to you
- When user taps on any of the user entry, the app should navigate to Screen2

Screen2 - GitHub User Profile Screen

- This screen should contain user specific details for the userId selected in Screen1
- Please use GitHub API endpoint “api.github.com/users/USER_LOGIN_ID” for getting user specific details (e.g. if you open this link <https://api.github.com/users/mojombo> you should be able to see the response for user_login_id mojombo), more information on GitHub API v3 is available here <https://developer.github.com/v3/>
- How user specific details should look and what information to display is up to you
- When user taps on back button, the app should navigate back to Screen1
- User cannot navigate any further from Screen2
- All information on Screen2 is read only and user cannot interact with data other than navigation flow described above

Required

- Latest stable XCode (no beta)
- Minimum iOS version: 13
- UIKit

Recommended

- Following UI guidelines
- Production-ready project (code & UI)
- No 3rd party frameworks
- UI from code
- Unit testing
- Error handling for edge cases