

Costa Coffee App Developer Test

This test is designed to provide a real-world scenario for you to autonomously complete to the best of your ability. We'd like you to complete as much as you see fit to show us what you are capable of. The test will be reviewed, and if successful will form the conversation starter for a technical in-person interview.

We know you're busy

Nobody wants to spend personal time cranking out three or four of these at once, just for the chance at an interview. That said, it's important for us to see how you code, so if you have an example on GitHub of well architected code, written by you, with unit tests, we'll accept that in place of the below. To save yourself time, share with us any personal project or a test for another opportunity— so long as it's a native iOS application (in Swift), send it along and save yourself some time.

The Scenario

We would like a demonstration app that allows the user to use their location and find and display nearby coffee venues (hint: use “coffee” as the “section” parameter).

Please see <https://developer.foursquare.com/docs/api-reference/venues/explore/> for more details on Foursquare's explore API endpoint.

Instructions

The demonstration app should take a minimum viable product approach to show how you approach the problem. We want to be able to see how you would structure your code, unit tests & design your user interface. Provide us with enough of an example without spending too much of your time.

You will need to sign up as a Foursquare developer and create an app in order to use their services. Please see <https://developer.foursquare.com/docs/places-api/getting-started/> for more details.

Rules

1. Please use the latest stable versions of Xcode, Swift & iOS.
2. Your code must be written in Swift and should use the most modern/recent conventions and dependencies.
3. Feel free to use Google, Stack Overflow, and any other websites or tutorials for inspiration but ensure the submitted code is your own solution.
4. Your code must be provided in a GitHub repository.
5. Your project must compile and run without requiring 3rd party dependencies to be downloaded separately.
6. The README.md should contain instructions on where in the code we should add our own Foursquare Client ID & Client Secret.
7. When you submit your test, you must send a summary (or have it as your project's README.md) explaining the approach you have taken.
8. Your code should contain some appropriate unit tests.