eventogy

Experienced iOS Developer

Technical Task 2020

Technical Task 2020

This is a technical task for experienced iOS developer candidates.

It requires the creation of a simple iOS app. The task should take no more than 2 hours. The use of 3rd party libraries and dependency management is accepted and encouraged. The app should take a minimum viable product approach to show how you approach a problem with exceptional production quality code and organisation.

Rules

1. Your code must be written in Swift.
2. When you submit your code, you must send a summary in a readme.md, explaining the approach you have taken.
3. Your code must compile and run as instructed in your readme.
4. Your code must be provided in a github repository to demonstrate your incremental approach and process.

Instructions

Create an app which consists of 2 screens, the contents of which will be obtained from an API. You must save the results of the API request using Core Data (or another local database) so that the app can still be used offline after first successful connection.

You will need to obtain a list of contacts from the following API:
GET https://demomedia.co.uk/files/contacts.json

You will also need to generate a unique avatar for each contact to use as a profile picture.
You should use http://avatars.adorable.io to achieve this.

Screen 1 should show a list of all the contacts, for each contact, show:
• A profile image
• First name
• Last name

Clicking on any of the contacts should take you to Screen 2. Which should show detailed information about a specific contact. It should display the following content:

• A profile image
• Title
• First name
• Last name
• Address

• Phone Number
• Email address
• Whether or not they opted for Marketing
• Date created
• Date last updated

Bonus

Bonus points will be awarded to candidates who can add page load and transition animations.

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