NAPOLEON IT

COMPANY

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Тестовое задание
на iOS-разработчика

P. S. У вас есть три дня на выполнение. Ответ присылайте на af@napoleonit.ru и mvm@napoleonit.ru.

P. P. S Задание написано на простом английском языке, так как вы должны уметь читать документацию. Надеемся, это не будет проблемой.

Coding task
We want you to create a single view iOS application

Input would be a search term for places used for performing or producing music

Output would be places as pins on a map

Requirements
Must be written in Objective-C or Swift

Use MusicBrainz API (https://wiki.musicbrainz.org/Development)

Places returned per request should be limited, but all places must be displayed on map. For example there 100 places for search term, but limit is 20, so you need 5 request to get all the places

Make this limit easy to tune in code

Displayed places should be open from 1990

Every pin has a lifespan, meaning that after that time, they will have to be wiped out from the map

Lifespan is calculated like this: open_year - 1990 = lifespan_in_seconds. Example 2017 - 1990 = 27 seconds

Use stock Cocoa UI elements

Do not use any third party libraries

Produce clean code

Karma for
Following the best OOP practices

Using the most up-to-date conventions you are aware of

Employing multithreading wherever it suits and making sure the UI is fluid and responsive during the entire execution of the application