Vestiaire Collective

My Vestiaire Weather

Objectives

Develop a native application containing **at least** the following elements :

- A list view displaying 16 days weather forecast for Paris
- A detail view displaying a maximum of informations for a specific day's weather
- On the detail view, display "Hot" if temperature is > 25°C, "Cold" if temperature < 10°C

What you need to focus on :

- Choice of architecture. We use MVVM here at Vestiaire but you are free to implement a different architure as long as you can justify why
- Unit Tests implementation
- Justify any dependencies that you might use
- Code quality and code conventions
- Code must be written in Swift, target must be iOS 11.0
- We will actually read your code, don't hesitate to put comments if you think it's necessary

Nice to have :

- Once weather datas have been downloaded, user can access it offline
- Any addition that you can think of (feature/design/etc.)

The use of external dependencies is authorized, but you will have to justify the use for each of them.

This test has no limit of time.

Addtionnal informations

> Open Weather API KEY : `648a3aac37935e5b45e09727df728ac2`

Documentation :

> http://openweathermap.org/api

> http://openweathermap.org/weather-conditions

> `Example 16 days forecast for Paris :`
> https://api.openweathermap.org/data/2.5/forecast/daily?q=Paris&mode=json&units=metric&cnt=16&APPID=648a3aac37935e5b45e09727df728ac2