Simple App to display the result of a network request in a list

Assignment Specification

Overview

The purpose of this assignment is to create a simple App to display a list of properties for Sale using the Daft API. The app should be developed targeting a platform of your choice between Android and iOS. When the app is launched the user is to be presented with a screen showing a "Go" button. Upon pressing the "Go" button a request is made to the Daft API in order to return a matching set of properties.

The list of properties is then displayed on a different screen and for each item an image and some text should be presented.

We are mainly looking at how you approach this assignment and at your coding Style/ability.

Objectives

- Create a simple iPhone or Android app with an initial screen showing a button to initiate the HTTP request and a second screen to show the result retrieved
- Produce clean and well formatted/documented code following appropriate coding standards depending on the platform you choose
- Send an HTTP request to the Daft API and parse the list of downloaded properties
- For each of the properties the API will return an extensive set of data, use the following two fields to populate the list:
  - small_thumbnail_url : URL of a small image associated with the property
  - full_address: the full address of the property
- If you choose iPhone as your target device We would like you to use a UITableView to show the list of properties, in case of Android the results should be presented using a ListView.

Timescale

We recommend that you spend no more the a few hours developing this application.

We are mainly looking at how you approach this assignment and your coding style and ability.

Resources

A request to the Daft API will return a result set encoded using the JSON format, complete documentation of our API is available at http://api.daft.ie/doc/v2/ . You will be provided with an API key that will give you full access to all functionality of the service, but for the purpose of this assignment you should only need to implement the following HTTP request:

https://api.daft.com/v2/json/search_sale?parameters={"api_key":"YOUR_API_KEY","query":{"perpage":50}}