



## Magic Leap Coffee App Assignment

### Overview

The idea behind this assignment is to deliver a simple two-screen application that covers some basic Android App development principles. We are not interested in how fast you can complete the assignment, but rather the quality, structure and design decisions applied during the development of the app. Equally important is the ability to meet the app requirements and follow the design mock-ups provided below.

### Instructions

For this assignment, we are going to be building a Magic Leap Coffee app! The idea is very straightforward; we will begin by creating a screen which will make a network request to **Endpoint A**. Calling this endpoint will return a list of coffee objects in JSON format. Each coffee object will contain information about a type of coffee (e.g. description, image, id, name). We will then present this information in a list following the design mock-up available below. The second part of this assignment is also very simple; when a user taps on a list item, it will then take the user to a second screen which contains more information regarding the selected coffee item. To capture additional information for the selected coffee, you will be making a network request to **Endpoint B** and presenting the information following the mock-up below.

### Endpoints

Endpoint A (GET) - Retrieve coffee list

<https://demo6983184.mockable.io/coffees>

Headers: Accept - application/json

Endpoint B (GET) - Retrieve additional information for a particular coffee

[https://demo6983184.mockable.io/coffees/{coffee\\_id\\_goes\\_here}](https://demo6983184.mockable.io/coffees/{coffee_id_goes_here})

Headers: Accept - application/json

## Basic Requirements

- Your app must be built using Android Studio
- Target Android 6.0.1 (API 23) and up
- Must be able to run in the emulator
- Must follow the general design provided in mock-ups
- May use any third-party libraries
- Include a README file with a summary of any decisions (design or technical) not listed here
- Make app offline usable through any means other than network caching

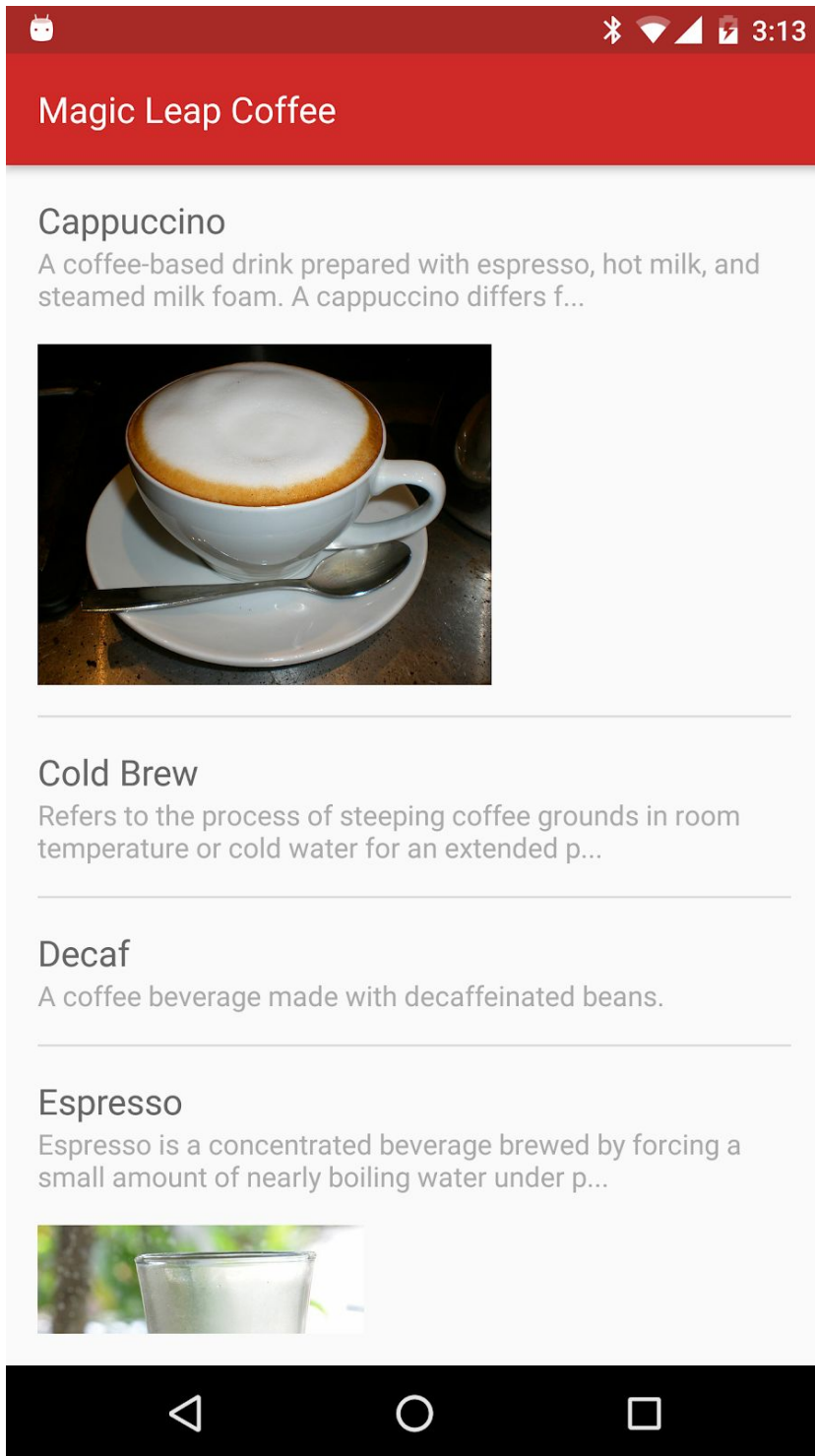
## REALLY Nice to have (Bonus Points)

- Use Pull-down to refresh screen
- Use Retrofit for network calls
- Use of Support Libraries (e.g. AppCompat)
- Write unit-tests where applicable

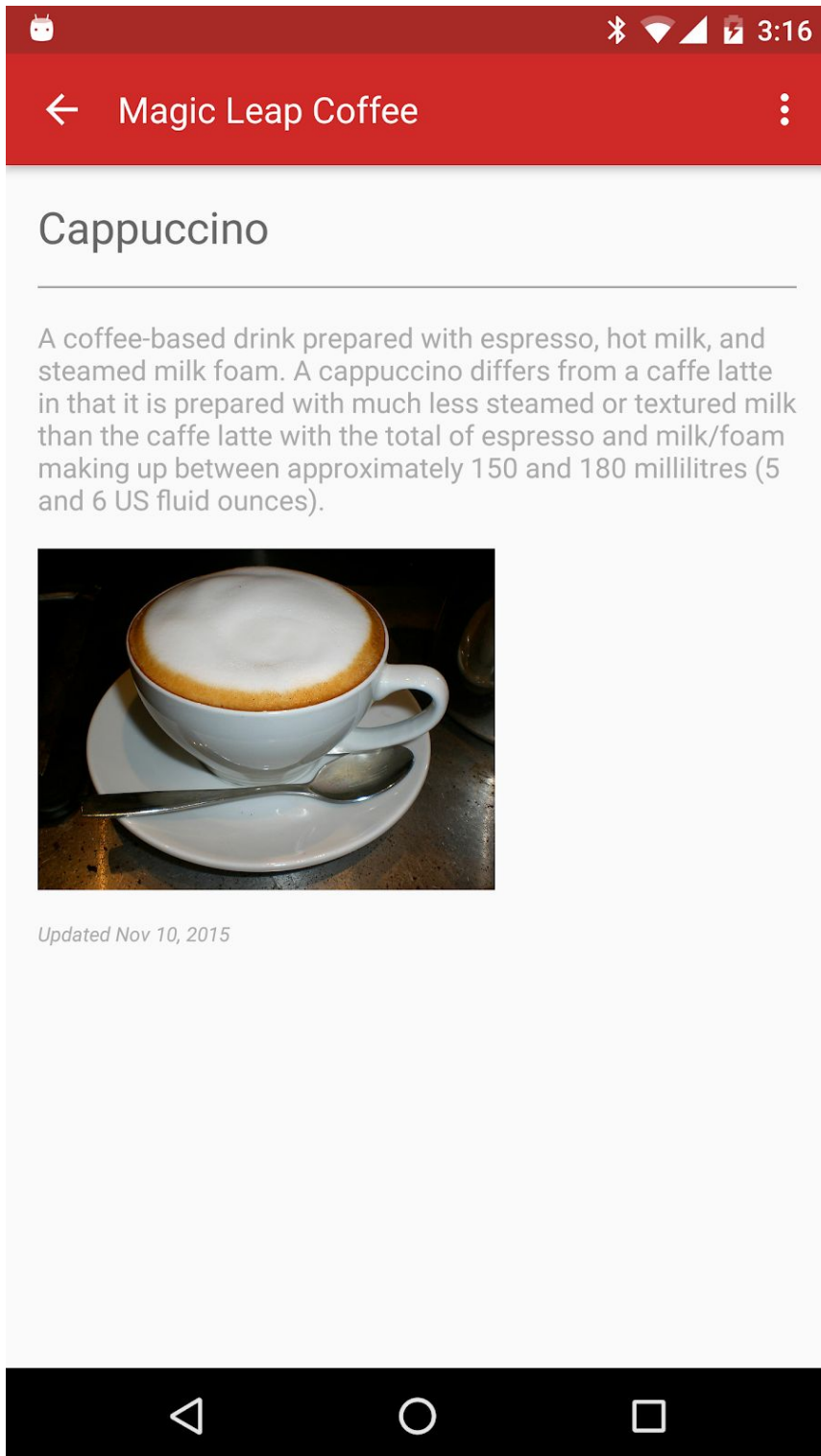
**See next page for mock-ups...**

## **Mock-ups**

### **Screen 1 - Coffee List**



**Screen 2 - Coffee Details**



## Deliverables

The assignment must be completed by the end of the following day. Once completed, please send us your zipped assignment project and an APK of your Coffee app. We will look at your code, run your app and follow-up with an email after we are done reviewing. If you are having issues sending the file over as a regular attachment using Gmail, try using the “Insert with Drive” option next to the attachments icon.

## **Questions**

Feel free to contact us with any questions you may have about the assignment.

**Thank you for your time and Good luck!!!**