



Android Engineer: Home Assignment

OVERVIEW

The purpose of this challenge is to test programming fluency and ability to build a simple Android application. The deliverable is the source code of a functional application implementing all the requirements stated in the challenge, alongside a short description of engineering choices made.

CHOWNOW ANDROID EXERCISE

For this challenge, we'd like you to create a list/detail Android application that displays the different locations of a restaurant. You will need to communicate with an API to fetch the restaurant's data. You can use any framework you would like to.

List View:

- Display a list of the restaurant's locations returned by the API
- Each cell will display the "name" value of each location

Detail View:

- Display the details of the location the user selected from the list
- The restaurant location should be represented by a pin on a map (latitude and longitude can be found in the "address" attribute)
- The restaurant "name" and "formatted_address" should also be displayed under the map.

The UI colors should be limited to ChowNow's brand primary colors:

Goji Berry	R:235 G:79 B:87
Squid Ink	R:11 G:33 B: 53
Frosting	R:94 G:179 B:183
White	R:255 G:255 B:255

Making API Requests:

To retrieve restaurant's company data, you will need to make a GET request to

<https://api.chownow.com/api/company/1>

Please note:

- Given styling flexibility, we still care for the solution to be universal (phone/tablet).

DELIVERABLES:

1. The functional Android project of the assignment
2. A text document providing a high-level overview of engineering choices made.

This assignment should take between 2-3 hours to complete and should be submitted within 48-hours of receipt. You are welcome to ask any and all questions about the assignment, please email gildas@chownow.com.