



Introduction

Hello fellow Code Enthusiast!

As part of our interview process we would like you to complete a programming test. The purpose of this assignment is to develop a small app. Please read the description, then create an app to solve the problem at hand.

Description

As part of the test assignment we would like to ask you to build an app which tackles the following problem:

The app should fetch a JSON feed of cars:

→ **<https://s3-us-west-2.amazonaws.com/wunderbucket/locations.json>**

It should persist them and display the information in two different screens:

Screen 1:

Display all the cars information in a list.

Screen 2:

Display all the cars in the map.

Selecting the car in the list should open the map screen, zoom on that car's location and display its name on top of the map pin.

Selecting the car on the map should display its name on top of the map pin.

Requirements:

- Kotlin or Java (with Kotlin being preferable)
- minSdkVersion 19
- Any third party library can be used

Evaluation:

Architecture - it will be a big plus if you structure your code using the MVP/MVI/MVVM pattern, or any other pattern that you find suitable (and let us know why).

Testability - please add at least one unit test to showcase how would you test the app's business logic

Extensibility - TODOs comments are welcome for unfinished parts with description of what still needs to be done.

UI - keep it minimal but straightforward, and do not worry about the design, we do not have any restrictions here, native UI elements will suffice. If you feel the need to add some cool features to our small app, feel free to do so.

When you are ready, please create a repository in Github/Bitbucket, push your changes into the repository and share it with us. Feel free to contact us with any questions regarding the assignment or the submission process. We would be happy to help!

Good luck! :)