



# **FRONTEND ASSESSMENT**

## Coffee IT

At Coffee IT we work with the following stack

Android:

- XML
- Kotlin
- Jetpack Navigation
- MVVM
- View binding
- Data binding
- Room
- Retrofit

## Why?

Candidates are asked to make a code assessment so we can make an estimation of their code level. It's one of the things we use to determine if you will be a good fit at Coffee IT.

The assessment might not make any sense, but it's a combination of things similar to what we work with on a daily basis. This way we hope we can have a good estimation on your level.

## What?

In our fictitious coffee bar, we have a coffee machine with which you can connect via NFC and compose your coffee via the app.

Design Style screen

<https://www.figma.com/file/gudZreWqLVFiAz4Nn2cvfY/Coffee-Brew?node-id=1%3A195>

Because every coffee bar serves different coffee, the backend team has set up a REST API with which you can retrieve the coffee options from a device. You will get a list of available styles (types), sizes, and extras. For each style, it is indicated which options are available for which style of coffee. This is done using an array of ids in the object type.

API Documentation

<https://darkroastedbeans.coffeeit.nl/docs/>

For a proof of concept we have a test device (Lex) **with id:**

**60ba1ab72e35f2d9c786c610**

It is up to you to develop the screens. Since we don't work with real coffee makers yet, you can omit the NFC connection.

## **Do you really want to impress us?**

It might not be really suitable for this use case, but there's something where you can really impress us. You can implement fancy, but useful, animations to have a smooth user experience or add appropriate (custom) error handling. But impressing us is of course not limited to just that. Be creative and show your skills!

## **Questions?**

If you have any questions during the assessment, feel free to contact Anniek at [a.devries@coffeeit.nl](mailto:a.devries@coffeeit.nl)

It's always better to ask questions than to wait till your technical interview.

## **Feedback?**

We'd love your feedback. If you have any thoughts or struggles with the assessment, don't hesitate to contact us at [a.devries@coffeeit.nl](mailto:a.devries@coffeeit.nl) :)

## **One more thing**

If you can't make the whole assessment (due to lack of knowledge or time) please make sure the things you have are finished. It's better to have a working product that is only half completed, than a product that has all the features but none of them are working or implemented correctly.