**iProcure Android Test**

Hello and thanks for taking the time to try this out.

The goal of this test is to assert (to some degree) your coding, testing, automation and documentation skills. You're given a simple problem, so you can focus on

showcasing your techniques.

***Task Description***

The aim of the exercise is to create an application to enable a user to manage a product listing (in an e-commerce environment).

The user should be able to

* Create a product( refer to screen below).
* View a list of products created.
* Filter list of products per category and search.
* The android application should be able to work offline

The code written for this assignment should be placed on your personal Github/Gitlab.

Based on the requirements above, develop an android application using the designs below.

***Submission Guidelines***

* You can use either Native Java, Kotlin or Flutter
* Should use local db to store created products.
* Should use and demonstrate use of android architectural patterns (MVVM).
* Add comments where necessary.
* You should write testable code and demonstrate unit testing it.
* You can use any testing, mocking libraries provided that you state the reasoning and it's simple to install and run.
* You should document your code and scripts. (Include a detailed ReadMe.)
* Check in your code to github and share the link with title (iProcure Android Test) [*engineering@iprocu.re*](mailto:engineering@iprocu.re) *with* [*lino.carcoforo@gmail.com*](mailto:lino.carcoforo@gmail.com) *in copy.*
* Duration for this task is 12 Hours





