Proto Energy Limited

Hi, below is an Android exercise, it involves building a simple app that displays a list of orders. If you proceed to the next hiring process, you will have an on-site interview with our Android engineers.
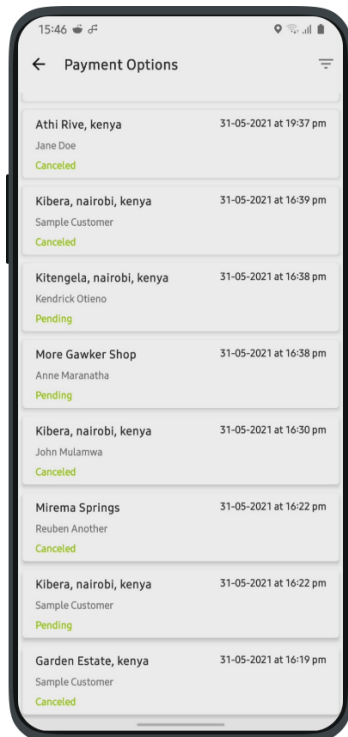
Scenario:

When Proto Energy's drivers are selling on the field, they are able to see a list of orders, the shop name, address, contact et al. See screenshot below.

We need you to:

- Display a list of orders
- Build a "View" that should enable filtering of orders by status

Screenshot below: Feel free to make it better.

The list of orders can be found from here: https://proto-energy.github.io/api/v1/orders.json.

Focus Points

- Your ability to use Kotlin as a language: Coroutines, Flows, KTX, Standard library etc.
- Your knowledge on Jetpack Components: MVVM, view binding, live data, etc.
- Dependency Injection using [Hilt](#)
- Network Connections using Retrofit, OKHttp, logging…inclusive of network error handling
- Using Moshi to generate data classes.
- Memory leak detection.

VCS

The source code for your app should be available via a public GitHub repository.