



## **Interview Coding Question**

## Instructions

- a) This question is to be done strictly **individually** and for a **maximum** of Three(3) days.
- b) Try to be as **Innovative** as you can
- c) **Before** you start coding, create a repository with the name `ubuni_phone_app` at Github and add [REDACTED] (username: [REDACTED]) as a collaborator.
- d) Make sure you keep pushing commits to that repository through out your app development phase
- e) When you are done, let the collaborator know via email

## f) START CODING

You are a Flutter Developer and You have been Tasked by Ubuni Soluciones Limited to build a mobile application for a Mobile Phone Selling Shop. Your Task is to create a simple application with the following.

- i) A home view
- ii) A view to list all phones
- iii) A view of a single phone

## Notes:

### 1. List of all phones

You will get the list of all mobile phones available from GET <https://www.paa.ubuni.co.tz/phones>  
This will return a JSON array with the list of the mobile phone in the following format

```
[
  {
    "id": 1,
    "name": "F1",
    "Brand": "Techno"
    "Image_url": "https://www.paa.ubuni.co.tz/techno.jpg"

  },
  {
    "Id": 2,
    "name": "J5",
    "Brand": "Samsung",
    "Image_url": "https://www.paa.ubuni.co.tz/samsung.jpg"
  },
  .....
]
```

## 2. Viewing a Single phone

To view a single mobile phone, send a GET request to <https://www.paa.ubuni.co.tz/phones/:id>  
:id is the Id of the phone. You will get back the following JSON response as an example

```
{
  "Id": 2,
  "name": "J5",
  "Brand": "Samsung",
  "Image_url": "https://www.paa.ubuni.co.tz/sumsung.jpg"
}
```