**Phase I**

**As a script writer**,

**I want to** have the script generated, so I can minimize the configuration and setup steps in the script.

**Requirements:**

* Script can set all capabilities for the phone or simulator used.
* Script can parse the json file with predefined format but to get unlimited length of parameters for retrieving the image later. Here is example.

***{"name":"fruitdetection\_input","children":[{"name":"fruit\_type","children":[{"name":"Apple"}]},{"name":"quality","children":[{"name":"Fresh"}]},{"name":"quantity","children":[{"name":"One"}]},{"name":"orientation","children":[{"name":"Front to Back"}]},{"name":"color","children":[{"name":"Red"}]},{"name":"brand","children":[{"name":"Fuji"}]}]}***

* The script should be scenario based, meaning one script means one scenario. So a json file will create a single script. (This means 1000 json files creates 1000 corresponding scripts).
* Script can retrieve the image through image library API with parsed parameters above. (image library API is under construction. Try hard coded in the meantime)
* Script can navigate the AI part of the apps (might need customize steps based on apps. For now, using taptapsee)
* Script can wait for apps to respond with message
* Script can assert the message against the expected text message that come with the tags of the image retrieved.
* Script has option to execute multiple times.
* Script can be executed in Runner.

**Assumption:**

We will select a fixed set of phones and platform Version to test:

iPhone X

13.0

12.0

Samsung 9

Oreo 8.0

Pie 9.0

Android 10

**Successful Criteria:**

* Able to run script on iOS device through runner
* Able to run script on Android device through runner
* Able to run script on iOS simulator through runner
* Able to run script on Android simulator through runner
* Able to run script on selective version of iOS or Android through runner