Automation home assignment:

We want to build new UI testing scripts for our new counter application.

User flows:

1. Increment/decrement counter.
2. Reset button set counter to 0.
3. Check counter values are 0-31 , other values are not valid.
4. Popup message if value equal to 5.
5. Check if counter value divide by 10 and show message.

A picture containing chart

Description automatically generated

The application is written using [Flutter](https://en.wikipedia.org/wiki/Flutter_(software)).

1. Install Flutter SDK : <https://flutter.dev/docs/get-started/install>
2. Install IDE using the above link (Android studio or other)
3. Checkout git repo and create new branch “ui\_testing”.
4. Write UI testing for Flutter application according to User flows.
   1. Explain in comment what is the prepose of each test.
   2. Try to cover all available flows.
5. UI testing reference:
   1. <https://flutter.dev/docs/testing#widget-tests>
   2. <https://medium.com/flutter-community/the-key-to-widget-testing-f467a716799a>
   3. Etc. (search for more if needed).

Git repo:

<https://github.com/LevFirerNayax/flluter-test-app.git>