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1. Why test automation?

- Automated testing means using automated tools to run test cases on behalf of humans.

- Data can be taken from excel, csv files (in this project we use Katalon and use data in excel files).

- Helps save time and money: it will take a lot of time to test a test-case with many cases, or there are many test-cases that need to be tested. Especially during the maintenance phase of large projects. Every week need to run tests 1-2 times in 1-2 days with large number of test-cases.

- More accurate: Automated testing makes testing more accurate, avoiding the situation of incorrect manipulation from the tester.

- Higher coverage: Automated test runs make it possible for testers to test a large number of test cases in a short time.

- And the automated testing software can also calculate the performance, loading, the test-cases are wrong and wrong in any case.

2. When to test automation?

- It only takes 1 or 2 days since the Dev released the latest version of the application to the customer, in this short time, maybe the customer will ask to test a very large number of test-cases, and now should think about test automation.

- When you want to test the performance, load the application, automated testing is the only option.

- When the number of cases is too much, but they all share the same test scenario.