Full name: Ngô Thanh Lực

Student's ID: 20120325

Project in Katalon: **Automated testing in Searching with Datepicker**

- Search with valid from date
- Search with invalid from date
- Search with valid to date
- Search with invalid to date

Question: Why and when do we use test automation?

Answer:

Why use automated testing:

Since manual repeated testing is costly, time consuming, unable to check all error cases, unable to test more cases of functionality, etc., we need to use automated testing to help us improve the testing process.

When using automated tests:

Test frequency is the most concern factor when using automated testing, how often you need to run certain test cases, when you have a large number of test cases, when the importance of features has a higher probability compared to other features, The failure rate is higher because manual testing is very complex and when manual testing doesn't work, when we have more test cases for a certain functionality, then automated testing is needed.