Full name: Lê Công Hửu

Student's ID: 20120294

Project in Katalon: **Automated testing in Create Room**

- Create a new room
- Create new room with missing information

Question: Why and when do we use test automation?

Answer:

We use test automation because it is less time and cost consuming than manual testing, automated software testing process reduces the time when test repetition starts, if manual testing is taking a day, automation will only take some hours. Manual testing repeats the set of tests so many times, so it can become tedious and error prone. Automation testing, increase my test coverage, repeatability & consistency, we can execute complex scenarios on multiple systems having different configuration at same time.

We use automation testing when this feature needs sequential operation, application return results highly depend on input test data so the test process needs repeating many times with each set of data. Or when manual testing is too complicated to do.