

Student name: Nguyen Thi Anh Tuyen

Student ID: 20120422

Project with 3 test-cases Login feature in Katalon: NguyenThiAnhTuyen.zip

- Login successfully with valid Email and password
- Login fails with wrong Email.
- Login fails with wrong password.

Question: Why and when do we use test automation?

Answer:

Why do we use automation testing?

Automation testing is the process of using specialized software to execute a test case suite to check that a product, service, or system meets its requirements.

There are several reasons why automation testing is useful:

- **Repeatability:** It allows you to run the same tests repeatedly, ensuring that the software behaves consistently over time.
- **Efficiency:** It can significantly reduce the time and effort required to test software manually.
- **Coverage:** It allows you to test a wide range of scenarios and edge cases that might be difficult or impossible to test manually.
- **Reliability:** It can help to detect and prevent defects in the software early in the development process.
- **Continuous Integration:** It helps to integrate new code changes and ensure that the software is still working as intended.

When do we use automation testing?

It is typically used for repetitive and time-consuming tasks. Automation testing is also useful for testing scenarios that are difficult or impossible to test manually, such as testing software that runs on different platforms or devices, or testing software that requires a large number of inputs. However, automation testing is not a replacement for manual testing in case of usability testing.