

# **AUTOMATED TESTING REPORT**

**By**

**18127092 – Phạm Vũ Duy**

**Group: 06 – KTPM1**

## Why do we need automated testing?

- Main reason:
  - **Running test 24/7:** We can run test every time even when we leave the office or sleeping the test will keep running. When we wake up or get back to the office the test already finished and we can continue working
  - **Fewer human resource:** We don't need many employees to do the automated testing. We just need couple of test to write test case and let the machine do the work, instead of a room full of people doing boring testing by hand
  - **Reusability:** We don't need to do the test again when having some changes in the running environment
  - **Volume:** Automated test allows us to run test on multiple devices with different hardware and software. We can't do such work manually
  - **Continuity:** Allow tester to know what the other have done, what bugs have already been found, what script have already written
  - **Cost:** Testing usually cost 15 to 25 percent of the project budget. This number can reach to **50 percent** in some project. Automated test in long term will help to reduce this costly process.

