Group 5 – Nguyen Huynh Sang – 20125111

Why and when do we use test automation?

There is a need for an automation testing because of the following reasons:
- Automated testing saves time and effort. The amount of those reduced resources can be used for other process of the software development.
- Automated tests can be reused repeatedly, reducing the time to run repetitive manual tests from about a week to a few hours.
- Automated testing is reliable, manual testers are humans and mistakes are to be expected but automated testing can run exactly what we want to do in case the scripts are correct.

Test automation can be used in the following scenarios:
- Testing tasks that are repetitively and relatively unchanging.
- One function needs to be tested with different inputs.
- Functions that need to be measured the speed and correctness.

Test project description

Test project: muly. The function tested is the register function with different inputs of valid and invalid account:
- A registered account
- A new account.