## INTRODUCTION TO SE

## Ph.D Vu Nguyen

Student ID: 20120574

Name: Tran Duy Tan

Test Project: Sample – Web API Tests

Question: Why and when do we use test automation?

## Why?

Reuse test many times

- Time and cost-effective because we can test multiple test case in a short amount of time therefore reducing money spend on testing
- Better than human manual tests
- Automated Testing Helps Developers and Testers

## When?

- When performance test and load test can only be performed by automation testing
- When we need to do regression testing and re-test
- When we want to test on different environments
- When test functions that are stable and unlikely to change in the future