

# INTRODUCTION TO SE

Ph.D Vu Nguyen

Student ID: 20120234

Name: Ngo Nguyen Quang Tu

Test Project: Sample - Web API Tests

**Question:** Why and when do we use test automation?

## **Why?**

- Test automation saves money and time
- Contribute to improve the accuracy of testing
- A helpful way to increase the test coverage
- Faster Time to Market

## **When?**

- When repetitive tests are used
- When multiple tests need running at once
- When tests are running often
- When time-save activity should be performed to increase the productivity
- When the product's quality can be improved as test automation prevents and reduces the possibility of the human mistakes
- When some cases are at high risk