



# CERTIFICATE OF COMPLETION

IS HEREBY PRESENTED TO:

**JESSA BELLE S. CASTILLO**

For having successfully attended and completed the  
**8-HOUR TRAINING** in **"AUTOMATION TESTING  
USING SELENIUM AND CUCUMBER"**

via Zoom on the **24th and 25th day of June 2023.**

  
**M.A. MASUSHIMA**

Chief Executive Officer  
Founder



  
**ENGR. TIMOTHY MADRID**

Chief Operations Officer  
Founder



**MR. RALPH CARRAO, ISTQB®-CTFL, KIKF®**

Senior Professional Test Automation Engineer  
Certified Scrum Master



## COURSE OUTLINE:

### DAY 1:

- Introduction to Automation Testing
  - Evolution of Software Testing
  - What is Automation Testing?
    - Why Automation Testing?
  - Manual vs. Automated Testing
  - Automation Testing Process
  - Types of Automation Testing
    - Test Automation Pyramid
      - Ice Cream Cone Anti-Pattern vs. Ideal Test Automation Pyramid
  - Decide What to Automate
    - Test Case Prioritization
  - Pros and Cons of Test Tools
- Testing Framework Comparison
- Test Automation Architecture
- Cucumber Tool Introduction

### DAY 2:

- Selenium Essential
  - Build Tool using Gradle
- How to Work with Cucumber and Selenium in a Workplace
- How to Become a Full-stack Test Automation Engineer