

Agile Testing

This training focusses on 'Built-in Quality' in software products. It teaches participants the key concepts and practices in 'baking in quality' and equips them with tools and techniques to facilitate repetitive testing routines. It uses hands-on activities to depict leading automation frameworks.



Training Overview

This training helps to cultivate a test-first mindset in development teams and helps to steer away from the traditional project mindset. It builds an understanding of the different agile testing practices such as ATDD, BDD, TDD and provides a hands-on experience on how they are applied. Participants will also learn to write basic automation test scripts.

Training Objectives

This training takes a pragmatic approach to Agile testing by

- Defining key Agile testing concepts in comparison to the traditional approach
- Deep diving into BDD, TDD, ATDD
- Teaching how to automate unit testing and functional testing
- Providing a hands on learning experience

At the end of the training, trainees have a clear understanding about the following:

- Role of a tester in an Agile environment
- Collaborating effectively from a test automation perspective in an Agile team
- Driving user-centric requirements using BDD approach
- Driving development activities using ATDD

Target Audience

QA specialists, testers, QA analysts, QA/Test managers, developers, scrum masters, but can also be extended to any team member who is keen in delivering working software to the highest quality possible fast and effectively.

Prerequisites

Participants should have a basic working experience in writing code in Java, object-oriented programming and software development.

Training Content

1. Agile Testing
 - Evolution of Agile Testing
 - Differentiate from traditional approach
 - Agile Testing quadrants and pyramid
 - Mindset shift for better collaboration
2. Common Agile Testing Practices and Tools
 - Behaviour Driven Development using Cucumber & Gherkin
 - Functional testing using Selenium
 - Test Driven Development using JUNIT, Sprint boot
3. Practices Complementing Agile Testing
 - Overview on CI/CD pipeline
 - Technical debt and its impact on time to market

Training Information

Training will be conducted by an experienced trainer and Agile Coach from why innovation!.

Each training will have a maximum of 12 participants.

Duration: 2 days (16 hours)

Location: Singapore/ Hong Kong/ Shanghai

Price: SGD 1,600/ HKD 9,000/ CNY 6,000

Select more than 1 training to be eligible for a discount.

Related Trainings

1. Lean Startup
2. Scrum Developer with PSD I Certification
3. Scrum Master with PSM I Certification

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