# Course Guide

# User Acceptance Testing Training

"Thank you for providing the detailed testing training with a hands-on practical approach. I've learned a lot of new ways of testing different applications"

**- Harry Vadagama.
Test Engineer,
Dell**

User Acceptance Testing is normally the pre-production testing that is done by Users or probably the Product Owners in Agile terms. This is the testing where Subject Matter Expert or Domain Expert or Product Owner gets involved in the pre-launching testing to identify issues if found.

With this course all the students will learn how to do User Acceptance Testing and what things are involved including some basic software testing processes and methodologies. Also, participants would know how to do plan, test and execute the tests and do retrospective at the end of the project.
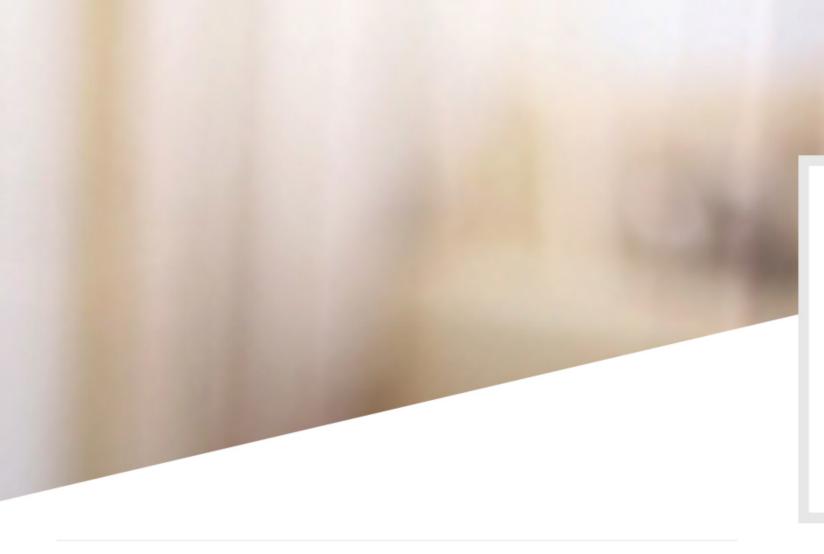
## Pre-Requisites

Nothing but your willingness to learn and explore the system.

## Course Objectives

- ✔ Learn what is Software Testing
- ✔ What are the types of Testing?
- ✔ What are the methodologies used?
- ✔ Understand challenges involved in doing UAT
- ✔ Understand how to create User Acceptance Test Plans
- ✔ Understand how to do Bug Reporting
- ✔ Learn why UAT is important

## Course Audience

- ✔ Software Testers
- ✔ Application Support Representatives
- ✔ Product Owners
- ✔ Business Analysts
- ✔ Programmers or Developers
- ✔ Domain Experts
- ✔ Subject Matter Expert

# Course Content

## Module 1: Software Development Models / Methodologies (SDLC) and UAT

- Challenges of Software Testing and solutions.
- Understanding SDLC/ Software Life Cycle.
- Waterfall, Incremental, Agile testing and V-Testing Models.
- UAT in the SDLC.
- UAT's importance and the involvement throughout the SDLC.

## Module 2: Fundamentals of Software Testing

- Software testing and its importance.
- Typical problems encountered with software.
- The Cost of Quality (CoQ) and the cost of finding defects too late.
- Bug, Defects and Failure.
- Validation vs Verification.
- Four stages of software testing (Unit, Integration, System, User Acceptance Testing (UAT).
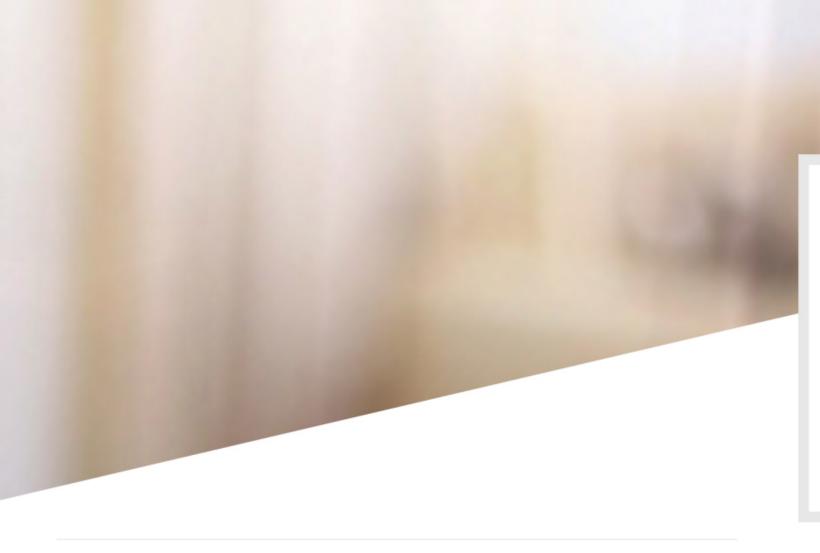- Testing best practices.

## Module 3: Types of Testing and where UAT stands

- Functional/Non Functional Testing.
- Black Box/White Box Testing.
- Grey Box Testing.
- User Acceptance Testing.
- Regression Testing.
- Independent Testing.
- Performance Testing.
- Structured User Acceptance Testing.
- Methods of User Acceptance Testing.
- When User Acceptance Testing Occurs.
- The three testing techniques for UAT (i.e., control flow, parallel, and positive testing).
- Tasks of UAT testing and Characteristics of a good UAT tester.

## Module 4: Risk Based Testing

- Understanding and assessing business risk.
- Defining risk in a test strategy.
- Documenting risks and contingencies in the test plan.
- Designing tests based on risks.
- How risk impacts the performance of a test.
- The role of risk in test reporting.
- Reporting risks in constructive ways.

# Course Content

## Module 5: Designing UAT Test Plans

- Importance of UAT planning.
- What is a UAT Test Plan?
- Steps for creating a UAT Test Plan.
- UAT test coverage.
- Testing scope.
- Creating and Executing the UAT Test Cases.
- UAT Test Plans and Test Cases relation.
- Documenting UAT Cases.
- Verifying the Test Results.
- Reviewing Test Specifications.

## Module 7: Challenge in UAT

- Lack of coordination.
- Business users Lack advanced testing skills.
- Understand/Involve the Users.
- Increased UAT cycle time.
- Lack of formal business processes/poor quality UAT scripts.
- Team Motivation

## Module 6: Bug Reporting

- Why Do Bug Reporting?
- Which Bugs to report?
- How and when not to report?
- How to report Bugs
- Bug Defect Life Cycle.

# Free Seminars

> Software Testing Seminar

> Software Testing Workshop

> Website Development Seminar

> Career Development Seminar

# Training Courses

## Software Testing

> Software Testing Career Package

> User Acceptance Testing

> Selenium Training

> Software Testing Training

> ISTQB Foundetion Testing

> LoadRunner Training

> Agile Testing Training

> QTP Training

> JMeter Training

## Web Development

## Scripting & Database

> Microsoft .Net - Hands On

> VB Scripting

> Microsoft .Net - Advanced

> SQL for Testers

> Fundamentals of Java

> SQL Server

# Certifications

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