

Wizards Training

QA Training Course Curriculum

Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm

▪ **Introduction to QA**

- Introduction to Quality Assurance
- Role of a QA
- What is SDLC?
- What are various methodologies of software development?
- What is STLC?
- What are various stages of STLC?
- Essential Skills Required
- What is Client Server Architecture?
- What is 3-tier Architecture?
- What is N-tier Architecture?
- What is an Intranet / Internet?

▪ **Manual Testing**

- What is Testing and why it is important part of development?
- What is Manual Testing?
- What is Automation Testing?
- What is Positive Testing?
- What is Negative Testing?
- What is Regression Testing?
- What is Validation Testing?
- What is Black Box Testing?
- What is White Box Testing?
- What is Security Testing?
- What is User Acceptance Testing?
- What is Functional Testing?
- What is Integration Testing?
- What is database/Backend Testing?
- What is Regression Testing?

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- What is Unit Testing?
- What is Load Testing?
- What is Performance Testing?
- What is Stress Testing?
- What is a Test Plan?
- What are the contents of a Test Plan?
- What is a Test Case?
- How to write Test Cases?
- What is an RTM and what is its significance?
- What is the difference between Verification and Validation?
- What is mock up or Storyboard?
- What is USE CASE and why it is important part of software development?

▪ How to write Manual Test Cases?

- How to Execute Testing?
- What are Defects / Bugs?
- What is the Defect Life Cycle?
- What is Priority?
- What is Severity?
- What are different types of Status?
- How to take snapshot?
- ***Exercise on writing and assigning Defects in Excel.***
- What is Quality Center / Test Director?
- What is the difference between Test Director and Quality Center?
- What are the versions of Test Director/ Quality Center

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■ Automation Testing

- What is Automation testing in QA?
- When is Automation required?
- Industry standards and tools available to accomplish the job

■ Quality Center 9.0 / Test Director

- How to define requirements in Quality Center?
- How to define child requirements in Quality Center?

■ *Writing Requirement in Quality Center.*

- What is Test Plan in Quality Center?
- How to write Test Cases in Quality Center?
- How to assign Test Cases to Requirements?

■ *Writing Test Cases in Quality Center.*

- What is Test Lab?
- How to execute Test Cases in Quality Center?

■ *E executing Test Cases in Quality Center.*

- How to Create Defects in Quality Center?
- How to assign Priority in Quality Center?
- How to take a snapshot in Quality Center?
- How to assign Test Cases to Defects

■ Load Runner Overview

- What is LoadRunner?
- What are the versions of LoadRunner?
- What is performance testing?
- What is Virtual User Generator?
- How to record a script in Vugen?
- How to Replay a script in Vugen?

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- How to Cleanup a script in Vugen?
- What is Think Time?
- How to adjust Think Time in Vugen?
- What is Load Runner Controller?
- What is LoadGenerator?
- How to design a scenario?
- What is Transaction Response Time?
- How to configure a monitor?
- What is Ramp-up?
- What is Ramp-down?
- What is Duration?
- What is Elapse Time?
- How to Execute a Scenario?
- What is Load Runner Analysis?
- How to create a Professional Report in LoadRunner Analysis?
- How to export a report?

▪ **QTP (Quick Test Pro)**

- What is WinRunner?
- What is QTP?
- What is the difference between QTP and Winrunner?
- What are the versions of QTP?
- How to record a script in QTP?
- How to replay script in QTP?
- What are checkpoints?
- How to Add Checkpoints?
- What is an Object?

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- What is a property?
- What is a Value?
- What is VB Script?
- What is a Light weight language?
- How many types of checkpoints are there?
- What is Standard Checkpoint?
- What is Database Checkpoint?
- What is Bitmap Checkpoint?
- What is Text Checkpoint?
- What is a Text Area Checkpoint?
- What is Keyword View?
- What is Action?
- What is Expert View?
- What is Global sheet?
- How to record a corporate style script in QTP?

■ **QTP Continued (Quick Test Pro)**

- What is Parameterization?
- How to do Parameterization?
- How do I get data?
- What is dynamic Value?
- What is Output Value?
- What is Object Repository?
- What is Object Spy?
- How to use Object Spy?
- How to understand VBScript code generated by QTP?
- How to fix a broken script?
- What is Exception Handling?
- What is Recovery Scenario Manager?

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- What is Standard Recording?
- What is Analog Recording?
- What is Low Level Recording?

▪ Database Basics and Resume Preparation

- What is a Database?
- What is a Table?
- What is Primary Key?
- What is Foreign Key?
- What is a Select Statement?
- What are Insert, Update, and Delete Statements?
- What are SQL, TSQL, and PL/SQL?
- What is Primary Key?
- What is Foreign Key?
- What is Oracle?
- What are the versions of Oracle?
- What is SQL Server?
- What are the versions of SQL Server?
- What is Database testing?
- Resume Preparation Tips.
- Sample Resumes
- Sample Interview Questions on QTP.
- Sample Interview Questions on LoadRunner?
- How to clear an Interview?
- How to build confidence?
- How to crack a QA Interview?
- Mock Interview