

Introduction&Basics of Testing

- ❖Application Components, ❖Reports, ❖Testing Techniques.
- ❖Boundary Value Analysis & ECP
- ❖Decision Table & Template for BVA Error Guessing.
- ❖Test Case General Template ❖Test Case Company Template.
- ❖Practical Sessions for Test Case ❖Error Bug Defect & Failure

Manual Testing in Detailed

- ❖Software Quality & Its Factors, Roles Of Manual Tester.
- ❖Classification Of Applications, ❖Test Information Flow.
- ❖Manual Testing Vs Automation Testing.
- ❖Project Base Testing & Product Base Testing.
- ❖Patch & Hot-fix, ❖Build , ❖Release & Version.
- ❖Walk-through , ❖Inspection & Review.
- ❖Moderator ,❖Author & Scribe Roles Of Manual Tester
- ❖Roles Of Manual Tester.

Levels Of Testing

- ❖Classification Of Applications, ❖Test Information Flow.
- ❖Unit Testing, ❖Integration Testing
- ❖Top Down Approach with STUBS
- ❖Bottom Up Approach with DRIVER
- ❖Sandwich Approach, ❖Big Bang Approach, vSystem Testing
- ❖Load Testing, ❖Stress Testing, ❖Volume Testing
- ❖Reliable Testing, ❖Acceptance Testing, ❖UAT, ❖OAT
- ❖Contract & Regulation Acceptance Testing.
- ❖Alpha & Beta Testing.

SDLC & STLC Models

- ❖Waterfall Model., ❖Prototype Model ❖Incremental Model.
- ❖Spiral Model ❖RAD Model ❖V Model
- ❖Agile Model with SCRUM Technology
- ❖Phase Of SDLC (a) Requirement & Analysis,
- b) Designing ,c) Coding d) Testing. e) Deployment/Delievery.
- f) Maintainance/ Next Release.
- ❖Categorization Of SDLC, ❖SDLC Based on Project.

SDLC Models

- ❖Waterfall Model, ❖Prototype Model, ❖Incremental Model
- ❖Spiral Model, RAD Model, V Model
- ❖Agile Model with SCRUM Technology

BUG LIFE Cycle

- ❖New , ❖Open, ❖Assign, ❖Fixed, ❖Pending Retest,❖Retest,
- ❖Closed, ❖Reopen, ❖Pending Rejected,❖Rejected,
- ❖Postponed & Deferred

Type Of Testing

- ❖Smoke & Sanity Testing , Aging Testing, Benchmar Testing, Documentation Testing, Destructive Testing.
- ❖I18n Testing, Pair Testing, Parallel Testing, Penetration Testing, Ramp Testing, Penetration Testing, Scalability Testing, Vulnerability Testing.
- ❖Positive & Negative Testing.
- ❖Usability Testing & Recovery Testing.
- ❖Patch & Hot-fix, Security Testing.
- ❖Install/Un-installation Testing, Compatibility Testing.
- ❖Comparison Testing, Static & Dynamic Testing.

Software Configuration Management

- ❖Use Of SCM, ❖Steps to Monitor SCM

Risk and Types Of Risk

- ❖Project Risk ❖Product Risk ❖Technique to Handle Risk.

Mobile Testing Basic Session

- ❖Web & WAP, ❖Android Testing Framework,
- ❖Robo-lectric Framework

QTP (Quick Test Professional)

- ❖Introduction ❖About QTP, ❖Hp QTP License,
- ❖Sample QTP Application, ❖QTP Screen, ❖Rules to use QTP.
- ❖Recording Modes ❖Checkpoint.
- ❖Parametrization Test., ❖Output Values.❖Regular Expressions
- ❖Split Action. ❖Automation Framework.
- ❖Descriptive Programming.❖Environment Variables.
- ❖Synchronization Point. ❖Recovery Scenario. ❖Run Modes.
- ❖Batch Test.❖Invoke Application.❖Step Generator.
- ❖Function Defined Generator.❖Conditional & Loop Statements.

Bug Tracker Tool

- ❖Admin Work, ❖Create Database Connection.
- ❖Create User Credential(Tester & Developer)
- ❖Create Project Details. ❖Tester Work
- ❖Report Bugs(Fail Conditions)
- ❖Developers Work ❖Track Bugs (Fail Conditions)

Quality Center (Q.C)

- ❖Requirement Tab, ❖Plan Test, ❖❖Test Lab, ❖Defects Tab,
- ❖How to Report Pass & Fail Condition in Real Time

LOADRUNNER Tool

- ❖Loadrunner Components, ❖Vuser Generator, ❖Controller
- ❖Analysis, ❖Loadrunner Testing Process
- ❖Terminologies Used In Loadrunner., ❖Load Testing.
- ❖Stress Testing., ❖Volume Testing.
- ❖Randezvous Points., ❖Transaction Response Time.
- ❖Think Time., ❖Loadrunner Practical Session

Winrunner Tool

- ❖Recording Points., ❖Checkpoints., ❖Synchronisation Point.
- ❖Transaction Point., ❖Gui Map Editor., ❖Parameterization.
- ❖Error Handling., ❖Invoking Application.,
- ❖Paste And Execute Tsl Script., ❖Call To Qtp.,
- ❖Regular Expression.❖Gui Spy., ❖Batch Test.,
- ❖User Defined Functions.

Silk Test - Functional Tool

- ❖Silk test introduction, ❖Difference b/w silk test & QTP
- ❖Silk test architecture& testing process
- ❖Silk test navigation with scree, ❖Verification points
- ❖Properties verification points, ❖Bitmap verification points

VB Script – 35 commands Training

- ❖How to create script. ❖How to Run Scrips.
- ❖How to Edit Script.

Xenu Tool (Broken Link Test)

- ❖Introduction to Xenu Tool, ❖How to Insert Url
- ❖How to find Broken Links Report., ❖How to generate Reports

IE TESTER Tool (Browser Compatibility)

- ❖Introduction to IE Tester.
- ❖Compatibility check w.r.t Multiple IE versions

Live Project On Web Base Application

- ❖Duration : 20 Days including Practical Session
- ❖ Project Introduction
- ❖ Project Architecture
- ❖ Project Flow Explanation.
- ❖ Your Module in the application.
- ❖ What you have been Tested ?
- ❖ Test case requirements Based on your project.
- ❖Interview Questions on Project