

## Software Testing Tools

- ✓ Introduction
- ✓ Introduction to software Testing
- ✓ Software Development Process
- ✓ Project Vs Product
- ✓ Objectives of Testing
- ✓ Testing Principals
- ✓ Software Development Life Cycle
- ✓ SDLC
- ✓ SDLC Models
- ✓ Waterfall Model
- ✓ Spiral Model
- ✓ V Model
- ✓ Prototype Model
- ✓ Agile Model (Scrum)
- ✓ How to Choose Model for a Project
- ✓ Software Testing-Methods
- ✓ White Box Testing
- ✓ Block Box Testing
- ✓ Gray Box Testing
- ✓ Levels of Testing
- ✓ Unit Testing
- ✓ Structural Testing
- ✓ Statement Coverage Testing
- ✓ Condition Coverage Testing
- ✓ Branch Coverage Testing
- ✓ Path Coverage Testing
- ✓ Integration Testing
- ✓ Big Bang Integration
- ✓ Top Down Approach
- ✓ Bottom up approach
- ✓ Stubs and Drives
- ✓ System Testing
- ✓ Functional Testing
- ✓ Non Functional Testing
- ✓ Compatibility Testing
- ✓ Performance Testing
- ✓ Load Testing
- ✓ Volume Testing
- ✓ Stress Testing
- ✓ Recovery Testing
- ✓ Installation Testing
- ✓ Globalization Testing
- ✓ I18N
- ✓ L10N
- ✓ Security Testing

- ✓ Usability Testing
- ✓ Accessibility Testing

## User Acceptance Testing

- ✓ Alpha Testing
- ✓ Beta Testing

## Testing Terminology

- ✓ Functional Testing
- ✓ End-End Testing
- ✓ Ad-hoc Testing
- ✓ Risk Based Testing
- ✓ Sanity/Smoke Testing
- ✓ Re-Testing
- ✓ Regression Testing
- ✓ Exploratory Testing
- ✓ Parallel Testing
- ✓ Concurrent Testing

## Windows & Web Application

### Testing

- ✓ Check List for Window App Testing
- ✓ Check List for Web Application Testing
- ✓ Web App Testing Terminology

## Software Testing Life Cycle (STLC)

### Test Strategy

### Test Planning

### Test Cases Design

- ✓ Error Guessing
- ✓ Equivalence Partition
- ✓ Boundary Value Analysis

### Test Case Authoring

- ✓ Functional Test Case
- ✓ Review Test Case
- ✓ Walkthroughs
- ✓ Inspection
- ✓ Peer Review
- ✓ Traceability Matrix

### Build Release Process

- ✓ SRN & DD
- ✓ Build Deployment
- ✓ Project Dev Env (Dev, Test, Prod)

## Defect Reporting & Tracking

- ✓ Defect Reporting
- ✓ Defect Life Cycle
- ✓ Severity, Priority
- ✓ Defect Tracking Tools

## Test Closure

- ✓ Criteria for Test Closure
- ✓ Test Summary Reports

## Additional

- ✓ Introduction to VSS
- ✓ Project Metrics
- ✓ QA & QC
- ✓ ISO & CMM Standards
- ✓ Testing Certifications
- ✓ Interview Question
- ✓ Organization Hierarchy
- ✓ Role of Project Team Members

## Test Management using

## Quality Center

Overview on Test Management

Architecture of QC Tool

## Site Administrator

- ✓ Create Project
- ✓ Create Users
- ✓ Assign User to Projects
- ✓ Monitor Connections & Licenses  
Sitescope
- ✓ Backup, Restore Projects
- ✓ Version Control

## Quality Center

- ✓ Managing Requirements
- ✓ Working with test Plan
- ✓ Developing Manual & Automation Tests
- ✓ Coverage Analysis/Traceability
- ✓ Create Test Cases
- ✓ Running Tests
- ✓ Record Results
- ✓ Defect Reporting & Tracking
- ✓ Integration with QTP
- ✓ Test Resources
- ✓ Test Linkage

- ✓ Defect Linkage

## Test Management

- ✓ Developing Reports
- ✓ Developing Graphs
- ✓ Dash Board

## Customization

- ✓ Creating Groups
- ✓ Module Access