

# TOSCA WITH SAP



## TOSCA (Zero Coding Testing Tool) Content

- Module 1 :** Introduction to Tosca Test Suite
- Module 2 :** Tosca Basics to Advanced Techniques
- Module 3 :** Tosca Automation for API Testing
- Module 4 :** Tosca Automation for SAP Testing
- Module 5 :** Tosca Automation for Salesforce Testing

## Tosca

### Module 1:

#### Introduction:

#### Introduction to Testing :

- Manual and Automation Testing.
- Drawbacks of manual testing.
- Advantages of Automation testing

#### Module -1

- TOSCA Sections:
- TestCases
- Modules
- TestCaseDesign
- Requirements

-Execution

-Issues

#### Module -2

-ActionModes:

-Input

-Select

-WaitOn

-Buffer

-Verify

-Constraint

## Module -3

### Cardinality :

- Objective of cardinality
- How to use

## Module -4

### Test Configuration Parameter :

- How to declare TCP
- How to call TCP
- TCP at root level, folder level,
- testcase/execution list level

## Module -5

### Object / Control identification :

- Identify by Properties
- Identify by Index
- Identify by Anchor
- Identify by image

## Module -6

### ReScan :

- Purpose of ReScan
- How to update existing attributes
- How to add new attributes

## Module -7

### Synchronization TimeOut :

- What is synchronization &
- Objective of synchronization
- Types of synchronization
- How to use synchronization
- timeout during WaitOn
- When to use Tbox wait and
- when-to use synchronization

## Module -8

### Cross Browser Testing:

- Chrome
- Firefox
- Edge / InternetExplorer

## Module -9

### WebTables:

- Significance of #, \$
- RowCount
- ColumnCount
- ResultCount

## Module -10

### Error Handling:

- User Abort
- On Dialog Failure
- On Verification Failure

## Module -11

### IF ELSE Condition:

- How to use If statement
- How to add Else statement

## Module -12

### While and DoWhile Loops:

- Difference between while and dowhile loops
- When and how to use them

## Module -13

### Repetitions:

- Objective of repetitions
- How to use repetitions property

## **Module -14**

### **Tbox Window Operation:**

- Minimize the browser
- Maximize the browser
- Close the browser

## **Module -15**

### **Timers:**

- Tbox start timer
- Tbox stop timer
- Tbox wait

## **Module -16**

### **Recovery Scenarios:**

- Objective of recovery scenarios
- How to create recovery scenarios
- How to create cleanup scenarios

## **Module -17**

### **TOSCA Reports Validation:**

- How to generate reports in Tosca
- How to download/save them

## **Module -18**

### **Browser Operations:**

- How to handle multiple browser tabs with same title

## **Module -19**

### **Modular Framework:**

- Purpose of Libraries
- How to create Libraries
- How to create Reusable Test Step
- Blocks - (-RTB's)
- How to call RTB's
- How to resolve references
- What is a Business Parameter

- How and when to use a Business-Parameter

## **Module -20**

### **Data Driven Framework:**

- Objective of Data Driven Framework /-
- Data Driven Testing
- How to create Test Sheet
- How to call the Test Sheet in Testcases
- How to create Template Instance
- What is Instantiation, ReInstantiation
- How to get data from spreadsheet

## **Module -21**

### **Hybrid Framework:**

- The combination of Modular and-Data Driven Frameworks

## **Module -22**

### **Duplicate Modules:**

- What are duplicate modules
- How to and duplicate modules
- How to merge duplicate modules
- Why do we have to merge duplicate modules

## **Module -23**

### **Expressions:**

- Date and Time Expression
- Day, month, year, Aday, Amonth, Lday, Lmonth, MonthFirst, MonthLast,
- Jumpto, X, Calc, Math, Random expressions like RND, RNDDecimal, Randomtext

## **Module -24**

### **Length of the String:**

- How to get the length of the -string Buffer length
- What is the maximum length of the-string Tosca supports

## **Module -25**

### **Explicit Name:**

- Purpose of Explicit name
- How to create

## **Module -26**

### **Desktop Applications:**

- What is Tbox Start Program
- How to automate desktop applications

## **Module -27**

### **Record / Playback:**

- Objective
- How to use

## **Module -28**

### **Manual TestCases in Tosca:**

- Can we perform manual testing in
- Tosca How to create manual testcases in Tosca How to execute manual testcases in
- Tosca How to convert a manual testcase into - an automation testcase

## **Module -29**

### **Exploratory Scenario:**

- What is an exploratory scenario,
- can we perform exploratory testing in tosca, how to create and execute

## **Module -30**

### **Test Mandates:**

- Purpose of Test Mandates
- How to create Test Mandates
- How to execute Test Mandates
- How to generate reports through Test Mandates

## **Module -31**

### **Multi User Environment:**

- What is CheckInAll
- What is CheckOut
- What is CheckOut Tree
- What is Update All

## **Module -32**

### **Miscellaneous:**

- How to Download and Install Tosca
- How to create Workspace
- How to do Mouseover
- How to take screenshot
- How to create defect in Tosca
- How to scroll down the browser page
- 1:1 PDF compare
- Tbox SendKeys
- Difference between X, Click and Jumpto

## **Module -33**

### **API Testing with Tosca :**

- Introduction to API Testing
- Designing API Test Cases
- Verifying API Responses
- Parameterization and Data-Driven API Testing

## **Module -34**

### **Tosca Automation for SAP**

#### **Applications :**

- SAP Testing Overview
- SAP Module Scanning and Automation
- Creating and Managing SAP Test Cases
- Handling SAP Dynamic Elements
- SAP Table Verification and Data Validation
- SAP SD End-To-End Test Case Automation (Order Creation to Display Billing Document)

## **Module -35**

### **Tosca Automation for Salesforce**

#### **Applications :**

- Salesforce Testing Overview
- Salesforce Module Scanning and Automation

- Creating and Managing Salesforce Test Cases
- Handling Salesforce Dynamic Elements
- Verification of Salesforce UI Components and Data

## **Module -36**

### **Tosca Automation for Desktop**

#### **Applications :**

- Desktop Application Testing Overview
- Scanning Desktop Applications
- Creating and Managing Desktop Test Cases
- Handling Dynamic Desktop Elements
- Verifying Desktop UI Components and Data