



Advance QTP (QUICK TEST PROFESSIONAL)



DURATION: 48 Hours

Contents:

Define Automation and Automation Concepts

- Introduction to Test Automation
- Test Automation Truths or Myths
- Seven Steps to Test Automation Success

Test Automation Planning

- Extract information that will be used to create a basic test script
- Distinguish the types of data to use as sample test data
- Identify two strategies for creating test data

Basics of QTP

- Recording Modes
- Standard
- Analog
- Low level
- Run Modes
- Normal
- Fast
- Update
- Analyze Test Result
- Record & Run Settings
- Global Test Settings

Create a Test

- Create and Execute Basic Tests
- Understand Quick Test Results

Working with Objects

- Identify Objects and their Properties
- Discuss basics of the Object Repository

Maintain Object Repositories

- Describe Per-Action vs. Shared Object Repositories
- Create Custom Objects using Object Identification
- Generate a Script to Reset QTP Configurations
- Describe how and When Smart Identification is used

Enhance the basic test

- Reusable and Multiple Actions
- Create a Single Reusable Action
- Create Multiple Actions
- Use Global and Local Data Sheets

Parameters and Data Driving

- Create Input Parameters



- Create Output Parameters
- Create Data-Driven tests
- Enhance Checkpoints with Parameters

Using Standard Checkpoints

- Enhance Tests with Checkpoints
- Use Regular Expressions

Custom Checkpoints

- Create a Parameterized Checkpoint
- Compare Captured with Expected Values
- Use Debug Tools
- Report Step Outcome with an Error Message

Database Checkpoints

- Describe the purpose of a Database Checkpoint
- Create an SQL Query
- Create a Database Checkpoint
- Use a Database Checkpoint to Verify Database Entries
- Parameterize a Database Query

Synchronization

- Add Synchronization Steps
- Set Global Sync Timeouts

Recovery Scenario

- Recovery Scenario Wizard
- Optional Steps

Descriptive Programming

- What is descriptive programming?
- Benefits of descriptive programming

Create Virtual Objects

Using Data Table Object

- Using External datasheets
- Data table object Methods
- Import Sheet
- Export Sheet
- Add Sheet
- Delete Sheet

VB Scripting

- Loop Constructs
- Conditional Statement
- Variable Declaration
- Functions, Subroutines
- External VB Script File.

Automation Frameworks

- Data Driven
- Hybrid
- Script Modularity
- Keyword Driven