



## 9. Software Testing

### 9.2 QTP

**Duration:** 30 Lectures

#### **Course Content:**

##### **1. Introduction**

- 1.1. Test Automation
- 1.2. Environment Setup
- 1.3. Record and Play Back

##### **2. Repository and Tables**

- 2.1. Object Repository
- 2.2. Actions
- 2.3. Data Tables

##### **3. Synch**

- 3.1. Checkpoints
- 3.2. Synchronization
- 3.3. Smart Identification

##### **4. Debug and Recover**

- 4.1. Debugging
- 4.2. Error Handling
- 4.3. Recovery Scenarios

##### **5. Test Environment**

- 5.1. Environment Variables
- 5.2. Library Files
- 5.3. Test Results



## 6. Objects and Data

- 6.1. GUI Objects
- 6.2. Virtual Objects
- 6.3. Accessing Databases

## 7. XML

- 7.1. Working with XML
- 7.2. Tags
- 7.3. Constraints

## 8. Programming Model

- 8.1. Descriptive Programming
- 8.2. Automation Object Model

## 9. Frameworks

- 9.1. Frameworks Overview
- 9.2. Advantages
- 9.3. Designing a Framework

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