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Quality Software Technologies

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Placement & Course Content

100% Placement Support	Oracle-Sql & Java
Unlimited Interview Calls	Manual Testing
Complete Interview Preparation	Project
100% Practical Training	Automation Testing
Free Notes & Course Content	Selenium
Get ISO Recognized Course Certificate	JMeter
Fees Installment Facility	Bugzilla & Testlink
FREE Revision Session	ISTQB Foundation Exam Training

Oracle-Sql

Introduction of Sql
Writing Basic SQL Select Statements
Sorting Data & Retrieving Data
Sql Functions and Expressions
Subquery and Unions
Creating and Manipulating Tables
Including Constraints
Joins
Group Functions & Clauses

Manual Testing

Introduction to Testing
Development Models
Verification and Validation
Test Methods and Test Types
Requirement Analysis & Use Cases
Test Design Techniques
Defect Management
Configuration Management
API & Cloud Testing
ETL Testing
UI Path & RPA
Manual and Automation testing
Testing Domains

Selenium (Functional Testing Tool)

Module 1: Java in Selenium

Languages that Support Automation Selenium

Languages that Support Selenium

Benefit of Java in Selenium:

Core Java Core Java Introductions

Setup Java Environment - JDK Installation & Eclipse Installation

Variables, Methods, Packages

Conditions & Loops (for, while, do while)

Data Types, Conditional Statements (if, if...Else & switch)

Single Dimension Array

Oops Concepts (Introduction and Importance)

Polymorphism Exceptions, Classes and Object

Op Concept (Inheritance, Encapsulation and abstraction)

Arrays, Interface, Inheritance

Module 2: Introduction of Automation & Selenium

Types of Testing Tools:

Functional / Performance / Defect Reporting / Test Management

Category of Automation Tool:

Open Source vs Paid

Benefits of Automation:

Manual vs Automation

Why Automation

Selenium in Automation and Its Advantages

Selenium Introduction

What is Selenium & Why Selenium

Firebug / Fire Path download

Components of Selenium:

Core Rc /Webdriver/IDE/ Grid

Module 3: Selenium Web driver

Introduction of Selenium Webdriver.

Webdriver vs RC

Setting up Eclipse.

Downloading and configuring Webdriver in Eclipse.

Manual Test Case (script) conversion in to automation script

Creating Test Script in Selenium WebDriver.

Executing Script on Multiple Browse

* Open and Close Browser

* Cross Browser Testing - Firefox, IE, Chrome

UI elements, Locators

Module 3: Selenium Web driver

Identifying Web elements using id, name, link text, class, Xpath, CSS
Handling different Web Elements like text fields, buttons, links, check box, drop-down
Parametrization
Parametrization using Excel Application (using POI).
Data Driven Testing using Database
Handling Drop Down elements.
SwitchTo Command -Handling Frames, Popup Windows, Alerts.
Read Operation / Write Operation (Reading and writing data from Excel Application)
Data Driving using Excel
Future update / up Gradations required

Module 4: TestNG

TestNG Introduction and Creating Test using TestNG.
TestNG Annotations.
Creating Test Suit with TestNG and Execution of TestNg Tests.
Parameterize TestNg Test - Data Provider.

Jmeter (Performance Testing Tool)

Module-1 (Introduction)

Overview of Performance Testing
Java Installation & Configuration
Performance Testing Concepts
Performance Testing Types
Why to use performance Testing tool?
What is Jmeter?

Module 2 (Introduction to Elements of JMeter Test Plan)

Thread Group
Controllers
Samplers
Logic Controllers
Listeners
Timers
Assertions

Module-3 (Adding Users)

Adding Default HTTP Request Properties
Adding HTTP Requests
Adding a Listener to View/Store the Test Results
Saving the Test Plan
Running the Test Plan

Module-4 (Recording Tests Using Jmeter)

Creation of Thread Group (Different types of Thread Group)
Configuring the browser for recording the test script

Module-5 (Adding Assertions to the test script)

Validating the response data related issues
Validating the response size related issues
Validating the threshold for the server response times
Running the tests and analyzing the Assertion results

Module 6 (Reporting and Analyzing the Results)

Adding the Assertion Results and monitoring
Configuring and Generating the Distribution Graph
Configuring and Generating the Graph Full Results

Module-7 (Scheduling & Sequencing Test Plan)

Performance Monitoring Using Perfmon, Jconsole and visualJM
Jmeter Report Generation.
Introduction to web socket.
Jmeter Plugins.
Tips & Tricks in Jmeter

Bugzilla (Defect Reporting Tool) & Testlink (Test Management Tool)

ISTQB Modules

Fundamentals of Testing
Testing Throughout the Software
Static Techniques
Testing Design Techniques
Test Management
Tool Support For Testing Types of Test Tools Effe

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