Load runner, Jasmine and Cucumber

Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With the amazing courses and programs by Techeduxon, you will experience a whole new horizon of tech knowledge and put it to the best use.

Course overview

Load Runner

- Introduction to Load runner
- Installation
- Introduction to scenarios & Scenario Execution
- Using Run time settings
- Scheduling Scenarios
- Analysis
- Performance Monitors
- Defining service level Agreements

Jasmine

- Test goals
- Jasmine.Js
- Advanced
- Continuous Integration
- Other

Cucumber

- Introduction to cucumber
- Setup cucumber with selenium in eclipse
- Basics of Cucumber
- Data driven testing

Pre requisites

Basic knowledge of concepts & techniques used in Software testing. It is better to have basic knowledge of Automation Testing. Working knowledge of Windows, Web sites and browsers & Client/server environment.

Target audience

Anyone who wants to add these skills to their profile, Teams getting started on Load Runner, Jasmine &Cucumber projects.

Course Content

Load runner

Introduction to Load runner

- Explain the need for load testing
- Describe various types of performance test objectives
- Identify the steps of the Load Runner methodology
- Define the term *scenario* in the context of Load Runner
- Identify strategies for creating effective scenarios

Installation

- Describe the Load Runner architecture
- Determine where to install Load Runner components
- Identify hardware and software needed for installation

Introduction to scenarios & Scenario Execution

- Explain the elements of a Load Runner scenario
- Present the basic steps for creating a scenario
- Prepare for a scenario run
- Identify techniques for running a scenario efficiently

Using Run time settings

- Explain the difference between Script and Scenario Run-time settings
- Configure Run-time settings based on load testing goals

Scheduling Scenarios

- Explain Scheduling by Scenario and by Group
- Configure Scenario Start Time
- Explain a Real-life Schedule and a Run until Complete Schedule
- Manage Schedules through the Actions grid
- Manage Schedules through the Scenario Interactive Graph

Analysis

- Explain the value of analyzing results
- Work with the graphs to display data

Performance Monitor

- Explain the value of performance monitors
- Select performance monitors to achieve load test goals
- Add measurements for performance based goals

Defining service level Agreements

- Define a Service Level Agreement
- Create a Service Level Agreement Goal Measured Per Time Interval
- Create a Service Level Agreement Goal Measured Over the Whole Run

Jasmine

Test goals

- Boundary conditions
- Check Inverse Relationships
- Cross Checking Results
- Force Error Conditions
- Performance Characteristics

Jasmine.Js

- Understanding Jasmine.js
- Writing specifications in Jasmine.js
- Learning built-in matchers
- Covering before and after

Advanced

- Using Spy for Mocking

- Nesting describe blocks
- Writing Custom Matchers
- Asynchronous support using runs
- Testing UI using Jasmine.js
- Jasmine jQuery Helpers

Continuous Integration

- Introduction to Grunt.js
- Overview of Grunt tasks
- Creating and configuring a CI workflow using Grunt.js

Other

- Use Karma for browser testing
- Client-side dependency management using Bower.js

Cucumber

Introduction to cucumber

- Test Driven Development (TDD)
- Cucumber & Behaviour Driven Development
- Gherkin Business Driven Development

Setup cucumber with selenium in eclipse

- Download and Install Java
- Download and Start Eclipse
- Install Cucumber Eclipse Plugin
- Download Cucumber for Eclipse
- Download Webdriver Java client
- Configure Eclipse with Cucumber

Basics of Cucumber

- Cucumber Selenium Java Test
- Feature File
- JUnit Test Runner Class
- Gherkin Keywords
- Step Definition
- Cucumber Options

Data driven testing

- Parameterization in Cucumber
- Data Driven Testing Using Examples Keyword
- Data Tables in Cucumber
- Maps in Data Tables

Projects & Assignments

Our Expert trainers will provide the real time Projects &Assignments.