Hachion

QA Automation Testing Course Content

Course Content:

COURSE HIGHLIGHTS

- Complete core java concepts with selenium tool
- Framework Designing
- Assignments and Practice Sessions
- Demo Project
- Interview Tips and guidance to perform interview
- Mock Interview
- Duration:40-45 hours

COURSE SYLLABUS

- What is Software testing?
- Difference between Manual and Software testing?
- When to start Automation?
- Importance of Automation?

Complete core Jave Conceps

Selenium Introduction

- Selenium History, features and advantage
- Selenium Architecture

Installation of Java, Eclipse and Selenium Jars download.

- Configuration of Selenium Jars into Eclipse.
- Brush up of Basic Java Concepts
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First WebDriver Program

- Different WebDriver methods
- How to invoke different browsers using WebDriver.

Different Locators Techniques and tools used

- Firebug and Fire Path Add-ons
- Element identification by different locating mechanism

Advance ways of locating web elements\objects

- Writing customized x path and CSS Selector
- Tips and Tricks for interview

Techniques to automate web UI

- Handling Dropdown/Select element
- Handling Checkboxes, radio buttons
- Handling JavaScript Alert
- Web Element validation techniques

Techniques to automate Advanced web UI

- Handling Ajax/Mouse interaction
- Handling window, multiple windows
- Handling Frames

- TestNG

- Data Driven Framework using properties file

- ANT build management tool

- Generate extent report

- Jenkins Continuous Integration tool

- Maven Build Management tool

- Logging Framework- log4j

- Page Object Pattern and Page Factory

- Java OOPS Basics for Selenium

- Cucumber Behavior Driven Date-Framework

- Interview Questions