



## Selenium Testing

### Introduction

- WHAT IS SELENIUM TESTING?
- ABOUT VERSION OF SELENIUM
- SELENIUM SUITE
- Eclipse Installation

### Selenium WebDriver

- SELENIUM WEBDRIVER ARCHITECTURE
- WHAT IS WEBDRIVER?
- WEBDRIVER ENVIRONMENT SETUP
- ABOUT BROWSER DRIVER
- WHAT IS GECKO?
- WebDriver Object Instantiation
- HOW TO SET SYSTEM PROPERTIES?
- First Program

➤ WebDriver Methods

- get(appUrl);
- getTitle();
- getCurrentUrl();
- getPageSource();

➤ Browser Navigation Commands

- To:
- back() :
- forward():
- refresh() :

➤ Locators

- ID
- Name
- Class Name
- Xpath
- Linktext
- Partial Linktext
- Tag Name
- CSS Selector

➤ WEBELEMENT COMMANDS

- findElement()
- findElements()
- SendKeys
- click( )

➤ How to Handle Checkbox and Radio Button

- `getAttribute()`

➤ How to Handle Dropdown ?

- Select Class
- Dropdown method
  - `selectByIndex`
  - `selectByValue`
  - `selectByVisibleText`
  - `isMultiple()`

- How to get options from a dropdown?

- How to deselect a value from a dropdown?

➤ Bootstrap Dropdown

➤ How to Handle Tabs?

➤ How to Handle File?

➤ Clear Method

➤ Table

➤ Iframe

➤ How to Handle Dialog Box

- Alert
- Prompt
- Confirm

➤ WebDriver With Class and Object

➤ POI

## **TestNG**

- What Is TestNG ?
- Features of TestNG
- TestNG Installation
- TestNG Annotations
- What is testngxml?
- TestNG Include and Exclude methods
- TestNG Groups
- TestNG Dependency
- TestNG Priorities
- parameterization using xml config file
- @Dataprovider in TestNG
- Cross Browser Testing

## **POM**

- What Is POM?
- Advantages of using Page Object Model?
- POM design Pattern

## **Cucumber**

- What Is Cucumber?
- Why Cucumber?
- Gherkin Keyword

## Hybrid Framework