Website Testing Automation

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# Introduction

The application is a Maven project that uses Selenium and TestNG to automate registration, login, search bar and add to cart elements of the website: <http://automationpractice.com/>.

# Method Description

## setUp()

* + 1. This method runs before the test suite because of the annotation @BeforeSuite
    2. It sets up the chrome driver and opens the chrome browser to the url set in the driver.get(url)

## tearDown()

* + 1. This method runs after the test suite because of the annotation @AfterSuite
    2. It closes the browser using driver.quit()

## websiteRegisterTest()

* + 1. This method has priority 1
    2. This method enters email-id in the registration input area and checks whether it is valid
    3. If valid it goes to the registration page else it gives appropriate response

## createAccount()

* + 1. This method has priority 2
    2. This method fills the information using driver in the form on registration page.

## websiteLogin()

* + 1. This method has priority 3
    2. This method fills username and password in the login fields on the Login Page using driver.findElements().sendKeys()
    3. Then depending on the validity either logs into the site or shows appropriate error.

## logout()

* + 1. This method has priority 6
    2. This method logs out of the account currently in.

## addToCart()

* + 1. This method has priority 4
    2. This method adds items to cart from main page
    3. This method uses the search-bar to search for an item and then adds it to the cart
    4. Then the method navigates to the cart for checkout

## deleteFromCart()

* + 1. This method has priority 5
    2. This method deletes item from cart.

# GitHub Repository

The Application folder has been uploaded to GitHub to the following repository link:

<https://github.com/daylinda/BNP_training_project4>

# How to execute application

* 1. Install Eclipse IDE
  2. Import maven project into workspace
  3. Download chrome driver
  4. Change the location of chrome driver in setUp() method.
  5. Change the username and password in the testng.xml
  6. Right Click on testng.xml and click on run as TestNG suite.
  7. If you only want to run login exclude websiteResgisterTest() and createAccountTest() in testing.xml

# Pre-requisites to run the application

* 1. Java JDK 1.8
  2. Eclipse IDE
  3. Chrome driver installed