**Automate Web Application Using TestNG Output**

**CombinedTests.java**

package Testng.Testng;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Test;

import java.util.concurrent.TimeUnit;

import java.time.Duration;

public class CombinedTests {

private WebDriver wd;

*@BeforeMethod*

public void beforeMethod() {

System.*setProperty*("webdriver.chrome.driver", "D:\\Working Software\\Salenium\\seleniumjars\\chromedriver.exe");

wd = new ChromeDriver();

}

*@Test*(priority = 1)

public void addToCartTest() {

wd.get("https://cupsofmagik.com/");

wd.manage().window().maximize();

WebElement AddCartBut = wd.findElement(By.*id*("AddToCart-1608048234b059c376"));

AddCartBut.click();

}

*@Test*(priority = 2)

public void googleSearchTest() {

wd.get("https://google.com");

wd.manage().window().maximize();

wd.manage().timeouts().implicitlyWait(Duration.*ofMinutes*(2).getSeconds(), *TimeUnit*.***SECONDS***);

WebElement textField = wd.findElement(By.*name*("q"));

textField.sendKeys("What is Testing?");

WebElement btnRef = wd.findElement(By.*name*("btnK"));

btnRef.sendKeys(*Keys*.***ENTER***);

try {

Thread.*sleep*(3000);

} catch (Exception e) {

// **TODO**: handle exception

}

}

*@Test*(priority = 3)

public void loginTest() {

// Open the website

wd.get("https://www.saucedemo.com/");

// Perform login

wd.findElement(By.*name*("user-name")).sendKeys("standard\_user");

wd.findElement(By.*id*("password")).sendKeys("secret\_sauce");

wd.findElement(By.*xpath*("/html/body/div/div/div[2]/div[1]/div/div/form/input")).click();

}

*@Test*(priority = 4)

public void registrationTest() {

wd.get("https://nxtgenaiacademy.com/demo-site/");

// Registration form

wd.findElement(By.*id*("vfb-5")).sendKeys("Dinesh");

wd.findElement(By.*id*("vfb-7")).sendKeys("Kumar");

wd.findElement(By.*name*("vfb-31")).click();

// Address

wd.findElement(By.*cssSelector*("input#vfb-13-address")).sendKeys("Dubai MainRoad");

wd.findElement(By.*cssSelector*("input#vfb-13-address-2")).sendKeys("No 6 Vevekanantha Street ");

wd.findElement(By.*cssSelector*("input#vfb-13-state")).sendKeys("Dubai kurukusanthu");

wd.findElement(By.*cssSelector*("input#vfb-13-zip")).sendKeys("Dubai ");

// Country

WebElement dropdownElement = wd.findElement(By.*className*("select2-selection\_\_arrow"));

dropdownElement.click();

WebElement option = wd.findElement(By.*xpath*("//li[contains(text(),'Saudi Arabia')]"));

option.click();

// Email

wd.findElement(By.*xpath*("/html/body/div[2]/div[2]/div[2]/div[1]/div/section/div/div[1]/div/div/div/div/div/form/fieldset[1]/ul/li[5]/input")).sendKeys("vadivel@gmail.com");

// Date

WebElement dateInput = wd.findElement(By.*id*("vfb-18"));

dateInput.clear();

String desiredDate = "07/19/23";

dateInput.sendKeys(desiredDate);

// Phone

wd.findElement(By.*xpath*("//\*[@id=\"vfb-19\"]")).sendKeys("956749789");

// Checkboxes

WebElement checkbox1 = wd.findElement(By.*id*("vfb-20-0"));

if (!checkbox1.isSelected()) {

checkbox1.click();

}

WebElement checkbox2 = wd.findElement(By.*id*("vfb-20-3"));

if (!checkbox2.isSelected()) {

checkbox2.click();

}

// Additional Info

wd.findElement(By.*xpath*("/html/body/div[2]/div[2]/div[2]/div[1]/div/section/div/div[1]/div/div/div/div/div/form/fieldset[1]/ul/li[10]/div/textarea")).sendKeys("I am your Best Friend okey!");

// Age

wd.findElement(By.*id*("vfb-3")).sendKeys("99");

wd.findElement(By.*xpath*("//\*[@id=\"vfb-4\"]")).click();

}

*@AfterMethod*

public void afterMethod() throws InterruptedException {

wd.close();

}

}