Automate Web Application Using TestNG Source code

**CombinedTests.java**

packageTestng.Testng;

importorg.openqa.selenium.By; importorg.openqa.selenium.Keys; importorg.openqa.selenium.WebDriver; importorg.openqa.selenium.WebElement; importorg.openqa.selenium.chrome.ChromeDriver; importorg.testng.annotations.AfterMethod; importorg.testng.annotations.BeforeMethod; importorg.testng.annotations.Test;

importjava.util.concurrent.TimeUnit; importjava.time.Duration;

publicclassCombinedTests{ privateWebDriverwd;

*@BeforeMethod*

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

}

*@Test*(priority=1)

publicvoidaddToCartTest(){ wd.get("https://cupsofmagik.com/"); wd.manage().window().maximize();

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

}

*@Test*(priority=2)

publicvoidgoogleSearchTest(){ wd.get("https://google.com"); wd.manage().window().maximize();

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

WebElementtextField=wd.findElement(By.*name*("q")); textField.sendKeys("What is Testing?"); WebElementbtnRef=wd.findElement(By.*name*("btnK")); btnRef.sendKeys(*Keys*.***ENTER***);

try{ Thread.*sleep*(3000);

}catch(Exceptione){

// **TODO**: handle exception

}

}

*@Test*(priority=3)

publicvoidloginTest(){

// Open the website wd.get(["https://www.saucedemo.com/"](http://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/inpu t")).click();

}

*@Test*(priority=4)

publicvoidregistrationTest(){ 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 WebElementdropdownElement=wd.findElement(By.*className*("select2- selection arrow"));

dropdownElement.click(); WebElementoption=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"](mailto:vadivel@gmail.com));

// Date WebElementdateInput=wd.findElement(By.*id*("vfb-18")); dateInput.clear();

StringdesiredDate="07/19/23"; dateInput.sendKeys(desiredDate);

// Phone

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

// Checkboxes WebElementcheckbox1=wd.findElement(By.*id*("vfb-20-0")); if(!checkbox1.isSelected()){

checkbox1.click();

}

WebElementcheckbox2=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* publicvoidafterMethod()throwsInterruptedException{ wd.close();

}

}