Luma website by using data driven testing

**package** datadriven;

**import** java.time.Duration;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**import** org.testng.annotations.BeforeMethod;

**import** org.testng.annotations.DataProvider;

**import** org.testng.annotations.Test;

**public** **class** DataDrivenTest {

WebDriver driver;

WebDriverWait wait;

@BeforeMethod

**public** **void** setup() {

//setup webDriver

WebDriver.ChromeDriver().setup();

driver = **new** ChromeDriver();

driver.manage().window().maximize();

wait = **new**

WebDriverwait(driver,Duration.*ofSeconds*(10));

@DataProvider(name = "filterdata")

**public** object[][] getdata() {

{"Bag"},

@Test(dataprovider = "filterdata")

**public** **void** testfilterbags string bag,stringExpected description) {

//Navigate to the luma website

driver.get("https://magento.softwaretestingboard.com/");

//navigate to the Gear section

WebElement gearmenu = driver.findElement(By.*linkText*("Gear"));

wait.until(ExpectedConditions.*elementToBeClickable*(gearmenu)).click();

//navigate to bag category

WebElement bagcategory = driver.findElement(By.*linkText*("bag"));

wait.until(ExpectedConditions.*elementToBeClickable*(bagcategory)).click();

//close the browser

driver.quit();

}

}

}