

## Day1 Test Case:

Test Cases	Process	Steps To Execute	Expected Results
TC01	Product list page validation	1. Login to admin portal 2 Show 50 entries per page	Check 50 products details displayed on the page and page number, next, previous link are working or not.

### Output:

Step by step execution (Screenshot) document with the actual result in pdf format.

```
package com.ibm.test;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.HashMap;
import java.util.List;
import java.util.Properties;
import java.util.concurrent.TimeUnit;

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.Select;
import org.openqa.selenium.By;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.DataProvider;
import org.testng.annotations.Test;

import com.ibm.utilities.ExcelUtil;
import com.ibm.utilities.PropertiesFileHandler;

import junit.framework.Assert;

public class BaseTest {

    //Use properties to solve the simple test cases.
    @Test

    public void login() throws FileNotFoundException, IOException, InterruptedException
    {
        System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");

        WebDriver driver= new ChromeDriver();
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);

        //data taken from properties
```

```

Properties p = new Properties();
p.load(new FileInputStream("TestData/data.properties"));

//Login in the URL with valid credentials

driver.get(p.getProperty("url"));
driver.findElement(By.name("email")).sendKeys(p.getProperty("user"));
driver.findElement(By.name("pword")).sendKeys(p.getProperty("password"));
driver.findElement(By.xpath("/html/body/div/div/div/div[2]/form/button")).click();

Thread.sleep(5000);
driver.findElement(By.xpath("//*[ @id=\"side-menu\"]/li[2]/a/span")).click();

Thread.sleep(5000);
driver.findElement(By.partialLinkText("Products")).click();

Select select=new Select(driver.findElement(By.name("dataTableExample2_length")));
select.selectByValue("50");

//Reading all the 50 rows
List<WebElement>rows= driver.findElements(By.xpath("//*[ @id='dataTableExample2']/tbody/tr"));
int noOfRows=rows.size();
System.out.println(noOfRows);

for (int i=1; i<=noOfRows; i++)
{
//Reading all the columns of the each row

List<WebElement>cols= driver.findElements(By.xpath("//*[ @id='dataTableExample2']/tbody/tr["+i+"]/td"));
int noOfcols=cols.size();
System.out.println(noOfcols);
{
for (int j=1; j<=noOfcols; j++)
{
//printing all the details of each entry column wise

WebElement productlink
=driver.findElement(By.xpath("//*[ @id='dataTableExample2']/tbody/tr["+i+"]/td["+j+"]"));

System.out.println(productlink.getText());
}
}
}
//verifying the the next link on the page
Assert.assertTrue(driver.findElement(By.xpath("//*[ @id=\"dataTableExample2_next\"]/a")).isDisplayed());
//When click on next link then only previous is getting enabled

driver.findElement(By.xpath("//*[ @id=\"dataTableExample2_next\"]/a")).click();
//verifying the previous link on the page
Assert.assertTrue(driver.findElement(By.xpath("//*[ @id=\"dataTableExample2_previous\"]/a")).isDisplayed());
;
driver.findElement(By.xpath("//*[ @id=\"dataTableExample2_previous\"]/a")).click();

driver.findElement(By.partialLinkText("Logout")).click();
driver.quit();

}

```

Screenshot of the result

Workspace - SeleniumFramework/src/com/ibm/test/BaseTest.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

> Automation\_Maven

> DataDrivenFramework

> DataDrivenFramework\_PF

FindCMR Test Automation

FindCMR Test Automation\_Maven

> HybridFramework

> NewAutomation

RemoteSystemsTempFiles

> SeleniumConcepts

> src

> com.ibm.seleniumconcepts

> SeleniumBrowser.java

> JRE System Library [JavaSE-1.8]

> Referenced Libraries

> Drivers

> SeleniumFramework

> JRE System Library [jdk1.8.0\_151]

> src

> com.ibm.pages

> AdminPage.java

> UserPage.java

> com.ibm.test

> BaseTest.java

> Login.java

> com.ibm.utilities

> ExcelUtil.java

> JDBC\_Connection.java

> PropertiesFileHandler.java

> Referenced Libraries

AdminPage.java Login.java data.properties BaseTest.java SeleniumBrowser.java

1 package com.ibm.test;

2

3import java.io.FileInputStream;

4import java.io.FileNotFoundException;

5import java.io.IOException;

6import java.util.HashMap;

7import java.util.List;

8import java.util.Properties;

Problems Javadoc Declaration Console Results of running class BaseTest

<terminated> BaseTest [TestNG] C:\Program Files (x86)\Java\jdk1.8.0\_151\bin\javaw.exe (12-Dec-2018, 11:57:46 PM)

Action

9

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good quality

160.00

160

10

1

Enabled

Action

PASSED: login

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Default test

Tests run: 1, Failures: 0, Skips: 0

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Default suite

Total tests run: 1, Failures: 0, Skips: 0

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