

Cucumber -3

Assignment

In this challenge, we validate the error message for 'Forgot Your Password'?

Task:

- Use the frame to launch the <https://magento.com>
- Navigate to the login page
- Click on forgot password and then click on submit button to validate the error
- And also provide mail id as " bala#\$\$" and click on submit to check for below validation as well:

Program Code from main method:

```
package com.ibm.Learning;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import java.util.HashMap;
import java.util.Properties;
import java.util.Set;
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.WebDriverWait;
import org.testng.Assert;
import org.testng.annotations.Test;

import com.ibm.magentopages.HomePage;
import com.ibm.magentopages.LoginPage;
import com.ibm.magentopages.MyAccountPage;
```

```
import com.ibm.utilities.PropertiesFileHandler;

import jdk.nashorn.internal.runtime.PrototypeObject;

public class DataDriven_PageFactory_Test {
    @Test(priority=3,invocationCount=1)
    public void PositiveCredentiials() throws IOException {

        String file="./TestData/magentodata.properties";

        //Location //Properties handler
        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
        HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

        String url = data.get("url");
        String userName=data.get("username");
        String password=data.get("password");
        String expectedTitle=data.get("expectedtitle");

        System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
        driver.get(url);

        HomePage home=new HomePage(driver);
        home.clickOnMyAccountIcon();
    }
}
```

```

LoginPage login=new LoginPage(driver,wait);

login.enterEmailAddress(userName);

login.enterPassword(password);

login.clickOnLogin();


MyAccountPage myAccount=new MyAccountPage(driver, wait);

String actualTitle= myAccount.getCurrentTitle();


Assert.assertEquals(actualTitle,expectedTitle);


myAccount.clickOnLogOut();


}

@Test(priority=2,invocationCount=1)
public void NegativeCredentiials() throws IOException {

    String file="./TestData/magentodata.properties";


    //Location //Properties handler
    PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
    HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);


    String url = data.get("url");

    String userName=data.get("invalidusername");

    String password=data.get("password");

    String expectedTitle=data.get("expectedtitle");

```

```
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");  
WebDriver driver = new ChromeDriver();  
WebDriverWait wait=new WebDriverWait(driver, 60);  
driver.manage().window().maximize();  
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);  
driver.get(url);
```

```
HomePage home=new HomePage(driver);  
home.clickOnMyAccountIcon();
```

```
LoginPage login=new LoginPage(driver,wait);  
login.enterEmailAddress(userName);  
login.enterPassword(password);  
login.clickOnLogin();
```

```
String pageSource = login.getPageSourceForInvalidErrorMessage();
```

```
Assert.assertTrue(pageSource.contains("Invalid login or password."), "Assertion on  
Invalid login error message");
```

```
}
```

```
@Test(priority=1,invocationCount=1)
```

```
public void ForgotPassword() throws IOException {
```

```
String file="./TestData/magentodata.properties";
```

```

//Location //Properties handler
PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

String url = data.get("url");
String email=data.get("email");

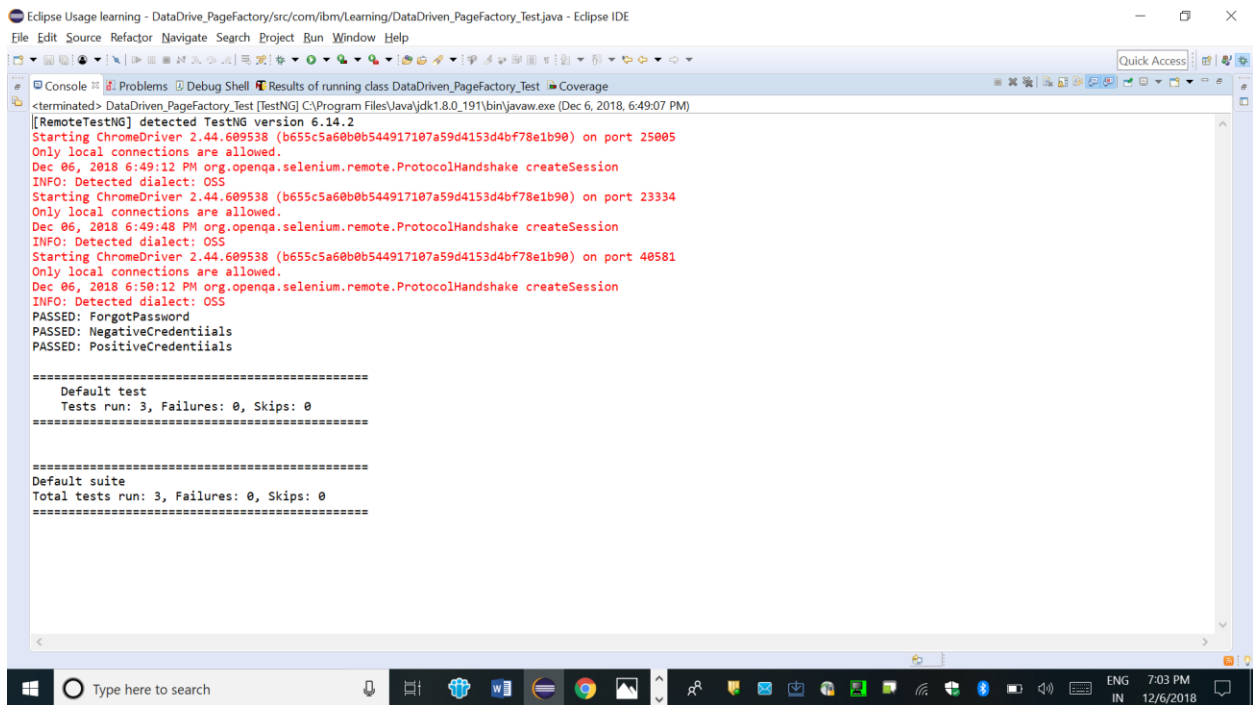
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
WebDriver driver = new ChromeDriver();
WebDriverWait wait=new WebDriverWait(driver, 60);
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(url);

HomePage home=new HomePage(driver);
home.clickOnMyAccountIcon();

LoginPage login=new LoginPage(driver,wait);
login.clickOnForgotPassword();
login.EnterTheEmailAddress(email);
login.ClickOnSubmit();
String pageSource1 = login.SubmitButtonError() ;
Assert.assertTrue(pageSource1.contains("Please enter a valid email address. For
example johndoe@domain.com."),"Assertion on Invalid login error message");
    }
}

```

Project out from Eclipse:



Eclipse Usage learning - DataDrive_PageFactory/src/com/ibm/Learning/DataDriven_PageFactory_Test.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Console Problems Debug Shell Results of running class DataDriven_PageFactory_Test Coverage

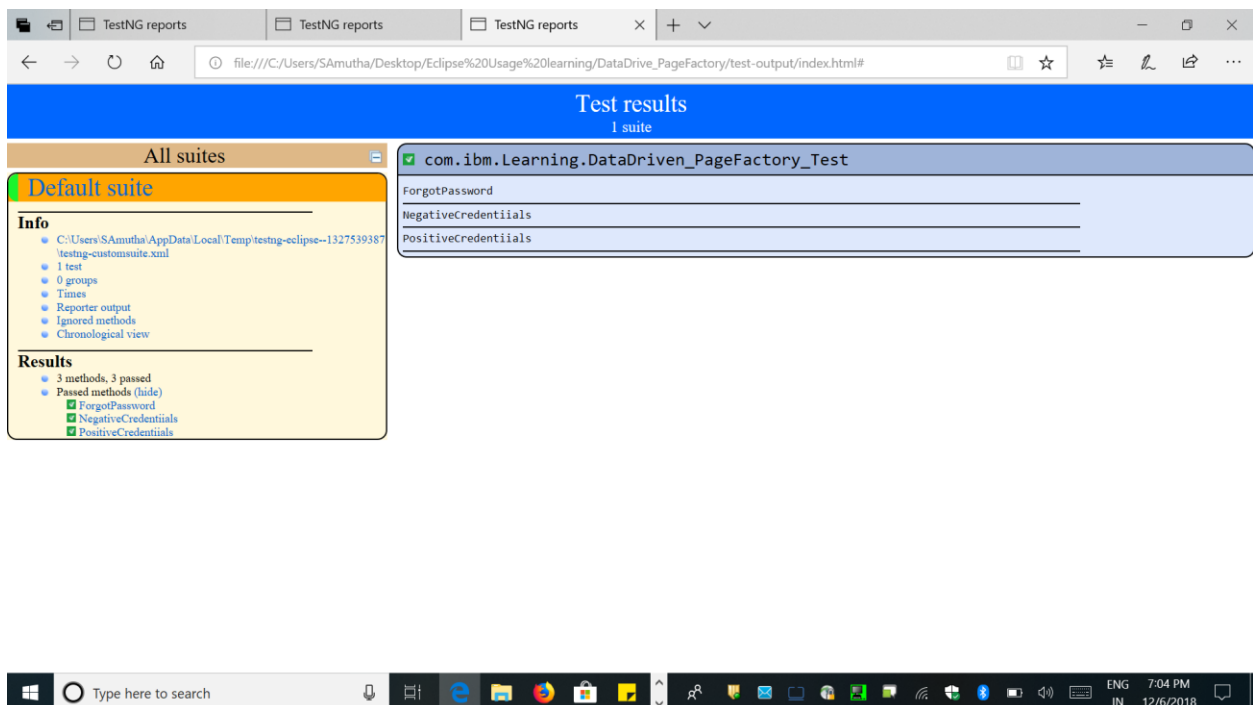
```
<terminated> DataDriven_PageFactory_Test [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (Dec 6, 2018, 6:49:07 PM)
[RemoteTestNG] detected TestNG version 6.14.2
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 25005
Only local connections are allowed.
Dec 06, 2018 6:49:12 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 23334
Only local connections are allowed.
Dec 06, 2018 6:49:48 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 40581
Only local connections are allowed.
Dec 06, 2018 6:50:12 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
PASSED: ForgotPassword
PASSED: NegativeCredentials
PASSED: PositiveCredentials

=====
Default test
Tests run: 3, Failures: 0, Skips: 0
=====

Default suite
Total tests run: 3, Failures: 0, Skips: 0
=====
```

Windows taskbar: Type here to search, 7:03 PM, 12/6/2018

Project output in report format:



TestNG reports

file:///C:/Users/SAmutha/Desktop/Eclipse%20Usage%20learning/DataDrive_PageFactory/test-output/index.html#

Test results

1 suite

All suites	com.ibm.Learning.DataDriven_PageFactory_Test
Default suite Info <ul style="list-style-type: none">C:\Users\SAmutha\AppData\Local\Temp\testng-eclipse--1327539387\testng-customsuite.xml1 test0 groupsTimesReporter outputIgnored methodsChronological view Results <ul style="list-style-type: none">3 methods, 3 passedPassed methods (hide)<ul style="list-style-type: none">ForgotPasswordNegativeCredentialsPositiveCredentials	<ul style="list-style-type: none">ForgotPasswordNegativeCredentialsPositiveCredentials

Windows taskbar: Type here to search, 7:04 PM, 12/6/2018