

1. Problem Statement:

Task

- Use the framework 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 validation as well.

1.1 Source Code: file name – Magento_ForgotPWD.java

```
package MangentoTest;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import java.util.HashMap;
import java.util.Objects;
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.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.Wait;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.Assert;
import org.testng.annotations.*;

import Initialization.WebDriverLaunch;

import magentoPages.ForgotPwdPage;
import magentoPages.HomePage;
import magentoPages.LoginPage;
import utilities.PropertiesFileHandler;

public class Magento_ForgotPWD extends WebDriverLaunch {

    @Test
    public void ForgotPasswordCheck() throws InterruptedException
    {
        String url=hashData.get("url");
        String username=hashData.get("invalidusername");
        String actualPwdMsg=hashData.get("actualForgotPWDMsg");
```

```

String ExForgotPWDMsg=hashData.get("expectedForgotPWDMsg");
String invalidEmail=hashData.get("invalidEmail");
String actualInvalidEmailMsg=hashData.get("actualInvalidMsg");
String ExInvalidEmailMsg=hashData.get("ExInvalidEmailMsg");
String actualReqEmailMsg=hashData.get("actualReqEmailMsg");
String SuccessPageSrc;
String InvalidPageSrc;
String RequireEmailPgSrc;
driver.get(url);
//Home Page
HomePage home=new HomePage(driver);
home.clickOnMyAccountIcon();

//Login Page
LoginPage login = new LoginPage(driver, wait);
login.clickonForgotPWD();

//Forgot PWD Page
ForgotPwdPage fPwd=new ForgotPwdPage(driver,wait);

//for empty email ID
fPwd.clickOnSubmit();
RequireEmailPgSrc=fPwd.getPgSrcORequireEmail();
Assert.assertTrue(RequireEmailPgSrc.contains(actualReqEmailMsg), "Assertion on
Required field");
System.out.println("Enter Email ID..this is a required field");

//Forgot PWD for correct email ID format
Thread.sleep(3000);
fPwd.enterEmail(username);
fPwd.clickOnSubmit();
SuccessPageSrc=fPwd.getPgSrcOfSuccessMsg();
Assert.assertTrue(SuccessPageSrc.contains(actualPwdMsg), ExForgotPWDMsg);

//Forgot PWD for incorrect email ID format
login.clickonForgotPWD();
Thread.sleep(3000);
fPwd.enterEmail(invalidEmail);
fPwd.clickOnSubmit();
if (fPwd.emailValidation(invalidEmail))
{

    System.out.println("Email entered is valid");
}
else
{
    InvalidPageSrc=fPwd.getPgSrcOfInvalidMsg();
}

```

```

        Assert.assertTrue(InvalidPageSrc.contains(actualInvalidEmailMsg),ExInvalidEmailMsg);
        System.out.println("Entered Invalid Email");
    }

}

}

```

1.2 TestNG XML File: file name –testng.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
<suite name="Suite">
    <test thread-count="5" name="Test">
        <parameter name="browser" value="ff"></parameter>
        <classes>
            <class name="MagentoTest.Magento_ForgotPWD"/>
        </classes>
    </test> <!-- Test -->
</suite> <!-- Suite -->

```

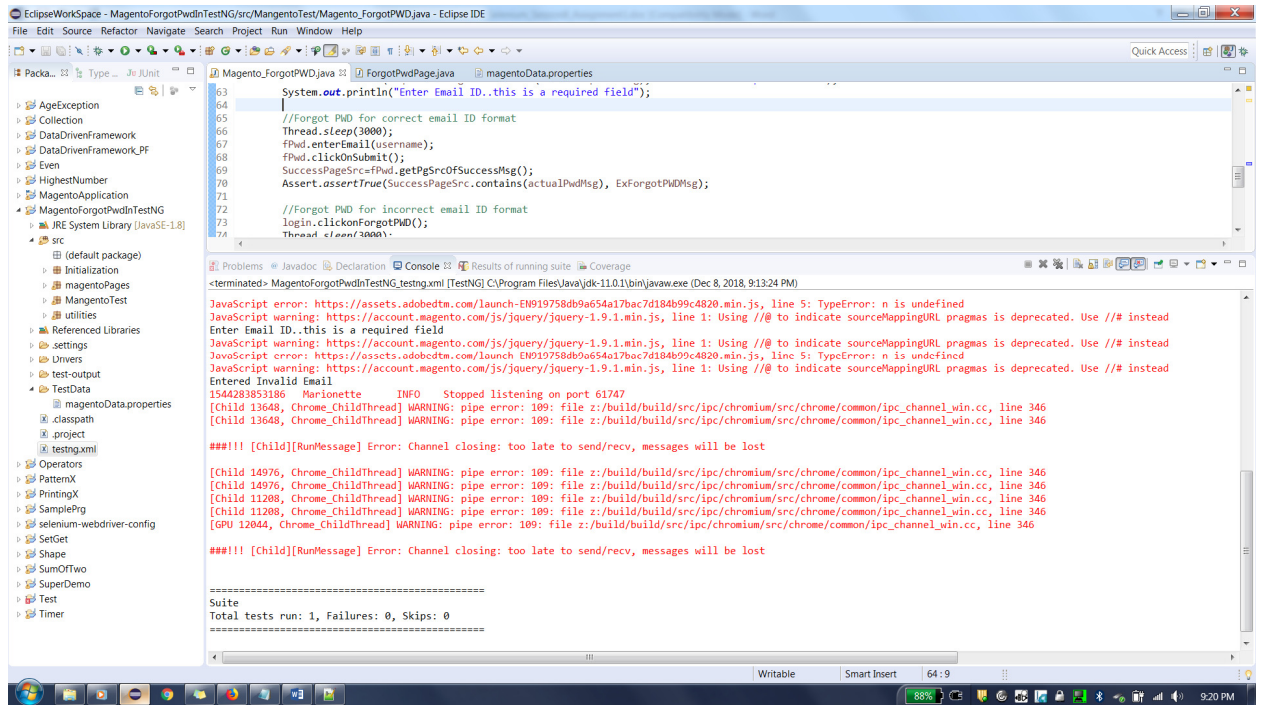
1.3 Other Pages files:

1. WebDriverLaunch.java
2. HomePage.java
3. LoginPage.java
4. ForgotPwdPage.java

1.4 TestData file:

- magentoData.properties

1.5 Output Screenshots:



****END OF DOCUMENT****