

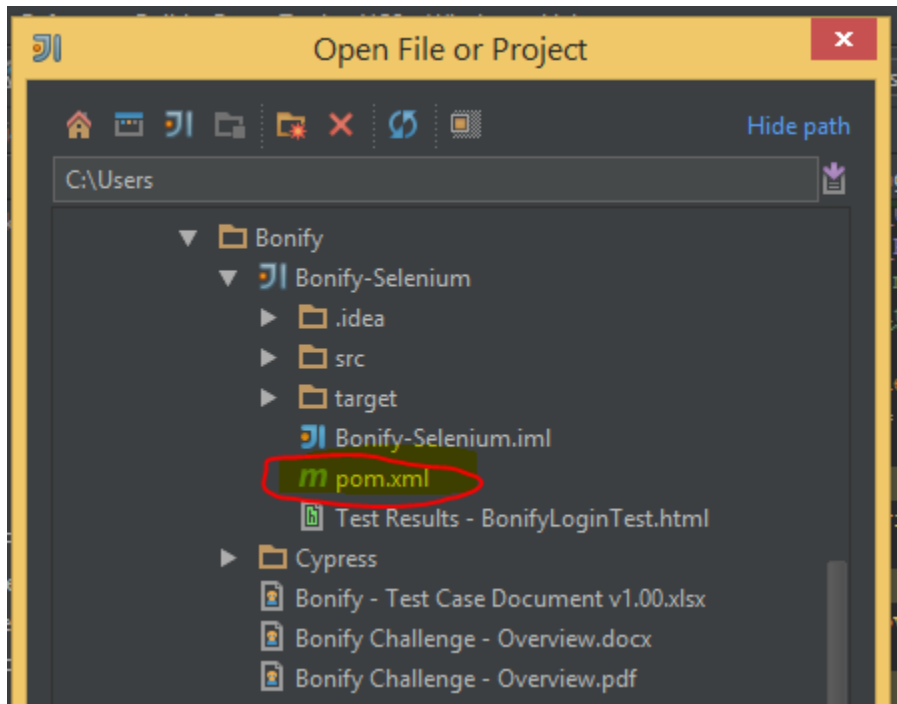
Bonify Challenge - Selenium

Prerequisites

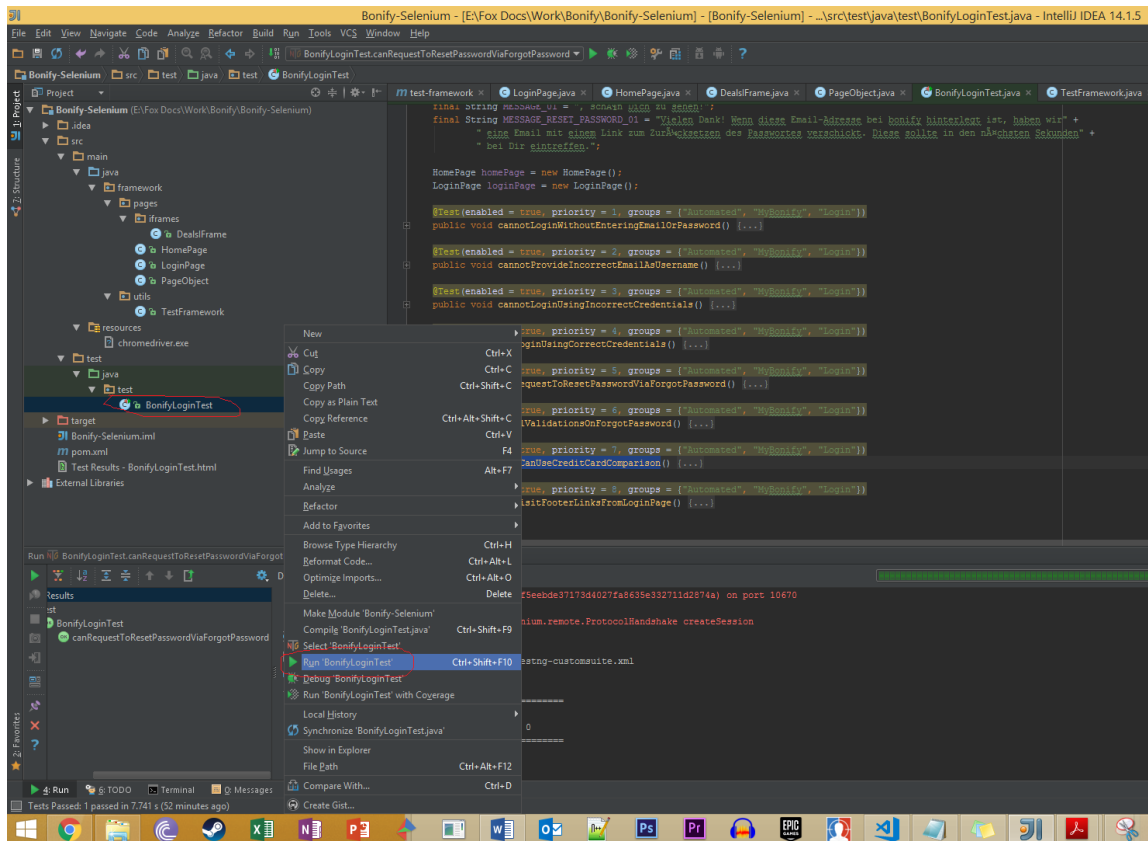
- JDK
- An IDE (preferably IntelliJ IDEA 14.1.5 above) - [download](#)
- Uses Chromium (driver included in the package)

Installation

1. Checkout the files using git clients or direct download.
2. Have the prerequisites installed.
3. Open idea and go 'File' -> 'Open'
4. Select pom.xml under project root folder.



5. Select 'BonifyLoginTest' under scr > test> java> test, Right click run.



Notes

Maven is used for building the test framework. Scripting follows page object model for easier breakdown of the page elements. This helps to keep the project more scalable and BDD friendly. Written using Java using IntelliJ IDEA editor.

Makes sure to provide valid info for below variable before running.

```
public String validEmail = "emofox21@gmail.com"; //Valid first name
public String validPassword = "@bonify123"; //Valid password
public String validFName = "Harsha"; //Valid first name
```

Harsha Jayawilal

```

public static String replaceUmlaut(String input) {

    String output = input.replace("ü", "ue")
        .replace("ö", "oe")
        .replace("ä", "ae")
        .replace("ß", "ss");

    output = output.replace("Ü(?=[a-zAÖÜß ])", "Ue")
        .replace("Ö(?=[a-zAÖÜß ])", "Oe")
        .replace("Ä(?=[a-zAÖÜß ])", "Ae");

    output = output.replace("Ü", "UE")
        .replace("Ö", "OE")
        .replace("Ä", "AE");

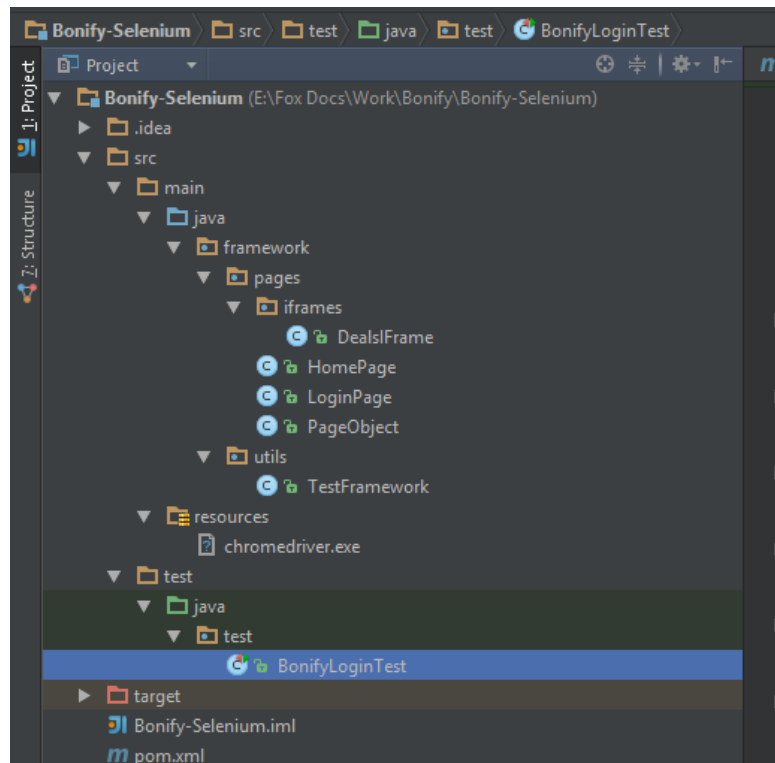
    return output;
}

```

Umlaut chars were replaced with an 'e' to make the text comparisons easier.

Class breakdown

- Package **'framework'** – This is the parent package for the framework
- Package **'pages'** – This Package contains page classes .
- Package **'iframe'** – This Package contains iframe classes
- **PageObject.java** – main class which is extended in other page classes. Functions which are common to other pages are implemented here.
- **HomePage.java** - contains functions related to the home page
- **LoginPage.java** – contains functions related to Login page
- **DealsIframe.java** - contains functions related to deals iframe.
- Package **'utils'** – utilities related classes are packaged here. Tests are extended from this class.
- **TestFramework.java** – contains main framework related functions such as web driver initialization.
- Package **'test'** – tests are packaged here
- **BonifyLoginTest.java** – Tests are written here. You may run this full class or tests separately.



Pom File

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>bonify-selenium</groupId>
  <artifactId>test-framework</artifactId>
  <version>1.0-SNAPSHOT</version>
  <dependencies>
    <dependency>
      <groupId>org.testng</groupId>
      <artifactId>testng</artifactId>
      <version>6.8.7</version>
    </dependency>
    <dependency>
      <groupId>org.seleniumhq.selenium</groupId>
      <artifactId>selenium-java</artifactId>
      <version>3.14.0</version>
    </dependency>
  </dependencies>
  <properties>
    <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
  </properties>
</project>
```










Harsha Jayawilal

Test Results

BonifyLoginTest: 8 total, 8 passed

32.65 s

[Collapse](#) | [Expand](#)

test	32.65 s
 BonifyLoginTest	32.65 s
 cannotLoginWithoutEnteringEmailOrPassword	passed 605 ms
 cannotProvideIncorrectEmailAsUsername	passed 311 ms
 cannotLoginUsingIncorrectCredentials	passed 817 ms
 canLoginUsingCorrectCredentials	passed 1.45 s
 canRequestToResetPasswordViaForgotPassword	passed 1.07 s
 emailValidationsOnForgotPassword	passed 565 ms
 userCanUseCreditCardComparison	passed 9.69 s
 canVisitFooterLinksFromLoginPage	passed 18.15 s