This readme document contains instructions to setup the required tools and run the tests.

**Description:**

* This test project is based on Selenium WebDriver (Page Object Model) using Java as the programming language.
* This is a Maven based project which used TestNG as the test framework.
* The tests have been configured to run on Chrome browser on Windows machine.
* The test and pages are present in the ‘*src’* folder in */test/java/pages* and */test/java/tests* locations respectively.
* The test reports (html and xml) are generated at the following location inside the project:

*test-output/brighteTestSuite*

**There are two ways to run the tests: using Maven command line or using TestNG. Here are the detailed instructions to be followed to run the tests using both methods:**

* ***USING MAVEN***

**Software Requirement:**

* Install Java from <https://www.java.com/en/download/>
* Install Maven for Windows from <https://maven.apache.org/download.cgi\>
* Google Chrome browser (Latest version)
* Chromedriver.exe (latest version). Download zip from <http://chromedriver.chromium.org/downloads>

**Steps to execute the tests:**

* Unzip the chromedriver download and place the extracted ‘chromedriver\_win32’ folder at the following location: *C:\Temp*
* Open command prompt in the project folder
* Run the following command to execute the tests: *mvn install test*

This command should download the dependencies and run the test on Chrome Browser.

* ***USING TestNG***

**Software Requirement:**

* Install Java from <https://www.java.com/en/download/>
* Install Maven for Windows from <https://maven.apache.org/download.cgi\>
* Google Chrome browser (Latest version)
* Chromedriver.exe (latest version). Download zip from <http://chromedriver.chromium.org/downloads>
* Download and install Eclipse IDE 2019-06 from the following link: <https://www.eclipse.org/downloads/>

**Steps to execute the tests:**

* Open Eclipse and import the ***brightePreApproval*** project.
* Install TestNG plugin fro Eclipse. To download, in Eclipse go to *Help -> Install New Software* and enter [*http://beust.com/eclipse*](http://beust.com/eclipse)*.* Select TestNG and complete the installation. Restart Eclipse
* Right click on the pom.xml file, go to ‘Run As’ and do a Maven install. This will install the project dependencies.
* Right click on the testing.xml file and Run As ‘1 TestNG Suite’.

This should execute the test and generate test report at the following location:

*test-output/brighteTestSuite*