**Scope of the test:** The documentation highlights the scope, test cases and the instructions to verify the page: <https://portal.staging.brightelabs.com.au/pre-approvals/details>. The test has been implemented through a behaviour driven approach using Cucumber tool. The test data has been included as part of the scenarios detailed in the feature file. Flexibility to test has been provided to run the test through either of the options:

* Directly from jar file
* Through maven clean install command
* Through IDE if eclipse or any compatible software is available

The test outputs are available in three different formats: XML, JSON and HTML format

**Test Considerations**

Test cases covered:

1. The user enters all the required information correctly and is eligible for the loan. The assertion for this test case is that application displays the amount eligible and max amount repayment.
2. The user enters all the required information but however application evaluates that he’s ineligible for loan. In this case the assertion is the user feedback regarding ineligibility of the loan.

**Test Environment details**

Below are the software(s) needed for the application under test:

* JDK 1.8 need to be installed and the environment variables set in the system (path to Java installation set in the path environment variable).
* Chrome has to be installed on the system. Path for Chromedriver.exe must be set in the Path variables (as mentioned in the link- [instructions](https://developers.refinitiv.com/sites/default/files/How%20To%20Add%20ChromeDriver%20To%20System%20Variables_0.pdf)). This may need PC restart.

**Note:** Chrome driver has been provided along with the project which is compatible with “v74”. Please download the required chromedriver if the Chrome version does not match. Chromedriver package location: *‘\BrightETest\src\main\resources\drivers*’

* Optional installation: Maven installed on the system (if clean install is run)
* Optional installation: JRE v1.8 and Eclipse/ any other IDE is installed on the target system.

**Running the tests**

Test can be run as per the below 3 options:

* Option 1: Copy the jar file to a folder on the target system. Jar file is available at: *“\BrightETest\target\brightELoanTestUtils-1.0.jar*”. Open command prompt, browse to the folder where jar file is located (ex D:\JarFile) and run: **java -jar brightELoanTestUtils-1.0.jar.**
* Option 2: If maven is installed on the target system, copy the project to a folder say (D:\test folder). Open command prompt, browse to the folder where ‘pom.xml’ is located (‘*\BrightETest\pom.xml*’)and type: **mvn clean install**
* Option 3: If Eclipse is installed on the system, please execute the runner file located at ‘\BrightETest\src\main\java\com\brightE\runner’