

Test Results Calculation

JUnit 5, like a lot of other unit test frameworks, works in the following way:

1. If during the test there were no exceptions thrown, or exceptions that were thrown were caught and handled - the test is declared as **PASSED**
2. If during the test there were exceptions thrown, which were not caught or dealt with - the test is declared **FAILED**
3. There is a third option, which declares the test as **SKIPPED**

Once this concept is understood, we realize that assertions, if do not meet the criteria, throw an exception under the hood thus making the test fail.

Verisoft Framework uses a publisher (aka subject) to report the test result. It evaluates the test result using the JUnit 5 test result mechanism and then reports the result to its observers. So, for ExtentsReport for example, it will **NOT** report an error during the test execution, since it automatically causes the Extent Test to fail, and the publisher waits until JUnit 5 will resolve the test execution result.

Using `Assumptions.assumeTrue(boolean)` Will help users to skip tests. You can see an example [here](#)