Testing Summary

# Unit Tests

For this release, additional unit tests were added to accommodate the new functionality implemented. In addition to this, some user stories were modified based on some additional content or changes to the original functionality.

* 38 unit tests were performed in total for the release (all passing).
* 103 unit tests have been performed in total.

# Integration Tests

Additional integration tests have also been performed. This was weighted much more heavily than last release, as we were working with two separate interfaces and as such, we needed to ensure that the components worked correctly on both interfaces.

* 12 integration tests were performed for the release (all passing).
* 32 integration tests have been performed in total.

# System Tests

System tests were also performed on the finished product. These came under two categories, general (tests performed by the group) and user testing. These were tests conducted to ensure that external users were able to effectively navigate and use the program correctly.

* 5 system tests were performed for the release (all passing).
* 13 system tests have been performed in total.

# Non-Functional Acceptance Tests

Non-Functional Acceptance tests were also performed on both interfaces. These were tests which were not explicitly testable by coded tests, and were instead manually checked by the group. Examples included ensuring that measurements were displayed in correct units, or that modules loaded in sufficient time.

* 12 non-functional acceptance tests were performed for the release (all passing).
* 31 non-functional acceptance tests have been performed in total.

# Functional Acceptance Tests

Functional unit tests were also performed in this release. These were explicit tests that were performed on each of the new system aspects. For example, checking that specific shade values lowered the overall output of the system by a specified amount.

* 13 functional acceptance tests were performed for the release (all passing).
* 27 functional acceptance tests have been performed in total.