**Test Plan Review**

**Code: 9494  
Test Plan: 8827**

The test plan 8827 was reviewed according to the tutorial: How to Write Test Cases provided on the resources section of the course.

**Does the test plan work as intended?**

Features that are included:

1. Purpose, scope and system overview describes the intention of the assignment.
2. A table explaining the test case identifier, objective, and criticality.

Features that are missing:

1. A test case should have the description of an input, action, and expected response. In the test plan for each test case only contains an identifier, objective and the level of criticality.
2. The document appears to be more a test strategy than a test plan.
3. The plan does not include scenarios like accounting for incorrect inputs like not numbers (letters, special chars, double), an empty table, and the size of the table which means testing incrementing the number of columns and rows. At least one scenario should be included to make sure the program handles errors as expected.
4. The test plan should be generic and specify in detail the inputs and expected outputs.

Suggestions:

In summary, the test plan 8827 provides a brief idea of the purpose and main objectives for each test identifier. But we cannot presume that all test cases are covered with the test plan presented.

**Does the software work as intended?**

The code 9494 was tested with the test plan 8827 and according to the scenarios established in this document, the software works as intended. The following scenarios were tested:

* testPosition - Test to see if you can set and get elements of matrix
* testSorted - Test to see if the sort algorithm is correct
* testBound - Test to see if indexes are out of bounds of the matrix
* testLeftandRight - Test left and right indexes to see if they are in order

In summary the software works as intended according to this test plan, but since it is missing many cases, we cannot assure that the software handles errors accordingly.