

# **MyCalculator application**

## **Test plan**

**Author: Filip Neagoe**

|                        |              |                                   |     |
|------------------------|--------------|-----------------------------------|-----|
| <b>Product Name</b>    | MyCalculator | <b>Test Plan Version</b>          | 1.0 |
| <b>Product Version</b> | 1.0          | <b>Test Plan Template Version</b> | 1.0 |

## Test Plan Review/Approval

| <b>Title</b>    |              | <b>Date</b> |
|-----------------|--------------|-------------|
| Product Manager | N/A          | N/A         |
| Program Manager | N/A          | N/A         |
| QA Project Lead | Filip Neagoe | 14/05/2021  |
| QA Team         | Filip Neagoe | 14/05/2021  |
| Review Team     | N/A          | N/A         |

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## **1. OBJECTIVE**

The objective Test Plan is to define scope of the testing, schedules and deliverables.

## **2. REFERENCE DOCUMENTS**

No documentation available.

## **3. AREAS TO BE TESTED**

The initial build of “MyCalculator” application deployed by development team will be analyzed as a whole functional system and it will be submissive to a detailed testing process.

## **4. AREAS NOT REQUIRING TESTING**

Other than the above.

## **5. HIGH LEVEL TEST OVERVIEW**

### **5.1 TESTER ACCEPTANCE TESTING**

The first step in the actual testing process of the application is to ensure by the tester that the build received from the development team is available and can be accessed.

After accessing the application, it is ensured that it can be installed and run in the appropriate test environment.

Next, the basic functionalities of the application are verified, ensuring that the application can be subjected to an extensive testing process.

In other words, we make sure that the application is stable enough to be tested further, it has no critical operation problems that can stop the testing process (known as “showblockers”).

Specifically, these preliminary tests are part of the category known as Smoke Tests or Smoke Testing.

## **5.2 PROGRESSION TESTING**

Functional as well as non-functional tests will be performed in this area.

More informations about this process are provided in the attached descriptive testing process document corresponding to the application.

## **6. ENVIRONMENTS COVERAGE**

The application will be tested in an end-user environment.  
In this case the operating system used as a test medium is Windows 10 Pro licensed.

Currently there is no possibility to extend the testing of the application in another environment.

## **7. TESTING TIME LINES/SCHEDULES**

| <b>Iteration (or)<br/>Build No</b> | <b>Start Date</b> | <b>End Date</b> |
|------------------------------------|-------------------|-----------------|
| Iteration#1(Build#1)               | 14-May-2021       | 15-May-2021     |
| Iteration#2(Build#1)               | 16-May-2021       | 17-May-2021     |

## **8. TESTING STRATEGY**

- After the TAT test suite is successfully completed, application functionalities will be validated or invalidated as part of progression tests.
- Defects found will be reported.

## 9. RESOURCES

### Human Resources

QA team consists of following team members:

1. Filip Neagoe

### Software/Hardware Resources (Technical Resources)

Software required: licensed OS.

## 10.RISKS & MITIGATION:

| No | Risk   | Mitigation                                  |
|----|--|---|
| 1. | Software / Hardware failure during testing process | Maintain backup software/hardware resources |

## 11. ENTRY CRITERIA

- Unit Testing process should be done by development team (maybe Integration Testing process as well).
- An application build from the development team should be provided.

## 12. EXIT CRITERIA

- Zero Installer & Running defects.
- Completion of testing the application as a complete system
- No P1/P2 (S1/S2 severity) functional defects from any iteration