## Document identification

|  |
| --- |
| **Document:** |
| **Person in charge:** |
| **References to other documents:** |

## Summary

This document is based on user requirements, specification and project plan. It defines testing procedure and contains test cases. Results of testing are described in chapter 5.

## Test component identification

Test cases refer to executable code of ... (*insert the name of programmer and version of the product*)

## General description of test cases

Complexity level: 1 low complexity, 2 medium, 3 high

Severity level: 3 very critical, 2 critical, 1 insignificant

Factor of importance=number of test cases= complexity \* criticalness

## Test procedure

In order to perform testing, the program (executable code) must be copied to the arbitrary directory.

## Test matrix

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Requirement description** | **complexity** | **severity** | **Factor of importance** | **Number of test cases** | TC 1 | TC 2 | TC 3 | TC 4 | TC 5 | TC 6 | TC 7 | TC 8 | TC 9 | TC 10 | TC 11 | TC 12 | TC 13 | TC 14 | TC 15 | TC 16 | TC 17 | TC 18 | TC 19 | TC 20 |
| 1. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Detailed description of test cases

Test cases are arranged according to the strategy.

**Positive or Specification based testing (Purpose: Are all requirements implemented?)**

TC1 ...

TC2 ...

TC3 ...

**Boundary testing (Purpose: Checking how program performs on boundary value.)**

TC4 ...

**Robustness testing strategy (Purpose: Does the program properly reject invalid input data?)**

TC5 ...

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case:** | TC1 | **Version:** |  |
|  |  | Author: |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Initial state: |  | Strategy: |  |
| Purpose/bug assumption: |  | Remarks: |  |
| System configuration: |  | Dependency on other test cases: |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Step | Action / Input Variables | Expected value / action | Remark | Test report remark |
| 1 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Make a copy of this table - one table for each test case!**