**CHAMA MANAGEMENT SYSTEM**

**SOFTWARE TEST REPORT**

**PREPARED**

**BY**

**GRACE KIMANI**

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# Introduction

## Document overview

This document is the software test report of the Version 1.0 testing phase of the Chama Management System software development project. It contains the results of tests, which were executed during the testing phase 1.

## Abbreviations and Glossary

### Abbreviations

CMS – Stands for Chama Management System

### Glossary

Procedural Programming - refers to a set of instructions telling a computer what to do step by step and how to perform from the first code to the second.

## References

### Project References

| # | Document Identifier | Document Title |
| --- | --- | --- |
| [R1] | LO1  LO2 | Chama Management System - Report  Design Specification Document |

### Standard and regulatory References

|  |  |  |
| --- | --- | --- |
| # | Document Identifier | Document Title |
| [STR1] |  | System Test Report |

# Overview of Tests Results

## Tests log

The Chama Management System software (version 1.0) was tested on the Windows 7 test platform located in Rarua Nyama Investment Group Headquarters, from the 19/11/2016 to the 30/11/2016. The tests of the test phase were executed.

Testers where:

* Grace Kimani
* Mr. Wolang

## Rationale for decision

After executing a test, the decision is defined according to the following rules:

* **OK:** The test sheet is set to "OK" state when all steps are in "OK" state. The real result is compliant to the expected result.
* **NOK:** The test sheet is set to "NOK" state when all steps of the test are set to "NOK" state or when the result of a step differs from the expected result.
* **Partial OK:** The test sheet is set to "Partial OK" state when at least one step of the test is set to "NOK" state or when the result of a step is partially compliant to the expected result.
* **NOT RUN:** Default state of a test sheet not yet executed.
* **NOT COMPLETED:** The test sheet is set to "Not Completed" state when at least one step of the test is set "Not Run" state.

Tests results are listed below.

## Overall assessment of tests

* All tests with interfaces passed

Statistics about tests:

* 95% of tests OK,
* 2% of tests NOK
* 3% of tests POK
* 0% of tests NR
* 0% of tests NC

Statistics about bugs and enhancements:

* 97 Total number of Bugs
* 26 Critical errors
* 16 Major errors
* 42 minor errors
* 13 enhancements

# Detailed Tests Results

For each executed test, this document contains:

* Test identification;
* Test title;
* Test decision;
* Comment containing additional information or problems encountered during execution and differences with the test procedure.

For the problems leading to a bug, the bug ID is reported in the result of the step where problem was encountered.

## Sub section name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | **Expected Results** | **Actual Results** | **Comment** | **Decision** |
| New member Registration | Member registered | Member registered | Positive results | OK |
| Verified Requirement | VR-REQ-001 | VR-REQ-001 | Positive results | OK |
| Initial conditions | System layout | Actual System layout | working | OK |
| Tests inputs | User generated | User generated | No errors | OK |
| Tests outputs | Computed results | Computed results | No errors | OK |

**Examples of Tests, Results and Comments.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test ID** | **Expected Results** | **Actual Results** | **Decision** |
| New member name | John | John | OK |
| Member Id | 13460073 | 13460073 | OK |
| Address | 350 | 350 | OK |
| Tel No | 0720987524 | 0720987524 | OK |
| Date | 19/11/2016 | 19/11/2016 | OK |
| Gender | Male | Male | OK |
| Account No | C100200 | C100200 | OK |
| Age | 46 | 46 | OK |