 

Software Quality Testing & Certification Centre

Bangladesh Computer Council

***Graveyard Management System (GMS)***

**Smoke Test Report**

**Version *<1.0>***

***23/02/2023***

VERSION HISTORY

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Version #** | **Implemented By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 1.0 | *SQTC Team* | *11/03/2021* |  |  | *Draft Graveyard Management System (GMS) Smoke Test Report V0.1* |

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# 1.0 INTRODUCTION

## 1.1 **Purpose:**

This smoke test represents the overall condition of the Graveyard Management System software before proceeding to full functional testing. This document includes-

* Smoke Testing summary
* Module wise test execution summary

## 1.2 **Project Description:**

The maintenance of burial records has, for centuries been confined to written registers and books.

Digital Graveyard Management System (GMS) is a record keeping software for Dhaka South City Corporation. This software is intended for administrative use for graveyard management with limited public use. The GMS is designed to digitize entire graveyard management to save time, money and make the whole process faster.

This system will assign identifier for individual burial, which ca be tracked for detailed information. The system will generate invoice with online payment option for efficient bill collection with multiple payment processor / bank.

# 2.0 TEST SUMMARY

**Project Name**: GMS

**System Name:** Graveyard Management System

**Version Number:** 1.0

## 2.1 **Summary of Testing Activities**

|  |  |
| --- | --- |
| **Discovery** | **Deliverables** |
| Understood the application functionality & navigation flows | Application queries |
| Analysed the call flow of the application |
| **Authoring** |  |
| Prepared test cases for smoke testing | Smoke test cases |
| Reviewed test cases |
| **Execution** |  |
| Test scenario execution on Chrome Browser | Test Execution Report |
| Published Smoke Test Report | Smoke Test Report |

## **2.2 Test Scope**

Perform the manual functional testing of the application on Web Browser for all the test cases identified from the In-scope modules.

|  |  |  |
| --- | --- | --- |
| **Test Item/Module** | **Version** | **Description** |
| Admin | 1.0 | All the major features & functionalities under Admin |
| Agency Operator | All the major features & functionalities under Agency Operator |
| Agency Moderator | All the major features & functionalities under Agency Moderator |
| Ministry Operator | All the major features & functionalities under Ministry Operator |
| Ministry Moderator | All the major features & functionalities under Ministry Moderator |
| Sector Operator | All the major features & functionalities under Sector Operator |
| Sector Moderator | All the major features & functionalities under Sector Operator |
| Programming Division Operator | All the major features & functionalities under Programming Division Operator |
| Programming Division Moderator | All the major features & functionalities under Programming Division Moderator |

## **2.3 Features Not to Be Tested**

* *Functional Testing*
* *Web service Testing*
* *Unit Testing*
* *Database Testing*
* *Any other activities that are not covered in scope*

## **2.4 Test Case Authoring Summary:**

| **SL No** | **Module** | **Total Scenarios count** | **Total Test cases count** |
| --- | --- | --- | --- |
| 1 | Admin | 30 | 1 |
| 2 | Agency Operator | 1 | 2 |
| 3 | Agency Moderator | 1 | 2 |
| 4 | Ministry Operator | 1 | 2 |
| 5 | Ministry Moderator | 1 | 2 |
| 6 | Sector Operator | 1 | 2 |
| 7 | Sector Moderator | 1 | 2 |
| 8 | Programming Division Operator | 1 | 2 |
| 9 | Programming Division Moderator | 1 | 2 |
| **Total** | | **9** | **17** |

## **2.5 Overall Test Case Execution Summary:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Total test case count** | **Executed** | **Passed** | **Failed** | **Blocked** | **Untested/Skipped** |
| 17 | 17 | 17 | 0 | 0 | 0 |

## **2.6 Test Type (Smoke)**

**Test Owner**: SQTC Team

**Test Date**: [11th March, 2021]

**Test Results**: We have performed one cycle of smoke test on ADP/RADP Management System (AMS) of the major functionalities from each of the module. Test cases have been executed on Chrome browser and overall Execution is at **100.00%**.

**Additional Comments**: The Current **Pass percentage** is **100%**.

# 3.0 TEST ASSESSMENT

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SL** | **Module** | **Test Scenario** | **Test Case** | **Test Result** | **Rate of Success** | **Issue** |
| 1 | Admin | Verifying functionality of creating Call Notice | Checking the functionality of creating a call notice | **PASSED** | **75%** | File upload issue while creating the call notice |
| 2 | Agency Operator | Verifying functionality of creating new project and sending to moderator | Checking the functionality of creating a new project | **PASSED** | **100%** | - |
| 3 | Checking the functionality of sending project to agency moderator | **PASSED** | **100%** | - |
| 4 | Agency Moderator | Verifying functionality of reviewing the project and sending to operator | Checking the functionality of receiving & reviewing the project from operator | **PASSED** | **100%** | - |
| 5 | Checking the functionality of sending project to ministry operator | **PASSED** | **100%** | - |
| 6 | Ministry Operator | Verifying functionality of reviewing the project and sending to moderator | Checking the functionality of receiving & reviewing the project from agency moderator | **PASSED** | **100%** | - |
| 7 | Checking the functionality of sending project to ministry moderator | **PASSED** | **100%** | - |
| 8 | Ministry Moderator | Verifying functionality of reviewing the project and sending to operator | Checking the functionality of receiving & reviewing the project from ministry operator | **PASSED** | **100%** | - |
| 9 | Checking the functionality of sending project to agency sector operator | **PASSED** | **100%** | - |
| 10 | Sector Operator | Verifying functionality of reviewing the project and sending to moderator | Checking the functionality of receiving & reviewing the project from ministry moderator | **PASSED** | **100%** | - |
| 11 | Checking the functionality of sending project to sector moderator | **PASSED** | **100%** | - |
| 12 | Sector Moderator | Verifying functionality of reviewing the project and sending to operator | Checking the functionality of receiving & reviewing the project from sector operator | **PASSED** | **100%** | - |
| 13 | Checking the functionality of sending project to programming division operator | **PASSED** | **100%** | - |
| 14 | Programming Division Operator | Verifying functionality of reviewing the project and sending to moderator | Checking the functionality of receiving & reviewing the project from sector moderator | **PASSED** | **100%** | - |
| 15 | Checking the functionality of sending project to program division moderator | **PASSED** | **100%** | - |
| 16 | Programming Division Moderator | Verifying functionality of reviewing the project and completing the process | Checking the functionality of receiving & reviewing the project from programming division operator | **PASSED** | **100%** | - |
| 17 | Checking the functionality of finalizing the project approval process | **PASSED** | **100%** | - |

# 4.0 VARIANCES

NA

# 5.0 TEST INSTANCES

NA

# 6.0 OBSERVATIONS

* Test cases are prepared and executed for the major functionalities from each of the module of AMS. All of the selected test cases **PASSED** which clearly means that we can proceed to functional testing of GMS.
* We have already identified all the test scenarios for functional testing of GMS. There are total **615 test scenarios** under **9 modules** of GMS. We will be authoring test cases and executing them to find out the bugs in GMS throughout the functional testing process.

# 7.0 TESTING TEAM

| **Name** | **Role** | **Email** |
| --- | --- | --- |
| Mohammad Saiful Alam Khan | Test Manager | saiful.khan@bcc.gov.bd |
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| Obyadullah | Test Engineer | obyadullah@bcc.gov.bd |

APPENDIX A: Test Report Approval

The undersigned acknowledge they have reviewed the GMS**Smoke Test Report** and agree with the approach it presents. Changes to this **Smoke Test Report** will be coordinated with and approved by the undersigned or their designated representatives.

|  |  |  |  |
| --- | --- | --- | --- |
| Signature: |  | Date: |  |
| Print Name: | *Mohammad Saiful Alam Khan* |  |  |
| Title: | Manager (Testing), BCC |  |  |
| Role: | Test Manager |  |  |

APPENDIX B: REFERENCES

The following table summarizes the documents referenced in this document.

|  |  |  |
| --- | --- | --- |
| **Document Name and Version** | **Description** | **Location** |
| *Technical Document & User Manual* | *Technical Document and User Manual of GMS* | *-* |

APPENDIX C: ACRONYMS

The following table provides definitions for acronyms relevant to this document.

|  |  |
| --- | --- |
| **Term** | **Definition** |
| IMED | Implementation Monitoring and Evaluation Division |
| ERD | Economic Relations Division |
| SDBM | Strengthening Development Budget Management Capability of Programming Division through establishing a new Digital Database System |
| AMS | ADP/RADP Management System |
| ADP | Annual Development Programme |
| RADP | Revised Annual Development Programme |
| SRS | Software Requirements Specification |
| BRS | Business Requirements Specification |
| BA | Business Analyst |
| TS | Test Scenario |
| TC | Test case |

APPENDIX D: KEY TERMS

The following table provides definitions for terms relevant to this document.

| **Term** | **Definition** |
| --- | --- |
| Smoke Test | Smoke Testing is a software testing process that determines whether the deployed software build is stable or not. Smoke testing is a confirmation for QA team to proceed with further software testing (i.e. functional testing) |
| Test Scope | The scope of testing is the extensiveness of the test process |
| Test Plan | A document describing the scope, approach, resources and schedule of intended testing activities |
| Software Requirements Specification | A software requirements specification (SRS) is a description of a software system to be developed |
| Business Requirements Specification | A Business Requirements Specification (BRS) points out the means on how to meet the requirements in business |
| Module | It is a software component or part of a program that servers unique business operations |
| Test Scenario | A Test Scenario is defined as any functionality that can be tested |
| Test Case | A Test Case is a set of conditions or steps under which a tester will determine whether a system under test satisfies requirements or works correctly |
| Defect | A defect means an error where the program doesn't conform to the specifications |
| Bug | Bug and Defect are interchangeably used most of the times |
| Severity | It can be defined as the degree of impact that a defect has on the development or operation of a software or system |