System Requirements Specification

SADC ICT Thematic Group

Digital Sharing Platform

VERSION [1.0] REVISION DATE: [27/07/2020]

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| Approver Name | Title | Signature | Date |
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# Section 1 – Introduction

## Purpose

*Specify the purpose of this System Requirements Specification and its intended audience*

## Business Context

*Provide an overview of the business organisation sponsoring/proposing the development of the system including mission statement and organisational objectives of the business unit*

## Scope

*Describe the scope of the system to be developed*

## User Characteristics

*Identify each type of user of the system by function, location and type of device. Specify the number of users in each group and the nature of their use of the system*

## Current System

# Section 2 - Proposed System – General System Description

## Overview and System Context

*Provide appropriate diagrams and accompanying narratives to provide an overview of the context of the system, defining all significant interfaces crossing the system’s boundaries*

## System Modes and States

*Describe the various modes of operation for the system and the conditions that determine the modes of operation*

## Major System Capabilities

*Provide diagrams and accompanying narratives to depict major capability groupings of the requirements*

## Constraints and Assumptions

*Describe the major constraints and assumptions that can affect the requirements specified in this requirements specification*

## Dependencies

*Describe the dependencies that can affect the requirements specified in this*

### Operational Scenarios

*Provide descriptive operational scenarios for the system*

# Section 3 - System Requirements

## Business Requirements

*Describe all business Requirements of the System*

## Functional Requirements

*Comprehensively define fundamental actions that must take place within the system to accept and process inputs and process and generate outputs*

### Functions

*If using functions – for each function specify*

* ***Purpose***  *- Describe the intent of the function*
* ***Inputs***  *- Describe the inputs to the function, including sources, valid range of values, timing considerations, operator requirements and special interfaces*
* ***Operations***  *- Describe operations to be performed including validity checks, responses to abnormal conditions, and types of processing required*
* ***Outputs***  *- Describe outputs from the function, including output destinations, valid ranges of values, timing considerations for handling illegal values, error messages and interfaces required*

1. Bulletins and News feed
2. Projects
3. Gallery
4. Reporting and analytics dashboard
5. Bios of the team
6. Video Library
7. Contact info
8. Intranet kind of Space for ICT Thematic group members
9. Context Management Workflow

### Use Cases

**If using use cases – for each use case specify**

**-> Actor**

**-> Preconditions**

**-> Post Conditions**

**-> Scenarios**

**-> Alternate Scenarios**

## Non-Functional Requirements

### Quality Requirements

*Describe requirements for the quality characteristics of the system*

* Performance Requirements
* Security Requirements etc

## Policy and Regulation Requirements

*Describe policy and regulations for the system*

## System Life Cycle Sustainment Requirements

*Describe the lifecycle sustainment activities to be executed during the lifecycle of the system*

## Logical Data Requirements

*Describe the logical data requirements to be encountered by the system*

## Content & Information Management Requirements

*Describe content and the information management requirements for the system*

### Content

Project information and images

Images for gallery

Reporting statistics for dashboard

Team Bios and pictures

Videos for video library

Thematic group partners

Contact information

News documents

## Physical Requirements

***Construction*** *– Environment characteristics where the system will be installed*

***Durability*** *- Specify the durability characteristics of the system*

***Adaptability*** *– Specify the environmental conditions to be encountered by the system*

# System Interfaces

*Specify in detail the requirements and dependencies for Interfaces among system components and their external capabilities, including all users, both human and other systems. Include existing systems under development and future systems*

# Section – Requirements Traceability Matrix

*Provide reference to the location of or provide the actual Requirements Traceability Matrix that will be completed during the life of the project*

# Section - System Models

## Use Case Model

## Object Model

### Data Dictionary

### Class Diagram

## Dynamic Models

## User Interfaces

# Section – References

*Provide a list of all documents and other sources of information referenced and utilized in this System Requirements Specification. Include document number, title, date and author.*

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| Document No | Document Title | Date | Author |
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# Glossary

# Appendices