QUALITY ASSURANCE PLAN

for

Risk Management System

Release 0.1

Prepared by Software Risk Tracking Team

Contents

List of Figures

List of Tables

Revision History

Date	Description	Revised by
3/6/24	Baseline	Software Risk Tracking CM Team

1 INTRODUCTION

1.1 Purpose

The purpose of this document is to define the set of rules to be followed by developers when writing software, and how the software written will be evaluated to ensure quality.

1.2 Definitions

1.3 Standards

ISO/IEC 12207: This international standard specifies requirements for software lifecycle processes, guiding the planning, development, testing, and maintenance of software.

1.4 References

2 QUALITY ASSURANCE

2.1 Overview

Quality Assurance involves ensuring quality throughout the development
of software, in this case, the Risk Management System (RMS). Ensuring
quality prevents taking time to fix mistakes once the RMS is completed.

2.2 Responsibilities and Applicability

Refer to section 1.1

3 QUALITY ASSURANCE CHARACTERISTICS

3.1 Evaluations, Audits and Reviews

After a change is made to the software, it shall be evaluated for proper adherence to design standards, software requirements are properly met, and that the changes are recorded properly according to the CM Plan.

Upon development of new software, tests should be written to check that the software meets the requirements defined in the SRS Document.

3.2 Procedures

Errors in the software should be reported back to the appropriate software development team, either the View or Model team. Issues will be tracked through GiTea, which all team members will have access to.

3.3 Documents and Feedback

The SQA team will produce software audits which will document any issues with how software is being produced, tracked, and made available to the customers.

The software project team will be provided the results of the audits and will be also receive results from testing in order to make any fixes necessary in a timely manner.