Email Security Scanner

Validation Plan

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1. Document Approval:

    Not required

2. Document Revision History:

    Version 1.0 – Initial Document

3. Table of Contents

4. Overview

4.1 Purpose

The purpose of this Validation Plan is to provide a Process for Validating the Security Violation Scanner for Email.

This Includes the methods for Validating said product, a system description, and user acceptance criteria.

4.2 Scope

The Scope of this Validation is limited to the Security Violation Scanner for Email and the valdiation will be limited to all requirements in the Requirements Document.

4.3 Risk Assessment

A Risk Assessment Analysis should be performed to determine the impact the product will have on the users.

Adverse Impact on the Workspace Functionality:

In theory there should be no Adverse affects on the workspace. The Program utilizes a Database that will be stored in a secure location and does not directly impact any processes utilised by any other software. Assuming the program is used the only impact it would have is the time spent checking an email before sending it.

Adverse Impact on Confidential Terms:

The risk for the confidential terms being obtained by outside parties is deemed to be inversely proportional to the Security of SHA-512 and highly dependent on the security of where the database is stored. At this time we deem the risk to be low due to the assumed optimal security measures for the database, as well as the security of the hashing functions detailed in the Hashing whitepaper.

5. Validation Planning

5.1 Validation Strategy

Our Validation Strategy involves risk analysis, unit testing and gui functionality tests. We deemed these tests to be sufficient to perform due to the minimal documentation requirements given to us. Risk analysis seemed like a good idea due to the high importance of the security of confidential terms. The unit testing and gui functionality tests will provide an accurate assessment of whether the program functions as it's intended to or not.

5.2 Roles and Responsibilities

Team Member	Role	Responsibilities

Dan Smith	Product Owner	*
Michael Bayruns	Scrum Master	*
Chris Porch	Dev Team	Designed all testing proceedures *
Chris Deck	Dev Team	*
Tom Miller	Dev Team	*
Steve Leonetti	Dev Team	*

*General Testing = Each member ensures any of the code they program has unit testing and functions as intended

5.3 Validation Sequence of Events

No distinct sequence of Validation

5.4 Validation Deliverables

Requirements Document

Design Document

Validation Plan/ Tracability Matrix

Testing Plan

Implementation Plan

6.
Acceptance Criteria

6.1
User Acceptance

Completion of the Validation as described in this document will constitute User Acceptance.

6.2
Documentation Managment

Any documents produced by this Validation plan will be submitted to the client should they be requested.