Software Acceptance Test Report

Project: Assistive Vision
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Reviewed by: Graduate Teaching Assistant (GTA)
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1. Overview

This document certifies that the comprehensive acceptance testing performed on the software has met all the predetermined functional and quality criteria. The tests conducted have validated that the application behaves as expected, and its performance, usability, security, and stability meet the high standards required.

2. Acceptance Test Criteria

The acceptance tests were designed to verify the following key aspects:

- **Functionality:** All features perform according to the defined specifications.

- **Performance:** The software exhibits acceptable response times and stability under expected usage conditions.

- **Usability:** The user interface and experience meet usability standards.

- **Security:** All security protocols and measures are in place without any critical vulnerabilities.

- **Integration:** Smooth operation with existing systems and data integrity checks.

- **Documentation:** Comprehensive records and user guides accompany the software deliverables.

3. Test Execution and Results

A series of tests were executed to validate the software:

- **Unit and Integration Tests:** Ensured that individual components function correctly both in isolation and when combined.

- **Automated Regression Tests:** Confirmed that recent changes did not adversely affect existing functionality.

- **Performance & Stress Testing:** Validated that the software operates within acceptable performance parameters under various load conditions.

- **User Acceptance Testing (UAT):** Real-world scenarios were simulated to verify that the software meets end-user expectations.

- **Security and Compliance Testing:** Verified that the system adheres to industry-standard security protocols and compliance requirements.

Test Outcome: All tests have been passed. Detailed test logs, defect summaries, and performance reports are archived and available for further review upon request.

4. Conclusion and Acceptance

Based on the testing carried out, it is confirmed that:

- The software meets the functional specifications.

- The quality metrics and performance benchmarks are satisfactory.

- All critical and major test cases have been successfully executed with no outstanding issues.

The outcomes of the acceptance tests demonstrate that the software is ready for deployment.

Certification

I, the undersigned Graduate Teaching Assistant (GTA), hereby acknowledge that the acceptance test results for the software project have been thoroughly reviewed. The functionality and quality standards have been verified in accordance with the requirements.

Signature of GTA

Name: Kumuda Krishnappa

Date: 04/11/2025

Signature: Kumuda K