

TEST PLAN & USER ACCEPTANCE TEST (UAT) SUMMARY

Project Name: AI-Based Document Analysis & Reporting System

Document Type: Test Plan & UAT Summary

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1. Test Plan

1.1 Test Objective

The objective of testing is to validate that the AI-Based Document Analysis & Reporting System functions as intended, meets defined requirements, and produces reliable outputs for end users.

1.2 Test Scope

Testing covers document upload, text extraction, AI-based analysis, report generation, dashboard visualization, and data export functionality.

1.3 Test Types

- Functional Testing
- Integration Testing
- Usability Testing
- User Acceptance Testing (UAT)

1.4 Test Environment

The system was tested in a local development environment using Streamlit with sample business documents.

1.5 Test Scenarios

- Verify document upload for supported formats
- Validate AI-generated summaries and insights
- Check risk and sentiment classification
- Generate daily and weekly reports
- Validate export of analysis data

2. User Acceptance Testing (UAT) Summary

2.1 UAT Objective

The objective of UAT is to ensure that the system meets business expectations and provides meaningful insights for decision-making.

2.2 UAT Participants

As this is an independently executed project, UAT was performed by the project owner simulating the role of a business user.

2.3 UAT Results

All critical features were tested and validated successfully. The system generated accurate summaries, identified risks, and produced readable reports.

2.4 UAT Sign-Off

The system is accepted for intended use based on successful completion of UAT.