

# **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.