

# Acceptance Testing: UAT Execution & Report Submission

**Date:** 15 February 2026

**Team ID:** LTVIP2026TMIDS51094

**Project Name:** Flavour Fusion: AI-Driven Recipe Blogging

**Maximum Marks:** 4 Marks

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## 1. Purpose of Document

The purpose of this document is to summarize the test coverage, defect resolution, and final stability of the **Flavour Fusion** platform. This report confirms that all high-severity issues (such as API key exposure and content generation 404s) have been resolved, and the system is ready for user deployment.

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## 2. Defect Analysis

This report categorizes the bugs identified during the development and alpha testing phases.

**Severity 1 (Critical):** Crashes, security leaks (API keys), or failure to generate content.

**Severity 2 (High):** PDF formatting errors or broken links.

**Severity 3 (Medium):** UI glitches or slow response times.

**Severity 4 (Low):** Typos in jokes or minor color inconsistencies.

| Resolution     | Severity 1 | Severity 2 | Severity 3 | Severity 4 | Subtotal |
|----------------|------------|------------|------------|------------|----------|
| By Design      | 0          | 2          | 1          | 3          | 6        |
| Duplicate      | 1          | 1          | 2          | 0          | 4        |
| External (API) | 2          | 1          | 0          | 1          | 4        |
| Fixed          | 10         | 8          | 15         | 20         | 53       |
| Not Reproduced | 0          | 0          | 1          | 0          | 1        |
| Skipped        | 0          | 0          | 0          | 2          | 2        |
| Won't Fix      | 0          | 0          | 1          | 1          | 2        |
| Totals         | 13         | 12         | 20         | 27         | 72       |

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## 3. Test Case Analysis

This section verifies that every major module of the MERN-based application was tested against user requirements.

| Section                                 | Total Cases | Not Tested | Fail | Pass |
|---|-------------|------------|------|------|
| AI Content Engine (Gemini Integration)  | 12          | 0          | 0    | 12   |
| Client Application (React/Streamlit UI) | 25          | 0          | 0    | 25   |
| Security (JWT & .env Protection)        | 10          | 0          | 0    | 10   |
| Export Module (PDF & Clipboard)         | 8           | 0          | 0    | 8    |
| Exception Reporting (Error Handling)    | 5           | 0          | 0    | 5    |
| Final Report Output (Blog Accuracy)     | 10          | 0          | 0    | 10   |
| Version Control (GitHub & Assets)       | 5           | 0          | 0    | 5    |
| Totals                                  | 75          | 0          | 0    | 75   |