

Acceptance Testing

UAT Execution & Report Submission

Date	16 February 2026
Team ID	LTVIP2026TMIDS24988
Project Name	Civil Engineering Insight Studio
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to summarize the test coverage, defect status, and open issues of the Civil Engineering Insight Studio at the time of release for User Acceptance Testing (UAT).

This document provides insight into:

- Functional testing coverage
- Defect resolution status
- Test case execution results
- Overall system stability before deployment

2. Defect Analysis

Section	Total Cases	Not Tested	Fail	Pass
User Interface (Streamlit UI)	10	0	0	10
AI Structural Analysis (Gemini API)	12	0	1	11
Report Formatting & Display	8	0	0	8
Input Validation & Error Handling	6	0	0	6
Performance & Response Time	4	0	0	4
Total	40	0	1	39

Defect Resolution Summary

This report shows the number of resolved or closed bugs at each severity level and how they were resolved.

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
Fixed	2	3	4	3	12
By Design	0	1	1	1	3
Duplicate	0	0	1	0	1
Not Reproduced	0	0	1	0	1

Won't Fix	0	1	0	0	1
Totals	2	5	7	4	18

Severity Definitions:

- Severity 1: Critical (Application crash / API failure)
- Severity 2: Major functionality issue
- Severity 3: Minor functionality issue
- Severity 4: UI / Cosmetic issue

3. Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested.

Module	Total Cases	Fail	Pass
Image Upload & Validation	8	0	8
AI Structural Report Generation	12	1	11
Report Formatting & Display	6	0	6
UI Rendering & Interaction	7	0	7
Performance & Response Time	4	0	4
Error Handling	3	0	3
Total	40	1	39