

Acceptance Testing UAT Execution & Report Submission

Date	27 February 2026
Team ID	LTVIP2026TMIDS66231
Project Name	IntelliSQL: Intelligent SQL Querying with LLMs using Gemini Pro
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to explain the test coverage, defect status, and overall system readiness of the IntelliSQL – Intelligent SQL Querying with LLMs using Gemini Pro application at the time of release for User Acceptance Testing (UAT). IntelliSQL enables users to query relational databases using natural language, leveraging Google's Gemini Pro large language model to translate English queries into accurate SQL statements. This document confirms that the system meets user requirements, handles diverse query scenarios accurately, and is ready for deployment.

2. Defect Analysis

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
By Design	0	0	1	0	1
Duplicate	0	1	0	0	1
External	0	0	0	0	0
Fixed	1	3	4	3	11
Not Reproduced	0	0	1	0	1
Skipped	0	0	0	0	0
Won't Fix	0	0	0	0	0
Totals	1	4	6	3	14

3. Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested across all functional and non-functional areas of the IntelliSQL system.

Section	Total Cases	Not Tested	Fail	Pass
Natural Language to SQL Conversion	7	0	0	7
Gemini Pro API Integration	5	0	0	5
Database Connectivity & Query Execution	5	0	0	5
User Interface & Input Handling	4	0	0	4
Result Display & Formatting	4	0	0	4
Error Handling & Edge Cases	4	0	0	4
Performance & Response Time	3	0	0	3
Security (API Key & SQL Injection)	3	0	0	3
Total	35	0	0	35