Acceptance Testing
UAT Execution & Report Submission

Date	20 February 2026
Team ID	LTVIP2026TMIDS52185
Project Name	Intelligent SQL Querying with LLMs Using Gemini Pro
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to summarize the User Acceptance Testing (UAT) results for the Intelli SQL project. This report outlines: □ 　　　Test coverage
• 　Defect analysis
• 　Test case results
• 　System stability status
• 　Readiness for deployment
The document confirms that Intelli SQL meets functional, performance, and security requirements before final release.

2. Defect Analysis

This section summarizes identified defects during UAT and their resolution status.

Severity Levels:

• 　**Severity 1** – Critical (System crash, major functionality failure)

• 　**Severity 2** – High (Important feature malfunction)

• 　**Severity 3** – Medium (Minor issue affecting usability)

• 　**Severity 4** – Low (Cosmetic or enhancement issue)

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
Fixed	2	3	4	5	14
By Design	0	1	2	2	5
Duplicate	0	0	1	0	1
Not Reproduced	0	0	1	0	1
In Progress	0	1	1	0	2
Totals	**2**	**5**	**9**	**7**	**23**

3. Test Case Analysis

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

Section	Total Cases	Not Tested	Fail	Pass
Natural Language to SQL Conversion	15	0	1	14
Query Execution & Validation	10	0	0	10
Dashboard & Reports	8	0	0	8
Security & Access Control	5	0	0	5
Performance Testing	7	0	1	6
Error Handling	5	0	0	5
Total	**50**	**0**	**2**	**48**

Pass Percentage
Pass Rate = (48 / 50) × 100
= **96% Success Rate**

Performance Summary
- Average Response Time: 2.8 seconds
- Accuracy Rate: 95%
- Average Confidence Score: 93%
- System Stable Under Moderate Load
- No Security Breaches Detected

Exception Reporting
During testing, the following exceptions were logged:
- Slight delay for complex multi-table JOIN queries
- Minor delay when loading large dashboard datasets

All critical defects have been resolved. Minor performance optimization is ongoing.

Final UAT Status
Core functionality validated
Security checks passed
Dashboard filters functioning correctly
Natural language query generation reliable
No open critical issues

Final Sign-Off
Tester Name: Mohammad Nadeem Ahmed
Date: 21 February 2026
Status: Approved for Deployment

The Intelli SQL system has successfully passed User Acceptance Testing with a 96% pass rate and no critical defects. The system demonstrates high reliability, accuracy, and performance stability. It is ready for deployment with minor performance optimizations planned for future releases.