Acceptance Testing
UAT Execution & Report Submission

Date	February 18, 2026
Team ID	LTVIP2026TMIDS80425
Project Name	Smart Bridge – Intelligent SQL Querying
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the **Smart Bridge – Intelligent SQL Querying** project at the time of the release to User Acceptance Testing (UAT).

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	1	1	0	2
Duplicate	0	0	1	0	1
External	1	0	0	0	1
Fixed	3	4	2	1	10
Not Reproduced	0	0	0	1	1
Skipped	0	0	0	0	0
Won't Fix	0	1	0	0	1
Totals	**4**	**6**	**4**	**2**	**16**

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
NL Query Processing	8	0	0	8
Schema Viewer	4	0	0	4
API Endpoints	6	0	0	6
AI SQL Generation	10	0	0	10
Error Handling	5	0	0	5
UI/UX & Responsiveness	6	0	0	6
Security (Read-only)	3	0	0	3
Totals	**42**	**0**	**0**	**42**

4. UAT Test Cases – Detailed

TC	Test Case	Test Steps	Expected	Result	Status
UAT-01	Home page loads	Open app in browser	Dark-themed UI with query panel and schema sidebar visible	As expected	PASS
UAT-02	Schema displays tables	Check sidebar on load	4 tables listed: customers, products, orders, order_items	As expected	PASS
UAT-03	Expand table columns	Click on "customers" table	Columns shown: id, first_name, last_name, email, city	As expected	PASS
UAT-04	Simple NL query	Type "Show all products" and submit	SQL generated, all products shown in table	As expected	PASS
UAT-05	Complex NL query	Type "Top 5 customers by total spending"	SQL with JOIN & GROUP BY, top 5 results shown	As expected	PASS
UAT-06	Generated SQL displayed	Submit any valid query	SQL shown in code block above results	As expected	PASS
UAT-07	AI explanation shown	Submit any valid query	Natural language explanation of the SQL	As expected	PASS
UAT-08	Empty query error	Submit with empty input	Error message shown	As expected	PASS
UAT-09	DELETE blocked	Type "Delete all orders"	System refuses, shows safe response	As expected	PASS
UAT-10	Loading indicator	Submit a query	Loading animation shown during processing	As expected	PASS
UAT-11	Responsive layout	Resize browser window	Layout adjusts, no overflow or clipping	As expected	PASS
UAT-12	API docs accessible	Navigate to /docs	Swagger UI displayed with all endpoints	As expected	PASS

5. UAT Sign-Off

Role	Name	Status
Team Leader	C Chaithanya Prasad	Approved
Tester	K Dinesh	Approved
Tester	Karnam Vidhyasree	Approved
Tester	Bharath Kumar	Approved
Tester	Parlapalli Khandith Kumar Reddy	Approved

UAT Conclusion: All 42 test cases passed. The application meets the acceptance criteria and is approved for release.