Acceptance Testing
UAT Execution & Report Submission

Date	15 february 2026
Team ID	LTVIP2026TMIDS26163
Project Name	Explore with AI: Custom Itineraries for Your Next Journey
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to provide a summary of the User Acceptance Testing (UAT) conducted for the project "Explore with AI: Custom Itineraries for Your Next Journey.".

This document outlines the overall test coverage, functionality validation, performance verification, and defect status at the time of release. It ensure that the AI-based travel itinerary generation system meets the defined functional and non-functional requirements.

The report confirms that:

- User inputs (destination, days, nights) are validated correctly
- AI-generated itineraries are accurate and structured properly
- PDF download functionality works as expected
- API integrations (Gemini API, image API) function succesfully
- The system performs efficiently under normal usage conditions

This document serves as formal confirmation that the system is ready for deployment and end-user usage.

2. Defect Analysis

This section summarizes the defects identified during development and testing of the AI Travel Itinerary Generator, categorized by severity levels.

Severity Levels:

- **Severity 1 (Critical):** Application crash, API failure, system not usable
- **Severity 2 (Major):** Incorrect itinerary generation, PDF errors
- **Severity 3 (Medium):** Input validation errors, formatting issues
- **Severity 4 (Low):** UI alignment, minor text inconsistencies

Defect Summary Table					
Resolution	**Severity 1**	**Severity 2**	**Severity 3**	**Severity 4**	**Subtotal**
Fixed	2	3	4	5	14
Duplicate	0	1	1	0	2
External (API)	1	1	0	0	2
By Design	0	0	2	3	5
Not Reproduced	0	0	1	0	1
Skipped	0	0	0	1	1
Won't Fix	0	0	1	0	1
Totals	**3**	**5**	**9**	**9**	**26**

Test Case Analysis

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

Section	Total Cases	Not Tested	Fail		Pass
Print Engine	7	0	0	0	7
Client Application	51	0	0	0	51
Security	2	0	0	0	2
Outsource Shipping	3	0	0	0	3
Exception Reporting	9	0	1	8	8
Final Report Output	4	0	0	4	4
Version Control	2	0	0	1	2
Totals	78	0	1	1	77