

Functional & Performance Testing Template

Model Performance Test

Date	20 February 2026
Team ID	LTVIP2026TMIDS52031
Project Name	Explore with AI: Custom Itineraries for Your Next Journey
Maximum Marks	

Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Text Input Validation (Destination & Interests)	Enter valid destination like "Paris" and invalid input like empty field	Valid destination accepted, warning for empty input	Application accepts valid destination and shows warning when field is empty	Pass
FT-02	Number Input Validation (Days & Nights)	Enter valid numbers (3,4) and invalid values (0 or negative)	Accepts valid values, shows warning for invalid range	Valid numbers accepted, warning displayed for invalid values	Pass
FT-03	Itinerary Generation	Enter all inputs and click "Generate Itinerary"	Day-wise itinerary generated based on user input	Personalized itinerary generated correctly	Pass
FT-04	API Connection Check	Check if API key is correct and model responds	API responds and returns generated content	API successfully generated itinerary (when quota available)	Pass
PT-01	Response Time Test	Measure time after clicking generate	Itinerary should generate within 3–5 seconds	Response generated within acceptable time	Pass
PT-02	API Speed Test	Trigger multiple requests quickly	System should handle requests or show proper error	System shows quota message after limit reached	Pass