

## Functional & Performance Testing

### Model Performance Test

Date	25 February 2026
Team ID	LTVIP2026TMIDS73330
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	Destination Input Validation	Leave destination empty and click "Generate"	System should show validation error	Error message displayed correctly	Pass
FT-02	Days Input Validation	Enter 0 or negative number of days	System should reject invalid input	Validation message shown	Pass
FT-03	Nights Input Validation	Enter negative value for nights	System should reject invalid input	Validation message shown	Pass
FT-04	AI Content Generation	Enter valid destination, days, nights and click Generate	System generates structured travel itinerary	Itinerary generated correctly	Pass
FT-05	API Connection Check	Verify API key configuration and trigger generation	API should respond successfully	API response received	Pass
FT-06	Error Handling	Temporarily disconnect internet and test generation	System should show user-friendly error	Error handled gracefully	Pass

PT-01	Response Time Test	Generate itinerary and measure response time	Should respond within acceptable time (<5 seconds depending on API)	Response time within limit	Pass
PT-02	Multiple Request Handling	Generate itineraries consecutively	System should process without crashing	Handled smoothly	Pass
PT-03	Large Input Handling	Enter long destination name and maximum days	System should still generate itinerary properly	Output generated correctly	Pass

