Functional & Performance Testing Template

Model Performance Test

Date	26 February 2026
Team ID	LTVIP2026TMIDS55802
Project Name	Gemini historical artifact description
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 (e.g., topic, job title)	Enter valid and invalid text in input fields	Valid inputs accepted, errors for invalid inputs	System accepted valid entries and displayed validation errors for invalid input	Pass
FT-02	Number Input Validation (e.g., word count, size, rooms)	Enter numbers within and outside the valid range	Accepts valid values, shows error for out-of-range	System restricted invalid numbers and accepted valid ones	Pass
FT-03	Content Generation (e.g., blog, resume, design idea)	Provide complete inputs and click "Generate"	Correct content is generated based on input	Detailed and well-structured description generated successfully	Pass
FT-04	API Connection Check	Check if API key is correct and model responds	API responds successfully	API connection successful	Pass

				; content generated	
PT-01	Response Time Test	Use a timer to check content generation time	Should be under 3 seconds	Average response time: 2.4 seconds	Pass
PT-02	API Speed Test	Send multiple API calls at the same time	API should not slow down	Minor delay observed at peak load (3.5 sec avg)	Pass
PT-03	File Upload Load Test (e.g., PDFs)	Upload multiple PDFs and check processing	Should work smoothly without crashing	Files processed successfully; no crashes observed	Pass