

Functional & Performance Testing Template

Model Performance Test

Date	21 February 2025
Team ID	LTVIP2026TMIDS61478
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	Valid text accepted. Error message displayed for empty or special-character-only 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	Accepts values between allowed range. Displays error for negative or very large numbers.	Pass
FT-03	Content Generation (e.g., blog, resume, design idea)	Provide complete inputs and click "Generate"	Correct content is generated based on input	Content generated correctly according to given input details.	Pass

FT-04	API Connection Check	Check if API key is correct and model responds	API responds successfully	API connected successfully and returned response.	Pass
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	System handled 5 parallel requests with minor delay (2.8s avg).	Pass
PT-03	File Upload Load Test (e.g., PDFs)	Upload multiple PDFs and check processing	Should work smoothly without crashing	Uploaded 10 PDFs successfully without system crash.	Pass