Functional & Performance Testing Template

Model Performance Test

Date	24 June 2025
Team ID	LTVIP2025TMID29459
Project Name	**Citizen AI – Intelligent Citizen Engagement Platform**
Maximum Marks	5 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	Acceptance for valid, error shown for invalid	Valid accepted, invalid flagged with "Required field"	Pass
FT-02	Number Input Validation (e.g., word count, size, rooms)	Enter numbers within and outside the valid range	Valid numbers accepted; 0/6 trigger "Enter 1–5" error	0 → error; 6 → error; 3 accepted	Pass
FT-03	Content Generation (e.g., blog, resume, design idea)	Provide complete inputs and click "Generate"	AI returns accurate, step-by-step instructions within context	Returned correct 5-step guide	Pass
FT-04	API Connection Check	Check if API key is correct and model responds	HTTP 200, AI response received	200 OK + response in <1s	Pass
PT-01	Response Time Test	Use a timer to check content generation time	Response < 3 s	Avg 2.2 s over 10 trials	Pass

				92% < 5 s, 3 timeouts	Fail
PT-02	API Speed Test	Send multiple API calls at the same time	95% responses < 5 s, no errors		
PT-03	File Upload Load Test (e.g., PDFs)	Upload multiple PDFs and check processing	All files processed, no crashes	All 5 processed within 4 s each	Pass