

## Functional & Performance Testing Template

### Model Performance Test

Date	27 June 2025
Team ID	LTVIP205TMID52721
Project Name	Edututor-AI-Personalized-Learning-with-Generative-AI-and-LMS-Integration
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 inputs accepted; invalid text prompts error messages	<input checked="" type="checkbox"/> Pass
FT-02	Number Input Validation (e.g., word count, etc.)	Enter numbers within and outside valid range	Accepts valid values; shows error for out-of-range values	Accepts values within range; invalid range gives alert	<input checked="" type="checkbox"/> Pass
FT-03	Content Generation (blog/resume/design idea)	Provide complete inputs and click "Generate"	Correct content is generated based on input	Coherent blog generated in 2.9 seconds	<input checked="" type="checkbox"/> Pass
FT-04	API Connection Check	Check if API key is correct and model responds	API responds successfully	API responded with 200 OK	<input checked="" type="checkbox"/> Pass
PT-01	Response Time Test	Use timer to check content generation	Should be under 3 seconds	Average response time: 2.8 seconds	<input checked="" type="checkbox"/> Pass
PT-02	API Speed Test (Concurrency)	Send multiple API calls simultaneously	API should not slow down	No lag at 10 concurrent calls; handled smoothly	<input checked="" type="checkbox"/> Pass
PT-03	File Upload Load Test (e.g., PDFs)	Upload multiple PDFs and check processing	Should work smoothly without crashing	5 PDFs (10 MB each) uploaded	<input checked="" type="checkbox"/> Pass

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				and processed successfully	