

## Functional & Performance Testing Template

### Model Performance Test

Date	26 JUNE 2025
Team ID	LTVIP2025TMID29997
Project Name	CITIZEN AI
Maximum Marks	

### Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT01	Text Input Validation	Enter valid and invalid text in input fields	Valid inputs accepted, errors for invalid	Accepted valid inputs; rejected special characters	Pass
FT02	Number Input Validation	Enter numbers within and outside valid range	Accepts valid values, shows error	Error shown when word count > 2000	Pass
FT03	Content Generation	Provide inputs and click "Generate"	Correct content generated	Generated Python code matched requirements	Pass
FT04	API Connection Check	Check API key and model response	API responds successfully	Failed initially (resolved after API key correction)	Pass
PT01	Response Time Test	Time content generation process	Under 3 seconds	Average response time: 2.8 seconds	Pass
PT02	API Speed Test	Send multiple concurrent API calls	No performance slowdown	20% slowdown observed with more than 10 concurrent calls	Fail
PT03	File Upload Load Test	Upload multiple PDFs simultaneously	Smooth processing of all files	All PDFs processed simultaneously	Pass