

## Functional & Performance Testing Template

### Model Performance Test

Date	26 JUNE 2025
Team ID	LTVIP2025TMID37665
Project Name	SMART SDLC
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	Enter valid/invalid text in input fields	Valid inputs accepted, errors for invalid	Accepted valid inputs; rejected special chars	Pass
FT-02	Number Input Validation	Enter numbers within/outside valid range	Accepts valid values, shows error	Error shown for word count >2000	Pass
FT-03	Content Generation	Provide inputs and click "Generate"	Correct content generated	Generated Python code matched requirements	Pass
FT-04	API Connection Check	Check API key and model response	API responds successfully	Failed initially (fixed after key correction)	Pass
PT-01	Response Time Test	Time content generation	Under 3 seconds	Average: 2.8s	Pass
PT-02	API Speed Test	Send multiple concurrent API calls	No slowdown	20% slowdown with 10+ calls	Fail

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
PT-03	File Upload Load Test	Upload multiple PDFs simultaneously	Smooth processing	All pdfs are processed simultaneously	Pass