

Functional & Performance Testing Template

Date	03 June 2025
Team ID	LTVIP2025TMID33353
Project Name	HealthAI: Intelligent Healthcare Assistant Using IBM Granite
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., symptoms, chat input)	Enter valid symptoms and incorrect/random text into input fields	Valid inputs accepted, errors for invalid inputs	Valid symptoms processed; error shown for empty or gibberish input	✓ Pass
FT-02	Number Input Validation (e.g., age, pulse)	Enter numbers within and outside the valid range	Accepts valid values, shows error for out-of-range	Valid values accepted; out-of-range triggered errors	✓ Pass
FT-03	Content Generation (e.g., symptom-based prediction)	Provide complete inputs and click 'Generate'	Correct content is generated based on input	Generated accurate disease prediction and suggestions	✓ Pass
FT-04	Model Connection Check	Check if local Model is correct and model responds	Model responds successfully	Model verified; Granite LLM responded	✓ Pass
PT-01	Response Time Test	Use a timer to check content generation time	Should be under 3 seconds	Avg. response time: 2.2 seconds	✓ Pass
PT-02	Model Speed Test	Send multiple Model calls at the same time	Model should not slow down	Handled 10 simultaneous requests	✓ Pass

				smoothly	
PT-03	File Upload Load Test (e.g., PDFs)	Upload multiple PDFs and check processing	Should work smoothly without crashing	Noo	NOT Needed