Functional & Performance Testing Template
Model Performance Test

Date	27 June 2025
Team ID	LTVIP2025TMID59196
Project Name	HealthAI – Intelligent HealthCare Assistant
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 (All tabs: Patient Chat, etc.)	Enter valid and invalid text into input fields	Accepts valid inputs; invalid inputs handled or give AI response	Inputs accepted	✅ (Pass)
FT-02	Number Input Validation (Not applicable directly)	Try entering numbers-only or symbols in textboxes	AI should still respond; not restricted to numeric ranges	AI responds	✅ (Pass)
FT-03	Content Generation (All responses from model)	Provide sample questions, symptoms, and conditions → Click buttons to	Relevant and context-based AI responses generated	AI gives valid output	✅ (Pass)

		get responses			
FT-04	API Connection Check	Use valid Hugging Face token → Test if model loads and responds	Model loads successfully and responds to prompt	Model responds	☑ (Pass)
PT-01	Response Time Test	Enter prompt and measure time for response generation	Should generate reply within ~3 seconds on Hugging Face infra	2.1–2.8s response	☑ (Pass)
PT-02	API Speed Test	Trigger multiple users/tabs to ask queries at once	API/model should not crash or slow drastically	Maintains speed	☑ (Pass)
PT-03	File Upload Load Test	⚠ Not implemented	✘ Not applicable	Not present	✘ (Fail)