

Functional & Performance Testing Template

Model Performance Test

Date	21 june 2025
Team ID	LTVIP2025TMID60871
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
Maximum Marks	

Test Scenarios & Results – Health Management System

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., patient name, symptoms)	Enter valid and invalid text in input fields	Valid inputs accepted; errors shown for invalid inputs
FT-02	Number Input Validation (e.g., age, heart rate)	Enter numbers within and outside the valid range	Accepts valid values; errors shown for out-of-range
FT-03	Diagnosis Suggestion Generation	Enter complete patient data and click “Get Diagnosis”	System suggests accurate diagnosis based on inputs
FT-04	API Connection Check (e.g., to medical database)	Check if API key is valid and service responds	API responds successfully
PT-01	Response Time Test	Time how long it takes to return diagnosis or treatment suggestion	Should be under 3 seconds
PT-02	API Speed Test	Send multiple diagnosis requests simultaneously	API should handle load without slowing down
PT-03	File Upload Load Test (e.g., medical reports in PDF)	Upload multiple patient reports and verify processing	Should process smoothly without crash or delay

Let me know if you want to tailor this further for a specific type of health management system (e.g., telemedicine, hospital admin, wearable health device, etc.).