# **Functional & Performance Testing Template**

**Model Performance Test**

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| 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.).