# **Functional & Performance Testing Template**

**Model Performance Test**

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| Date | 16 june 2025 |
| Team ID | LTVIP2025TMID41921 |
| Project Name | Health ai Intelligent healthcare assistant using ibm granite |
| Maximum Marks |  |

## **Test Scenarios & Results**

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| **Test Case ID** | **Scenario (What to test)** | **Test Steps (How to test)** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **FT-01** | Symptom Input Validation | Enter valid and invalid health symptoms in input fiel | Valid inputs accepted, errors for invalid inputs |  |  |
| **FT-02** | User Age and Health Metrics Validatio | Enter numbers within and outside the valid range | Accepts valid values, shows error for out-of-range |  |  |
| **FT-03** | Health Advice Generatio | Provide complete inputs and click "Generate" | Correct content is generated based on input |  |  |
| **FT-04** | IBM Granite API Connection | Check if API key is correct and model responds | API responds successfully |  |  |
| **PT-01** | Medical Term Simplificatio | Use a timer to check content generation time | Should be under 3 seconds |  |  |
| **PT-02** | Assistant Response Tim | Send multiple API calls at the same time | API should not slow down |  |  |
| **PT-03** | PDF Medical Report Upload and Analysi | Upload multiple PDFs and check processing | Should work smoothly without crashing |  |  |