# **Functional & Performance Testing Template**

**Model Performance Test**

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| Date | 26 JULY 2025 |
| Team ID | LTVIP2025TMID59973 |
| Project Name | Citizen AI – Intelligent Citizen Engagement Platform |
| 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** | Text Input Validation (e.g., user name, query) | Enter valid (e.g., "Water Issue") and invalid (e.g., "!!!@@@") queries in the input field | Valid inputs accepted; invalid inputs show error | Valid accepted, invalid rejected with error message | Pass |
| **FT-02** | Number Input Validation (e.g., complaint ID, age) | Enter valid (e.g., 12345) and out-of-range or negative numbers in numeric fields | Accepts valid values, shows error for out-of-range | Correctly validates all numeric input | Pass |
| **FT-03** | Request Submission (e.g., raise a ticket) | Provide full details (e.g., name, issue type, location), click “Submit” | Ticket created and confirmation shown | Ticket generated with confirmation message | Pass |
| **FT-04** | API Connection Check | Check API key setup and test communication with backend services | API responds with a valid acknowledgment | API connection successful, valid response received | Pass |
| **PT-01** | Response Time Test  (e.g., acknowledgement display) | Submit a service request and measure response time. | Response shown within 3 sec | Response time measure at 2.1 sec | Pass |
| **PT-02** | API Speed Test(stress test under multiple requests) | Send multiple requests concurrently (e.g.,50+ submissions at once) | No significant delay or timeouts observed | All requests handled successfully under 3.5 sec | Pass |
| **PT-03** | File Upload Load Test (OUTPUT) | Uploaded multiple PDFs and check processing | Working smoothly without crashing | All the docx are working properly | Pass |