# **Functional & Performance Testing Template**

**Model Performance Test**

| Date | 21 February 2025 |
| --- | --- |
| Team ID | LTVIP2025TMID59424 |
| Project Name | Citizen AI – Intelligent Citizen Engagement Platform |
| 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 (e.g., feedback text)** | **Enter valid and empty feedback messages** | **Accepts valid input; shows error on empty** | **Handled correctly** | **✅ Pass** |
| **FT-02** | **Sentiment Classification Accuracy** | **Submit sample positive, negative, and neutral feedback** | **Each should be classified correctly** | **Labels match expected sentiment** | **✅ Pass** |
| **FT-03** | **Chatbot Response Flow** | **Ask common queries like "How to get PAN card?"** | **Provides relevant rule-based or AI-based reply** | **Correct replies shown** | **✅ Pass** |
| **FT-04** | **API Connection Check (OpenAI / Granite)** | **Check if AI key is correct and models respond** | **Returns successful response from API** | **Responds correctly with sentiment** | **✅ Pass** |
| **FT-05** | **Feedback Storage Test** | **Submit feedback and check database entry** | **Entry should appear in feedback table with timestamp** | **Stored correctly in SQLite** | **✅ Pass** |