Functional & Performance Testing Template

# Model Performance Test – Citizen AI

Date: 27 June 2025

Team ID: LTVIP2025TMID30362

Project Name: Citizen AI – Intelligent Citizen Engagement Platform

Maximum Marks:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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., complaint title, citizen name) | Enter valid and invalid text in citizen form fields | Valid inputs accepted; invalid ones show error messages | Valid inputs accepted; invalid ones show error messages | Pass |
| FT-02 | Number Input Validation (e.g., mobile number, ward number) | Enter valid/invalid numeric values | Valid numbers accepted; invalid or out-of-range rejected | Valid numbers accepted; invalid or out-of-range rejected | Pass |
| FT-03 | Feedback Submission | Submit feedback with all required fields | System stores feedback and confirms submission | System stores feedback and confirms submission | Pass |
| FT-04 | Document Generator Input Test | Provide different template options and inputs | Generates document matching | Generates document matching | Pass |
| FT-05 | Policy Summarizer Output | Submit large policy document | Returns concise and accurate summary | Returns concise and accurate summary | Pass |
| FT-06 | Dashboard Data Accuracy | Load analytics or service dashboard | Should display real-time or accurate statistical data | Should display real-time or accurate statistical data | Pass |
| PT-01 | Response Time – Content Generation | Measure time to generate policy summary/document/response | Should respond in under 3 seconds | Should respond in under 3 seconds | Pass |
| PT-02 | Concurrent Requests – API Load Test | Send multiple requests from different users simultaneously | API should handle concurrent requests without timeout | API should handle concurrent requests without timeout | Pass |
| PT-03 | File Upload Load Test (e.g., complaint proof PDFs/images) | Upload multiple files for one complaint case | Should accept and process all files smoothly | Should accept and process all files smoothly | Pass |
| PT-04 | Resilience – Interrupted Network | Submit form or document with interrupted internet connection | Should show error and allow retry or auto-resume | Should show error and allow retry or auto-resume | Pass |
| PT-05 | Mobile Compatibility Test | Use all features from different mobile devices and screen sizes | All functions should work properly without layout issues | All functions should work properly without layout issues | Pass |