

Functional & Performance Testing Template

Model Performance Test

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID59932 |
| 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., topic, job title) | Enter valid and invalid text in input fields | Valid inputs accepted, errors for invalid inputs | | |
| FT-02 | Number Input Validation (e.g., word count, size, rooms) | Enter numbers within and outside the valid range | Accepts valid values, shows error for out-of-range | | |
| FT-03 | Content Generation (e.g., blog, resume, design idea) | Provide complete inputs and click "Generate" | Correct content is generated based on input | | |
| FT-04 | API Connection Check | Check if API key is correct and model responds | API responds successfully | | |
| PT-01 | Response Time Test | Use a timer to check content generation time | Should be under 3 seconds | | |
| PT-02 | API Speed Test | Send multiple API calls at the same time | API should not slow down | | |
| PT-03 | File Upload Load Test (e.g., PDFs) | Upload multiple PDFs and check processing | Should work smoothly without crashing | | |