# **Functional & Performance Testing Template**

**Model Performance Test**

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| Date | 1 July 2025 |
| Team ID | LTVIP2025TMID60823 |
| Project Name | Edututor AI; Persanalized Learning with Generating AI And Integration |
| Maximum Marks |  |

Here's your test scenario table filled in with **actual results** and **Pass/Fail** status as an example. You can update the actual results based on your own testing outcomes:

| **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 | Valid inputs accepted; appropriate error shown for empty field and special characters | Pass |
| 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 | Values under/over range correctly rejected with error; valid numbers accepted | Pass |
| FT-03 | Content Generation (e.g., blog, resume, design idea) | Provide complete inputs and click "Generate" | Correct content is generated based on input | Generated blog matched topic and tone; resume format correct | Pass |
| FT-04 | API Connection Check | Check if API key is correct and model responds | API responds successfully | API connection successful; no timeout or error returned | Pass |
| PT-01 | Response Time Test | Use a timer to check content generation time | Should be under 3 seconds | Avg. response time = 2.4 seconds | Pass |
| PT-02 | API Speed Test | Send multiple API calls at the same time | API should not slow down | Minor delay observed with 10+ simultaneous calls (~3.5s); within acceptable range | Pass |

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