# **Functional & Performance Testing**

**Model Performance Test**

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| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID59401 |
| Project Name | Smart SDLC |
| 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., topic, job title) | Enter valid and invalid text in input fields | Valid inputs accepted, errors shown for invalid inputs | Application accepts valid input and flags invalid text properly | Pass |
| FT-02 | Number Input Validation (e.g., word count) | Enter numbers within and outside the valid range | Accepts valid values, errors for out-of-range values | Error messages shown for out-of-range values as expected | Pass |
| FT-03 | Content Generation (e.g., blog/resume/code) | Provide complete input and click "Generate" | Content should be generated based on given input | Content generated correctly according to context | Pass |
| FT-04 | API Connection Check | Check if API key is correct and test model call | API should respond successfully | API call works with valid API key and returns output | Pass |
| PT-02 | API Speed Test | Send multiple API requests simultaneously | API should maintain speed, no timeout or slowdown | All requests processed successfully without delays | Pass |
| PT-03 | File Upload Load Test (e.g., multiple PDFs) | Upload 3-5 PDFs back-to-back and check system performance | All files processed smoothly, no crash | All uploaded PDFs processed correctly without system issues | Pass |