**Functional & Performance Testing**

**Model Performance Test**

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| Date | 12 April 2025 |
| Team ID | SWTID1742751842 |
| Project Name | ShopEZ: One-Stop Shop for Online Purchases |
| 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 for invalid inputs | Valid inputs generated content; invalid entries showed proper error messages | 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 | Accepts numbers in range; error shown for out-of-range values | Pass |
| **FT-03** | Content Generation (e.g., blog, resume, design idea) | Provide complete inputs and click "Generate" | Correct content is generated based on input | Accurate content generated matching the input context | Pass |
| **FT-04** | API Connection Check | Check if API key is correct and model responds | API responds successfully | Connection stable; API responded on every call | Pass |
| **PT-01** | Response Time Test | Use a timer to check content generation time | Should be under 3 seconds | Average response time: 2.4 seconds | Pass |
| **PT-02** | API Speed Test | Send multiple API calls at the same time | API should not slow down | API handled 5+ concurrent calls without delay or failure | Pass |
| **PT-03** | Image Upload Load Test (Admin-Product Images) | Upload multiple PDFs and check processing | Images should upload quickly without delay or errors. The product should be created successfully, and images should display correctly in product listings. | Admin uploaded multiple high-res images without delay or crash. Product was created successfully, and images displayed correctly... | Pass |