# **Functional & Performance Testing Template**

**Model Performance Test**

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| Date | 21 February 2025 |
| Team ID | LTVIP2025TMID55069 |
| Project Name | Shopez - One-stop shop for online purchases |
| 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., product name) | Enter valid and invalid text in product input fields | Valid inputs accepted, errors for invalid inputs | Valid inputs accepted, error shown for invalid | Pass |
| **FT-02** | Number Input Validation (e.g., price, quantity) | Enter numbers within and outside valid range | Accepts valid values, shows error for out-of-range | Accepted valid values, error for out-of-range | Pass |
| **FT-03** | Cart Functionality | Add multiple products to cart and check total | Correct total calculated, cart updates properly | Total calculated correctly, cart updates as expected | Pass |
| **FT-04** | API Connection Check | Check API requests to /api/products and /api/cart | API responds successfully | API responded with 200 status | Pass |
| **PT-01** | Response Time Test | Use a timer to check product list load time | Should load under 3 seconds | Product list loads in ~2 seconds | Pass |
| **PT-02** | API Speed Test | Send multiple API calls (add to cart, fetch products simultaneously) | API should not slow down | No noticeable delay, responses < 500ms | Pass |
| **PT-03** | File Upload Load Test (Product Images) | Upload large product images (up to 5MB) | Should upload without crashing | Images uploaded successfully | Pass |