

Functional & Performance Testing Template
Model Performance Test

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| Date | 10 February 2026 |
| Team ID | LTVIP2026TMIDS91008 |
| Project Name | AutoSage App Using Gemini Flash |
| Maximum Marks | 3 Marks |

Test Scenarios & Results

| Test Case ID | Scenario (What to test) | Test Steps (How to test) | Expected Result | Actual Result | Pass/Fail |
|--------------|-----------------------------|--|---|---|-----------|
| FT-01 | Image Upload Validation | Upload valid (jpg, png) and invalid (pdf, txt) files | Valid image formats accepted, invalid formats rejected with error message | System accepted valid images and rejected invalid formats correctly | Pass |
| FT-02 | Image Size Validation | Upload large size image beyond limit | System should restrict large file or process without crash | System handled image without crashing | Pass |
| FT-03 | Vehicle Analysis Generation | Upload vehicle image and click "Analyze" | Structured vehicle details (brand, model, mileage, price) generated | Vehicle details generated correctly | Pass |
| FT-04 | API Connection Check | Use valid and invalid Gemini API key | Valid key connects successfully; invalid key shows error | API responded correctly; error shown for invalid key | Pass |

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|-------|-----------------------|--|---|--|------|
| FT-05 | Output Display | Check if generated details are clearly displayed | Structured, readable output visible on screen | Output displayed in organized format | Pass |
| PT-01 | Response Time Test | Upload image and measure processing time | Response time should be under 5 seconds | Response generated within acceptable time | Pass |
| PT-02 | Multiple Request Test | Upload images multiple times sequentially | System should not crash or freeze | Application handled repeated requests smoothly | Pass |