

Functional & Performance Testing Template

Model Performance Test

Date	21 February 2026
Team ID	LTVIP2026TMIDS71395
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

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