

Functional & Performance Testing Template

Model Performance Test

Date	18 Feb 2026
Team ID	LTVIP2026TMIDS80588
Project Name	TransLingua: AI-Powered Multi-Language Translator
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	Document Upload Validation	Upload a valid PDF and an invalid file type (e.g., .exe).	Valid PDF is accepted; error message shown for .exe.	As expected	Pass
FT-02	Language Selection	Select "Telugu" from the dropdown and upload an English PDF	AI translates text into Telugu specifically	As expected	Pass
FT-03	Multimodal OCR (Vision)	Upload an image of a street sign/text via the "Vision" tab.	AI extracts text from the image accurately.	As expected	Pass
FT-04	Gemini API Connectivity	Click "Translate" to trigger the Gemini 3 Flash call	API responds with translated content successfully	As expected	Pass
PT-01	Response Time Test	Time the translation of a 5-page technical PDF.	Total processing time should be under 10 seconds	8.5 seconds	Pass
PT-02	API Rate Limit (Stress)	Send 5 simultaneous translation requests	System handles requests without "429 Quota" errors.	As expected	Pass

PT-03	Large File Load Test	Upload a high-resolution, 20MB PDF document	System processes file smoothly without browser crash	As expected	Pass
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