# Functional & Performance Testing Template

## Model Performance Test

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| Date | 18 February 2026 |
| Team ID | LTVIP2026TMIDS49772 |
| Project Name | TransLingua: AI-Powered Multi-Language Translator |
| 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 | Text Input Validation | Enter valid text and try submitting with empty input | Valid input accepted, error shown for empty input | As Expected | Pass |
| FT-02 | Language Selection Validation | Select source and target languages, try leaving one unselected | System shows validation warning if languages not selected | As Expected | Pass |
| FT-03 | AI Translation Generation | Enter text and click "Translate"" | Context-aware translated text generated correctly | As Expected | Pass |
| FT-04 | Gemini API Connection Check | Trigger translation with valid API key | API responds successfully and returns translation | As Expected | Pass |
| FT-05 | Copy-to-Clipboard Feature | Generate translation and click copy button | and click copy button Translated text copied successfully | As Expected | Pass |
| PT-01 | Response Time Test | Measure time after clicking generate | Translation generated within 3–5 seconds | Within Limit | Pass |
| PT-02 | Multiple Request Handling | Perform multiple translations sequentially | Application handles requests without crash | Stable | Pass |
| PT-03 | Deployment Test | Access deployed app via browser | Application loads and works correctly online | Working | Pass |