

Test Summary Report – Google Translate

Project/Application	Google Translate (https://translate.google.com/)
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1. Introduction

This Test Summary Report provides an overview of the QA activities carried out for Google Translate (<https://translate.google.com/>). The objective of testing was to validate core translation functionalities across text, speech, document, handwriting, saving and history features to ensure accuracy, usability, and reliability.

2. Test Objectives

- Validate that Google Translate correctly handles multiple types of inputs (text, speech, document, handwriting, gibberish).
- Ensure translated outputs are accurate, consistent, and aligned with expectations.
- Identify defects, limitations, or usability issues in core features.

3. Test Scope

3.1 In-Scope:

- Functional testing of
 - Text Translation
 - Speech Translation
 - Image/ File Translation
 - Image/ File Translation
 - Website Translation
 - Handwriting
 - Language Auto-Detection
 - Text-to-Speech
 - Authentication
 - Translation Saving
 - Translation History

- Feedback Sharing
- Basic usability checks

3.2 Out-of-Scope:

- Google account creation
- Translation for languages except Sinhala / Tamil / English
- Browser extension-based translation
- Non-functional UI aesthetics
- Stress Testing and performance testing
- API-only translation

4. Test Environment

- **Application:** Google Translate (Web)
- **URL:** <https://translate.google.com/>
- **Browser:** Google Chrome Version 140.0.7339.80 on Windows 10, Google Chrome Version Chrome 138.0.7204.179 on Android 12
- **Internet:** Stable connection

5. Test Execution Summary

Metric	Count
Total Test Cases Designed	56
Total Test Cases Executed	56
Passed	50
Failed	6
Blocked/Not Executed	0
Defects Raised	6

6. Defect Summary

Bug ID	Feature	Summary	Severity
001	Text Translation	Additional words are appended when translating numerical inputs	Medium
002	Speech Translation	Speech input misidentified when wrong source language selected	Medium
003	File/ Image Translation	Inaccurate PDF translations	Medium
004	Handwriting	When unclear random symbols are drawn/ doodled, they are identified as valid characters	Low
005	Text Translation	Gibberish text produces false translation	Medium
006	Text Translation	Numbers with long sequences of a repeated digit are truncated/incorrect	High

7. Observations & Limitations

- Translation quality varies with file type (PDF less accurate).
- Gibberish/random input produces misleading translations or unwanted additional words.
- Numbers ending with long sequences of a repeated digit often get misinterpreted, while other large numbers with mixed digits remain correct in the translation.
- Speech recognition depends strictly on the selected source language.
- Handwriting recognition attempts to force-interpret symbols, leading to inaccurate suggestions.

8. Conclusion & Recommendations

- The system successfully handles standard text translations and common use cases, but identified issues may reduce user trust in accuracy in specific cases.
- Recommendations:
 - Improve number handling logic.
 - Provide clearer error handling for gibberish/random inputs.
 - Enhance document (PDF) parsing to improve translation accuracy.

Overall Quality Status :

The application is functional and usable, but some edge cases and accuracy issues require attention.