

Project : Google Translate Testing
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1. Introduction

The purpose of this document is to summarize the results of the manual testing conducted on the Google Translate application. This includes an overview of the test objectives, scope, environment, executed test cases, and found defects.

2. Test Objectives

The main objectives of the testing were:

- To validate the accuracy of translations between English, Sinhala, and Tamil.
 - To ensure the correct functionality of UI elements.
 - To assess the performance of the translation feature.
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3. Test Scope

The scope of the testing covered:

- Translation accuracy
 - UI elements functionality
 - Performance testing
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4. Test Environment

- **Browser** : Google Chrome (Version 126.0.6478.127)
 - **Operating System:** Windows 10 Pro
 - **URL** : [Google Translator](#)
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5. Test Summary

Category	Total	Passed	Failed
Test Cases	16	11	5
Defects Found	5	N/A	N/A

6. Test Results

The following table summarizes the test case execution results:

Test Case ID	Description	Status	Notes
TC001	Validate translation from English to Sinhala	Pass	
TC002	Validate translation from Tamil to English	Pass	
TC003	Validate translation from Sinhala to English	Pass	
TC004	Validate translation from English to Tamil	Pass	
TC005	Validate translation of a sentence from English to Sinhala	Pass	Different phrasing but correct meaning
TC006	Validate translation of a sentence from Tamil to English	Pass	Different phrasing but correct meaning

TC007	Validate translation accuracy for a complex sentence (English to Sinhala)	Pass	
TC008	Validate translation accuracy for a complex sentence (Tamil to English)	Pass	
TC009	Validate UI elements (input/output boxes visibility)	Pass	
TC010	Validate performance (translation time)	Fail	Translation time exceeded acceptable limits
TC011	Validate translation from English to Sinhala for long text	Fail	Incorrect translation
TC012	Validate translation from Tamil to English for idiomatic phrases	Fail	Incorrect translation
TC013	Validate translation accuracy for technical terms (English to Sinhala)	Pass	
TC014	Validate translation accuracy for technical terms (Tamil to English)	Pass	
TC015	Validate translation from Sinhala to Tamil	Fail	Incorrect translation
TC016	Validate performance (large volume translation)	Fail	Application crash

7. Defect Summary

The following table summarizes the defects found during the testing:

Defect ID	Description	Severity Level	Status	Notes
DF001	Incorrect translation of complex phrase	Major	Open	Incorrect translation from English to Sinhala
DF002	Incorrect translation of idiom	Major	Open	Incorrect translation from English to Tamil
DF003	Incorrect translation for long text	Major	Open	Incorrect translation from English to Sinhala
DF004	Incorrect translation for idiomatic phrases	Major	Open	Incorrect translation from Tamil to English
DF005	Application crash during large volume translation	Critical	Open	Application crashed while translating a large volume of text

8. Conclusion

The manual testing of the Google Translate application revealed a generally high level of accuracy in translations and proper functioning of UI elements. However, five major defects were identified, including issues with complex phrases, idiomatic expressions, long texts, and performance under high load. These issues have been documented and reported for further investigation and resolution.

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