

Test Summary Report: Google Translate QA Testing

1. Project Overview

Project Name: Google Translate QA Testing
Test Objective: To validate the accuracy, functionality, and performance of Google Translate when translating between **English**, **Sinhala**, and **Tamil**.

2. Test Summary

Item	Details
Test Cycle Duration	5 days
Test Environment	- Ubuntu OS - Browsers: Chrome, Firefox
Test Types	- Functional Testing - UI/UX Testing - Performance Testing - Negative Testing
Languages Tested	- Sinhala - Tamil - English

3. Test Results Overview

Total Test Cases	Executed	Passed	Failed	Blocked
26	26	24	02	00

4. Detailed Test Case Results

Test Case Doc :

https://docs.google.com/spreadsheets/d/15zowuYhljUD3RZGOQubv9cll2jzfdRNWGITh_ZuGP9Y/edit?gid=0#gid=0

Test Case ID	Test Case Description	Status	Remarks
TC001	Verify the translation of a single word from English to Sinhala.	Pass	
TC002	Verify the translation of a single word from English to Tamil.	Pass	
TC003	Verify the translation of a sentence from Sinhala to English.	Pass	
TC004	Verify the translation of a sentence from Sinhala to Tamil.	Pass	
TC005	Verify can translation of a sentence from Tamil to Sinhala	Pass	
TC006	Verify can translation of a sentence from Tamil to English	Pass	
TC007	Verify transliteration feature when translating English to Sinhala.	Pass	
TC008	Verify that language selection drop-down displays all supported languages.	Pass	
TC009	Verify that the "swap languages" button works correctly between Sinhala and English.	Pass	
TC010	Verify that Google Translate handles empty input without crashing.	Pass	
TC011	Verify that previous translations are saved in history for later access.	Pass	
TC012	Verify that previous translations are saved in saved items for later access.	Pass	
TC013	Verify the speed of translation for a sentence from Sinhala to English.	Pass	
TC014	Verify the speed of translation for a sentence from Tamil to English.	Pass	
TC015	Verify that copy-paste of text from an external source into the input box	Fail	The copy and paste

	works correctly.		option and translation for sentences from a PDF format were inaccurate.
TC016	Verify the speech-to-text input feature for English.	Pass	
TC017	Verify the "clear input" button works correctly.	Pass	
TC018	Verify can translate images for all 3 languages	Pass	
TC019	Verify can translate documents for all 3 languages	Fail	The system was unable to translate documents.
TC020	Verify can translate websites for all 3 languages	Pass	
TC021	Verify that more than 5000 words cannot be entered per page.	Pass	
TC022	Verify that a proper popup message is displayed when trying to add more than 5000 words.	Pass	
TC023	Verify that input tool option is working for all the languages	Pass	
TC024	Verify that handwriting tool is working for English language	Pass	
TC025	Verify that Turn on or off input option is working for Sinhala language	Pass	
TC026	Verify that Turn on virtual keyboard option is working for Tamil language	Pass	

5. Defect Summary

Defect ID	Description	Severity	Status	Remark
DEF15	When I tried to copy and paste a Sinhala paragraph from an external pdf document, it displayed incorrect results.(same as Tamil language)	Major	Open	The copy and paste option and translation for sentences from a PDF format were inaccurate.

DEF19	When trying to translate large documents (2MB), the translate button keeps loading indefinitely, and when translating smaller documents (168 KB), it displayed incorrect results	Major	Open	The system was unable to translate documents.
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6. Test Coverage

The test cases covered the following aspects:

- **Functional Testing:** Focused on translating words and sentences between Sinhala, Tamil, and English.
- **UI/UX Testing:** Validated language selection, language swapping, and history features.
- **Performance Testing:** Assessed the speed of translations, especially for longer sentences.
- **Negative Testing:** Checked how the system handled empty inputs and invalid entries.

7. Issues and Risks

- **Inaccurate Translations:** When I tried to copy and paste a Sinhala paragraph from an external pdf document, it displayed incorrect results.(Same as Tamil Language)
- **When trying to translate documents, the translate button keeps loading indefinitely:** When trying to translate large documents (2MB), the translate button keeps loading indefinitely, and when translating smaller documents (168 KB), it displays incorrect results.

8. Recommendations

- **Translation Accuracy Improvement:** Investigate and fix the translation engine for Tamil-to-Sinhala translations.
 - **Performance of the Translating:** When trying to translate documents, the translate button keeps loading indefinitely.
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9. Conclusion

Overall, the functionality of **Google Translate** between English, Sinhala, and Tamil performed well, with most test cases passing. A few issues were found, mainly related to translation inaccuracies, which should be addressed to ensure a smoother user experience. The system met the performance criteria for translation speed, and UI elements behaved as expected.

10. Sign Off

Role	Name	Signature	Date
Test Lead			
QA Engineer			
Project Manager			
