Google Translate Test Summary report

Introduction

Google Translate is a multilingual translation service developed by Google, designed to facilitate communication and understanding across different languages. It has become one of the most widely used translation tools globally. It offers various functionalities, including:

1. **Text Translation**: Translates text input from one language to another. It supports over 100 languages and offers translations in real-time.
2. **Voice Translation**: Allows users to speak into their device to translate spoken language. This is particularly useful for conversations in different languages.
3. **Image Translation**: Uses the device's camera to translate text found in images, such as signs, menus, and documents. The feature supports instant camera translation and import of images for translation.
4. **Handwriting Translation**: Enables users to draw text characters directly on their screen, which is then translated into the selected language. This is beneficial for languages with unique scripts.
5. **Document Translation**: Allows the translation of entire documents, supporting various file formats such as PDF, Word, and more.
6. **Website Translation**: Offers a tool to translate entire web pages by simply entering the URL, making it easier to browse foreign language websites.
7. **Offline Translation**: Provides downloadable language packs for offline use, ensuring translation services are available without an internet connection.
8. **Phrasebook**: Allows users to save commonly used translations and phrases for quick access.

These functions collectively make Google Translate a versatile and accessible tool for overcoming language barriers in various scenarios, from travel and education to business and personal communication.

Objective

The objective of this test plan is to verify the accuracy, reliability of Google Translate when translating between Sinhala, Tamil, and English.languages

Scope

a) In Scope
Functional Testing to check accuracy of translation sample texts from Sinhala / Tamil / English only

b) Out of Scope

Checking accuracy of translation of other languages except from Sinhala / Tamil / English not included

 c) Items not tested

Metrics

- No. of test cases planned vs executed
- No. of test cases passed/failed

Test cases planned	Test cases executed	TCs Pass	Pass Tcs Failed
14	14	11	3

No of defects identified and their Status & Severity

	Critical	Major	Medium	Cosmetic	Total
Closed	0	0	0	0	0
Open	3	1	1		5

Types of testing performed

Performed white box testing -Tested functionalities manually

Test Environment & Tools

The following test environments will be used:
- Web browser (Chrome)
- Operating system-Windows 10
- Browser version - Google Chrome .Version 126.0.6478.127 (Official Build) (64-bit)
- Network connectivity -Wi-Fi

Lessons Learnt

Recommendations

Best Practices

Exit Criteria

a) All test cases should be executed – Yes
b) All defects in Critical, Major, Medium severity should be verified and closed – Yes.
c) Any open defects in trivial severity – Action plan prepared with expected dates of closure.

Conclusion/Sign Off

As the Exit criteria was met and satisfied as mentioned in Section 3, this application is suggested to 'Go Live' by the Testing team. Appropriate User/Business acceptance testing should be performed before 'Go Live'.