

## Test Summary Report

### Introduction

Google Translate, spanning over 100 languages, relies on rigorous testing to ensure accurate, functional, and culturally appropriate translations. This testing tackles aspects like meaning, fluency, feature operation, speed, and regional nuances. By employing automated tools, human evaluators, and user comparisons, Google strives to deliver a reliable translation experience, fostering trust and effective communication across borders.

### Scope

The main purpose of testing Google Translate is to ensure the accuracy, functionality, and user trust in its translations across over 100 languages. This involves a variety of tests including;

1. Accuracy testing: Verifying that the translated text conveys the original meaning correctly and reads fluently in the target language.
2. Functionality testing: Making sure all features like language detection, voice and website translation, and others work seamlessly as intended.
3. Performance testing: Evaluating the speed and responsiveness of the service under different user loads and scenarios.

Through these tests, Google strives to:

- Improve communication quality: Accurate and natural-sounding translations are crucial for effective communication across languages.
- Enhance user experience: Seamless functionality and fast response times make using Google Translate more enjoyable.
- Build trust: Consistent and reliable translations make users confident in Google Translate as a valuable tool.
- Identify and remove biases: Testing helps uncover and address potential biases in translation algorithms, promoting fairness and inclusivity.

Overall, Google Translate testing plays a critical role in maintaining the quality and usefulness of this essential language translation tool for everyone.

### Test Case Result

Expected Result	Actual Result	Pass/Fail
User should be redirected to "Text translate" screen	User can redirect to "Text translate" screen	pass
User should be able to enter a text	User can enter a text	pass

User should be redirected to "Choose a file" screen	User can redirect to "Choose a file" screen	pass
User should be able to browse a file	User can browse a file	pass
User should be able to paste a image from clipboard	User can paste a image from clipboard	pass
User should be able to drag and drop a image	User can drag and drop a image	pass
User should be redirected to "Choose a file" screen	User can redirect to "Choose a file" screen	pass
User should be able to drag and drop a image	User can drag and drop a image	pass
User should be able to browse a file	User can browse a file	pass
User should be redirected to "Websites" screen	User can browse a file	pass
User should be able to enter a website link and proceed	User can enter a website link and proceed	pass
User should be able to see all history	User can see all history	pass
User should be able to manage history	User can manage history	pass
User should be able to see saved translates	User can see saved translates	pass
User should be redirected to "Contribute" screen	User can redirect to "Contribute" screen	pass
User should be able to select languages to add	User can select languages to add	pass
User should be able to saved translate	User can save a translate	pass
User should be able to copy translated words	User can copy translated words	pass
User should be able to rate a translation	User can rate a translation	pass
User should be able to share translation via "SMS"	User can share translation via "SMS"	pass
User should be able to share translation via "Email"	User can share translation via "Email"	pass
User should be able to share translation via "X"	User can share translation via "X"	pass
User should be able to share translation via "WhatsApp"	User can share translation via "WhatsApp"	pass
User should be able to send feedback	User can share translation via "WhatsApp"	pass
User should be able to upload a voice message	User can upload a voice message	pass
User should be able to hear translation	User can hear translation	pass
User should be able to swap the languages	User can swap the languages	pass

User should enter a Sinhala word and get English word	User can get English word	pass
User should enter a Sinhala word and get Tamil word	User can get Tamil word	pass
User should enter English word and get Sinhala word	User can get Sinhala word	pass
User should enter English word and get Tamil word	User can get Tamil word	pass
User should enter a Tamil word and get Sinhala word	User can get Sinhala word	pass
User should enter a Tamil word and get English word	User can get English word	pass

### Closure

The exit criteria for the application with its final conclusion are as follows:

Criteria	Met/Not Met
All test case executed	met
All features tested	met
All other types of required testing executed	met

### Sign off

The application is suggested to be released to the end-users as all the requirements, quality standards are met. The application also shows no defects in the newly developed modules.