1. Introduction

1.1 Purpose:
The purpose of this document is to identify test execution results, test coverage, identified defects, defect status and any other risks

2. Test Summary

2.1 Test Execution:

- Number of test cases executed: 24
- Number of test cases passed: 23
- Number of test cases failed: 1

3. Test Results

3.1 Summary of Results:

- The majority of translations were accurate.
- One bug was identified where the translation from English to Sinhala was incorrect.

4. Test Coverage

4.1 Scenarios covered

1. Verify that the user can select 'Sinhala' from the right-side panel.
2. Verify the elements on the Google Translate web page.
3. Verify that a user can translate a single word from English to Sinhala
4. Verify that the user can clear added text using the close button
5. Users can clear added text using the delete button.
6. Verify that the user can enter text using the microphone icon.
7. Verify that the user can listen to the pronunciation of entered and translated words
8. Verify that the user can enter a misspelt word in the left-side text area and check the behaviour of the translation
9. Verify that the user can translate a sentence from English to Sinhala.
10. Verify that the user can translate a sentence containing numbers from English to Sinhala.
11. Verify that the user can use the handwriting method to enter text.
12. Verify that the user can enter up to 5000 characters in the text area.
13. Verify the enabling and disabling of buttons based on language selection.
14. Verify that the user can swap languages between the left and right panels
15. Verify that the user can use the virtual keyboard to enter text.
16. Verify that the user can input text using the virtual keyboard
17. Verify the behaviour of special characters when translating text from English to Sinhala

18. Verify the translation from English to Sinhala using handwritten input
19. Verify the "Detect Language" feature in Google Translate
20. Verify the behaviour of saving a translation
21. Verify the functionality of the 'History' icon button on Google Translate
22. Verify the image translation functionality.
23. Verify the document translation functionality.

5. Bug Summary

5.1 Bug Details:

- Bug ID: IMOD-01
- Description: Incorrect translation from English to Sinhala.
- Status: Open
- Severity: Major

6. Risks and Issues

- Bug ID: IMOD-01
- Testing is carried out only for the Chrome and Safari browsers
- Testing is carried out only in MacBook Pro machine

7. Conclusion

7.1 Overall Assessment:
The Google Translate application generally performs well with translations between Sinhala, and English. Some issues identified during the test related to incorrect behavior when translating English to Sinhala

7.2 Recommendations:

- Address the identified bug related to incorrect translation.
- Conduct further testing with more complex sentences
- Perform translation for all the special characters
- Perform test for different devices and resolutions