Test Cases – Google Translate (Text Translation)
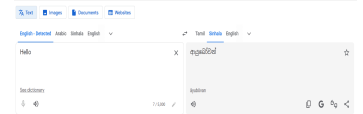
Test Case ID: TC-001

Title: Verify translation of simple english text to sinhala

Precondition:

1. Should navigate to https://translate.google.com/
2. Input Language should be set to - English
3. Output Language should be set to - Sinhala

Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter the word "Hello" in input field	Output field should display "ආයුබෝවන්"	
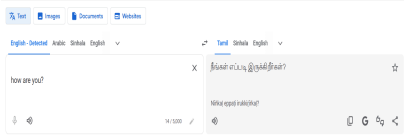
Test Case ID: TC-002

Title: Verify translation of english sentence to tamil

Precondition:

1. Should navigate to https://translate.google.com/
2. Input Language should be set to - English
3. Output Language should be set to - Tamil
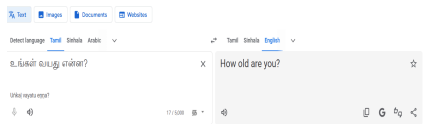
Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter the sentence "How are you?" in input field	Output field should display "நீங்கள் எப்படி இருக்கிறீர்கள்?"	

Test Case ID: TC-003

Title: Verify translation of tamil sentence to english

Precondition:

1. Should navigate to https://translate.google.com/
2. Input Language should be set to - Tamil
3. Output Language should be set to - English
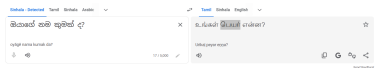
Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter the sentence "உங்கள் வயது என்ன?" in input field	The output field should display "How old are you?"	

Test Case ID: TC-004

Title: Verify translation of sinhala sentence to tamil

Precondition:

1. Should navigate to https://translate.google.com/
2. Input Language should be set to - Sinhala
3. Output Language should be set to - Tamil
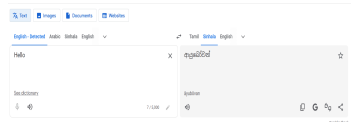
Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter the sentence "ඔයාගේ නම මුකක් ද?" in input field	The output field should display "உங்கள் பெயர் என்ன?"	

Test Case ID: TC-005

Title: Verify translation when swapping source and target languages

Precondition:

1. Should navigate to https://translate.google.com/
2. Input Language should be set to - English
3. Output Language should be set to - Sinhala

Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter the word "Hello" in input field	Output field should display "ආයුබෝවන්"	
2	Click swap languages icon	Previously translated text should move to input field and english word should move to output field	

Test Case ID: TC-006

Title: Verify that output field is read only and cannot be manually edited

Precondition:

1. Should navigate to https://translate.google.com/
2. Translation has been performed from english to sinhala

Test Steps:

Step #	Description	Expected Result	Sample Data
1	Try to click/edit the output field	Field should be read only and cannot be edited while displaying only the translated text	

Test Case ID: TC-007

Title: Verify clearing of text in input field

Precondition:

1. Should navigate to https://translate.google.com/
2. Source language should be english and target should be tamil
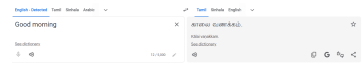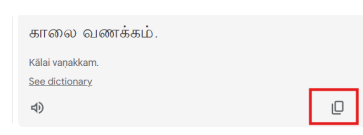
Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter text "Good morning" in input field	Text should be get translated in tamil language	
2	Click "x" button in input field	Both fields should get be cleared	

Test Case ID: TC-008

Title: Verify translation can be copied from output field successfully

Precondition:

3. Should navigate to https://translate.google.com/
4. Source language should be english and target should be tamil

Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter text "Good morning" in input field	Text should be get translated in tamil language	
2	Click copy button in output field	Translation should be copied successfully	
3	Paste the copied text on a notepad/word document	Translated text should be pasted correctly	காலை வணக்கம்.

Test Case ID: TC-009

Title: Verify handling of long text as input

Precondition:

1. Should navigate to https://translate.google.com/
2. Source language should be english and target should be sinhala

Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter a long text in the input field	Entire text should get translated in sinhala language without any missing texts	

Test Case ID: TC-010

Title: Verify handling special characters and mixed languages

Precondition:

1. Should navigate to https://translate.google.com/
2. Source language should be english and target should be sinhala/tamil

Test Steps:

Step #	Description	Expected Result	Sample Data
1	Change target language to tamil and enter symbols like "@#!$%" in input field	Same text should be displayed as output	
2	Enter mixed text "Hello සුභ උදෑසනක්"	"Hello" should also get translated to sinhala and remaining text should be preserved as it is	
3	Enter text with numbers and punctuation "I have 3 cats, do you?"	Translation should preserve the meaning and the punctuation marks	

Test Case ID: TC-011

Title: Verify input fields accepts 5000 characters without any UI issues

Precondition:

1. Should navigate to https://translate.google.com/
2. Source language should be english and target should be sinhala

Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter a long text in the input field which contains 5000 characters	All 5000 characters are displayed and translated successfully	
2	Check the translated text	Translation should be generated for all 5000 characters without any breaks and UI issues	

Test Case ID: TC-012

Title: Verify behaviour when input exceeds more than 5000 characters

Precondition:

1. Should navigate to https://translate.google.com/
2. Source language should be english and target should be sinhala

Test Steps:

Step #	Description	Expected Result	Sample Data
1	Enter a long text in the input field which contains more than 5000 characters	Only the first 5000 characters are accepted and translated	
2	Check the characters in the input field	Input displayed should be only 5000 characters and no extra content should be shown	
3	Check the translated output	Translation should be generated for the first 5000 characters	