Test Case	Test data	Expected result						
Can the program work with every platform? (i.e. Linux, Windows, MacOS)	Start the program with every platform	The program can run properly!						
Can the program connect to DB correctly?	…	…						
Page navigation testing	Button interaction on navbar	Move to every page (Changing pages)						
Input the word and see the program showing the translate output or not?	Input English Word	Translate from English-Thai correctly						
After showing the translation, can it show the synonyms that relevants?	Input English Word	Equivalent definitions of translated from English-Thai and synonyms						
History saving from the program after user input the English word	Input English Word	Save translated English-Thai to history page						
History allocation	Clear the history	The data will clear from the DB, The DB will clear both the Front-End and Back-End						
Modify word (Add English word and Thai definition)	Add English Word, Thai definition	The program will store a new data into DB						
English word is existing	Add English Word	The program will show an existing word						
Add more Thai definitions to the existing English Word	Add more Thai definitions into an existing English Word	The program will store the Thai definition into DB						
Thai definition is existing	Add more Thai definition into an existing English Word	The program will show an existing definition						
Add more English Word into an existing English Word	Add more English Word into an existing English Word	The program will store a new English Word into DB						
An English Word that added to an existing English Word is already existed	Add more English Word into an existing English Word	The program will show an existing English Word (added already)						
Delete an English Word	Input English Word	The program will delete the word from the DB						
Click on the favorite vocab	Favorite button with an existing English Word	That English word will storing into the DB						
Delete favorite word	Delete by undo favorite button	The data will clear from the DB, the DB will clear both the Front-End and Back-End						
Memory allocation	Close the program	All the memory will be cleared, after closed the program						
Memory checking	…	…						
Cache	…	…						

Objective: Our objective is for the user can input the English word and get the Thai definition as an output, as well as the English synonyms. Furthermore, the user can modify the word inside the program. Basically, this program is for every system including Linux Mac OS, and Windows.