

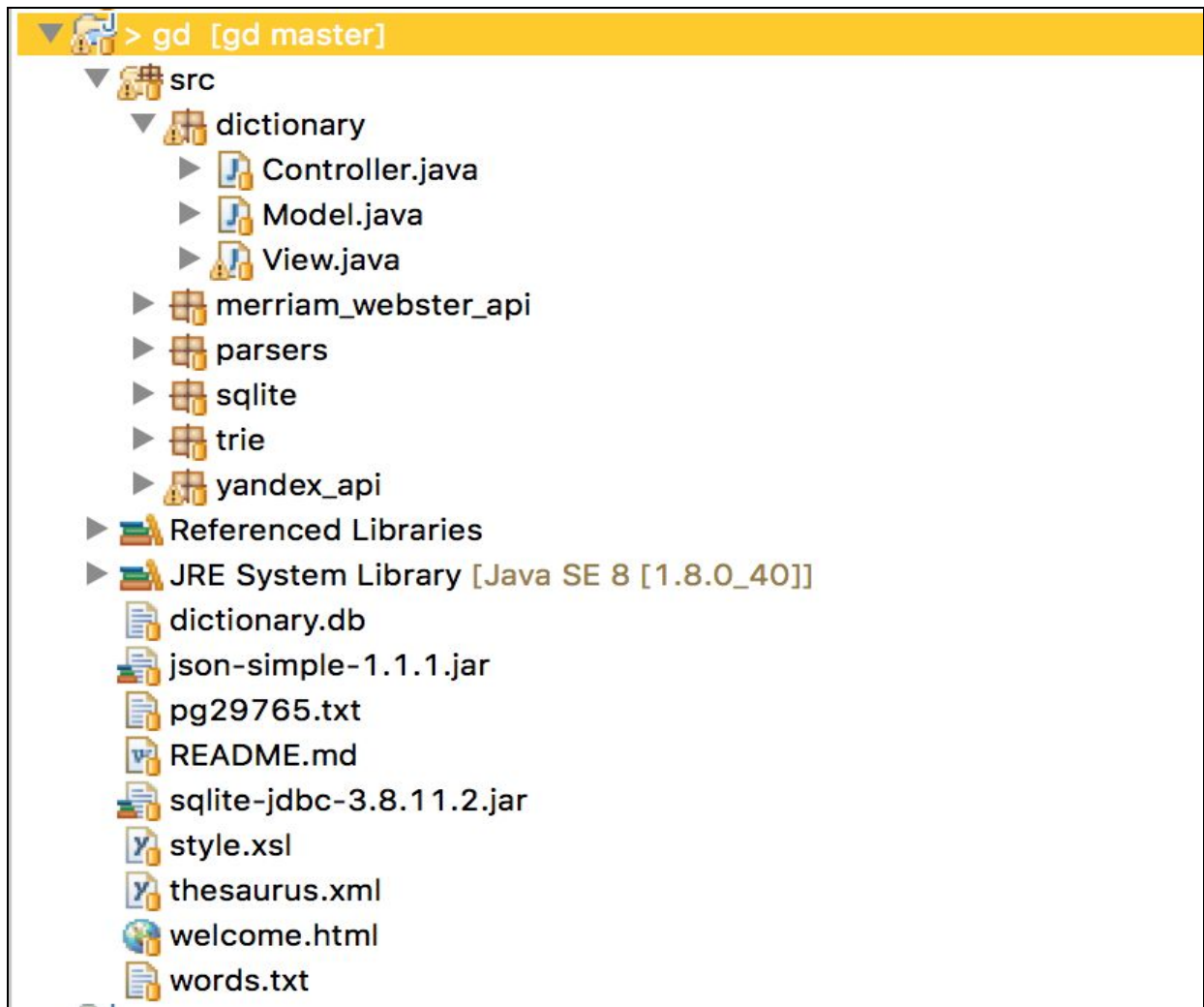
Good Dictionary (GD) User Manual

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1. *How to run our program:*

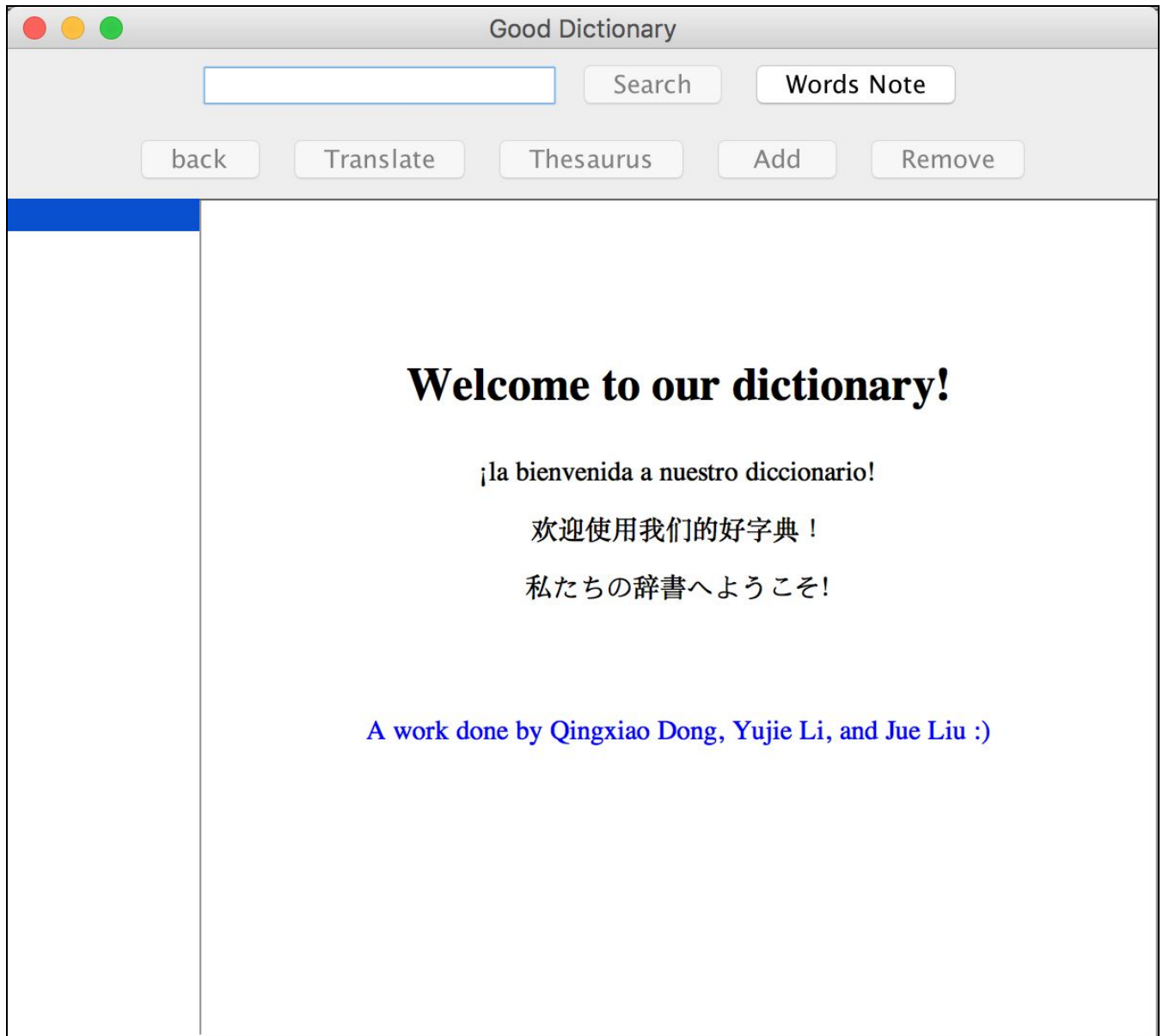
There are two ways to run our program:

- i) double click the GoodDictionary.jar file in the "/demo" folder (included in the submission) to directly run our app;
- ii) import our program ("/db" folder) into Eclipse (please make sure that the SQLite Database dictionary.db, all six packages, plus all the html, xml, xsl, txt and jar files are included) → Go to the package explorer → Open gd/src/dictionary/Controller.java → Hit Run Button:



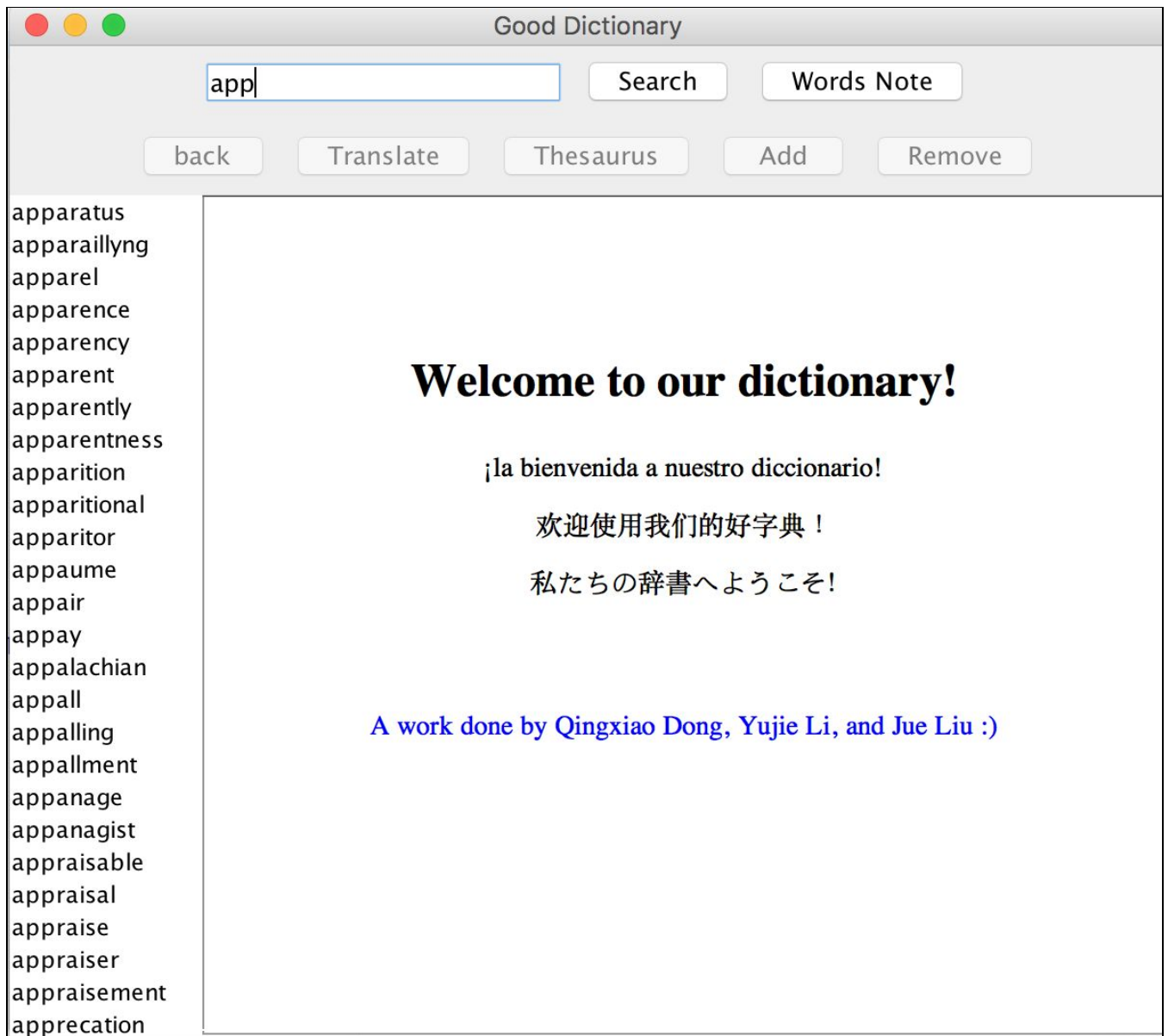
2. Welcome Page:

If our program is executed successfully, you should be able to see a welcome page displayed as the following. Then you can start using our Good Dictionary:



3. Word Prediction:

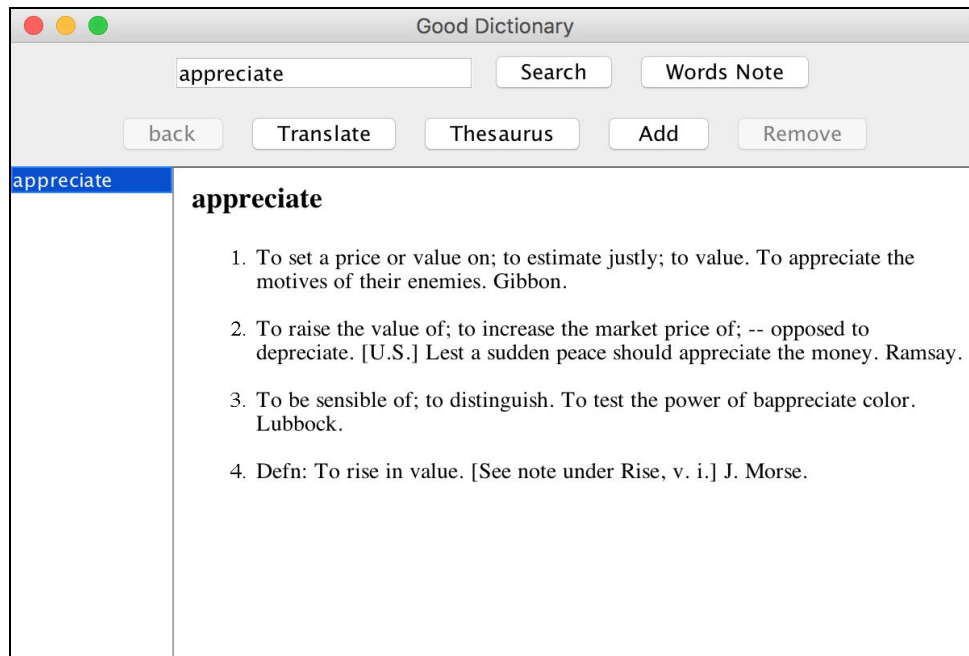
To search for a vocabulary, you can type in the text field. As soon as you start typing, GD will display the word predictions in the left sidebar, based on your input characters:



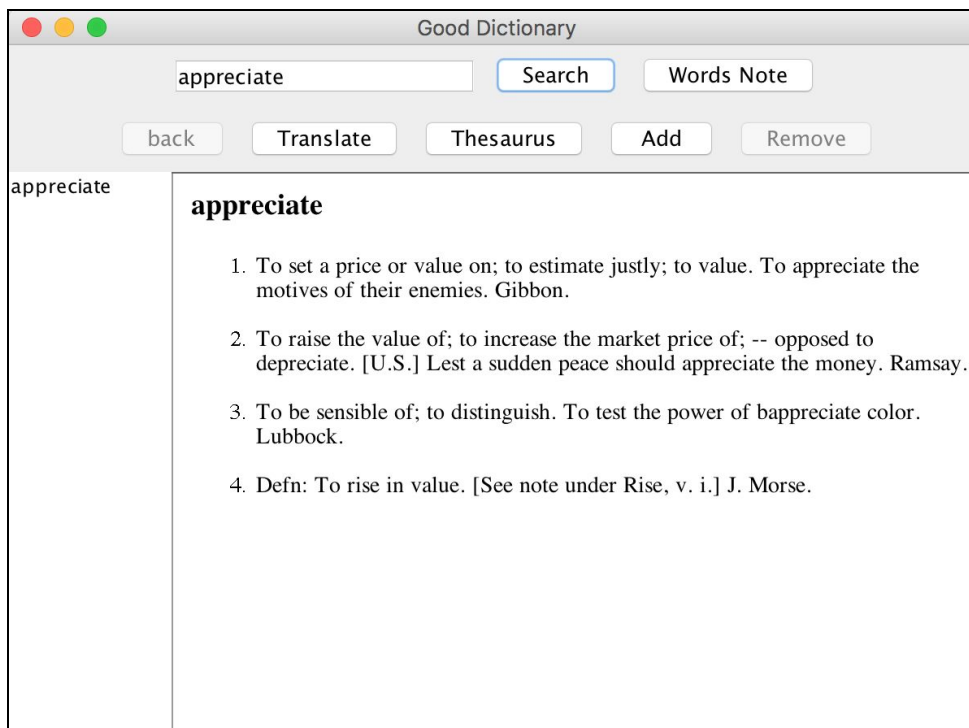
4. Search:

To see the definitions of a vocabulary, you are provided with three options: i) select a word from the left-side prediction bar; ii) click “Search” when you finish typing the word; iii) hit enter key when you finish typing the word. Then the definitions of the word will be displayed in the UI:

i)

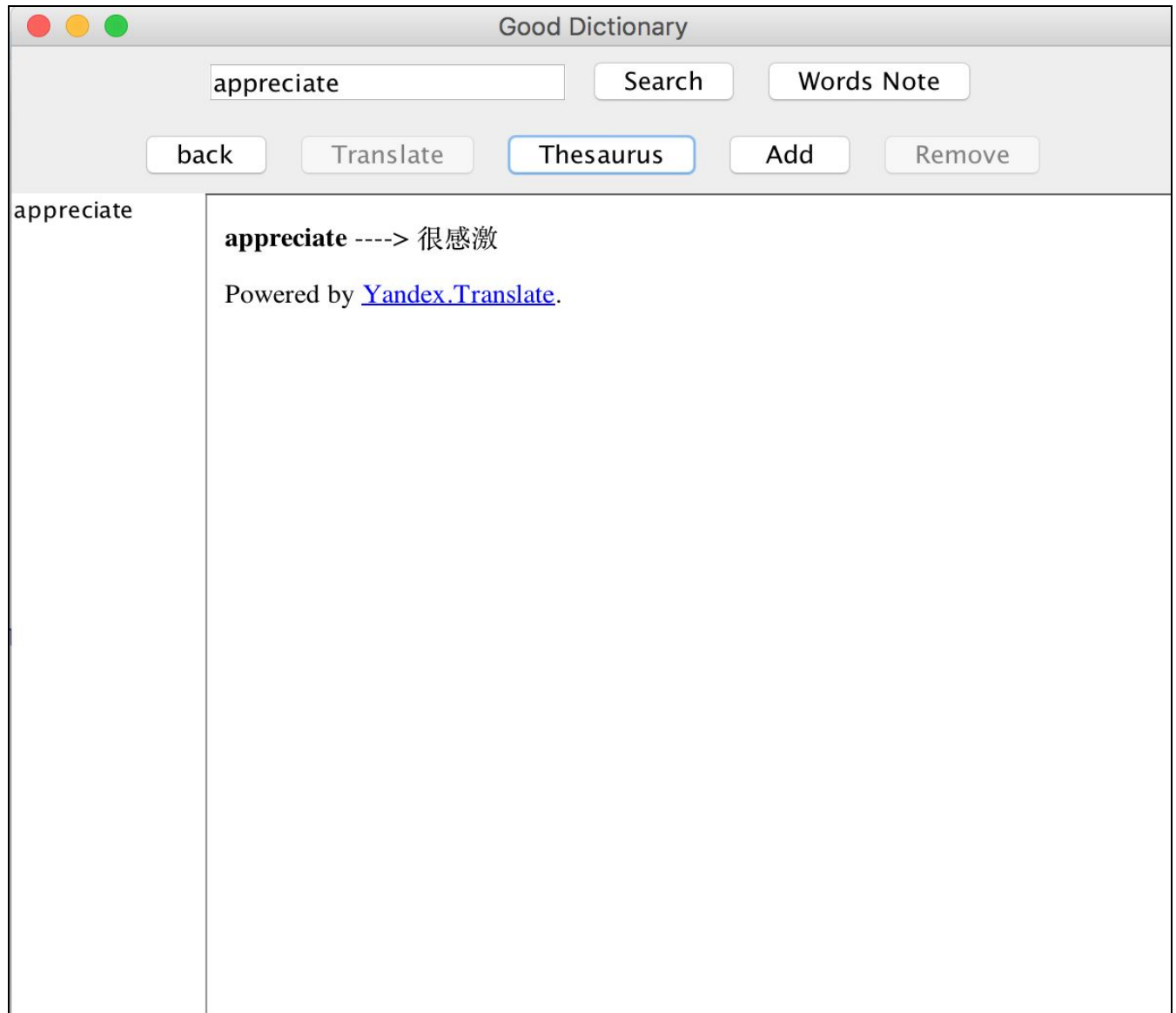


ii)



5. Chinese Translation:

To see the Chinese translation of the current vocabulary, you can click the “Translate” Button. Please note that the translate feature will only be enabled after you have searched for a valid word. The “back” Button will direct you back to the Definition section from the Translation section:



6. Thesaurus (Synonyms & Antonyms):

To see the Thesaurus which contains the synonyms/antonyms of the current vocabulary, you can click the “Thesaurus” Button. Please note that, similar to the translate feature, the Thesaurus feature will only be enabled after you have searched for a valid word. The “back” Button will direct you back to the Definition section from the Thesaurus section:

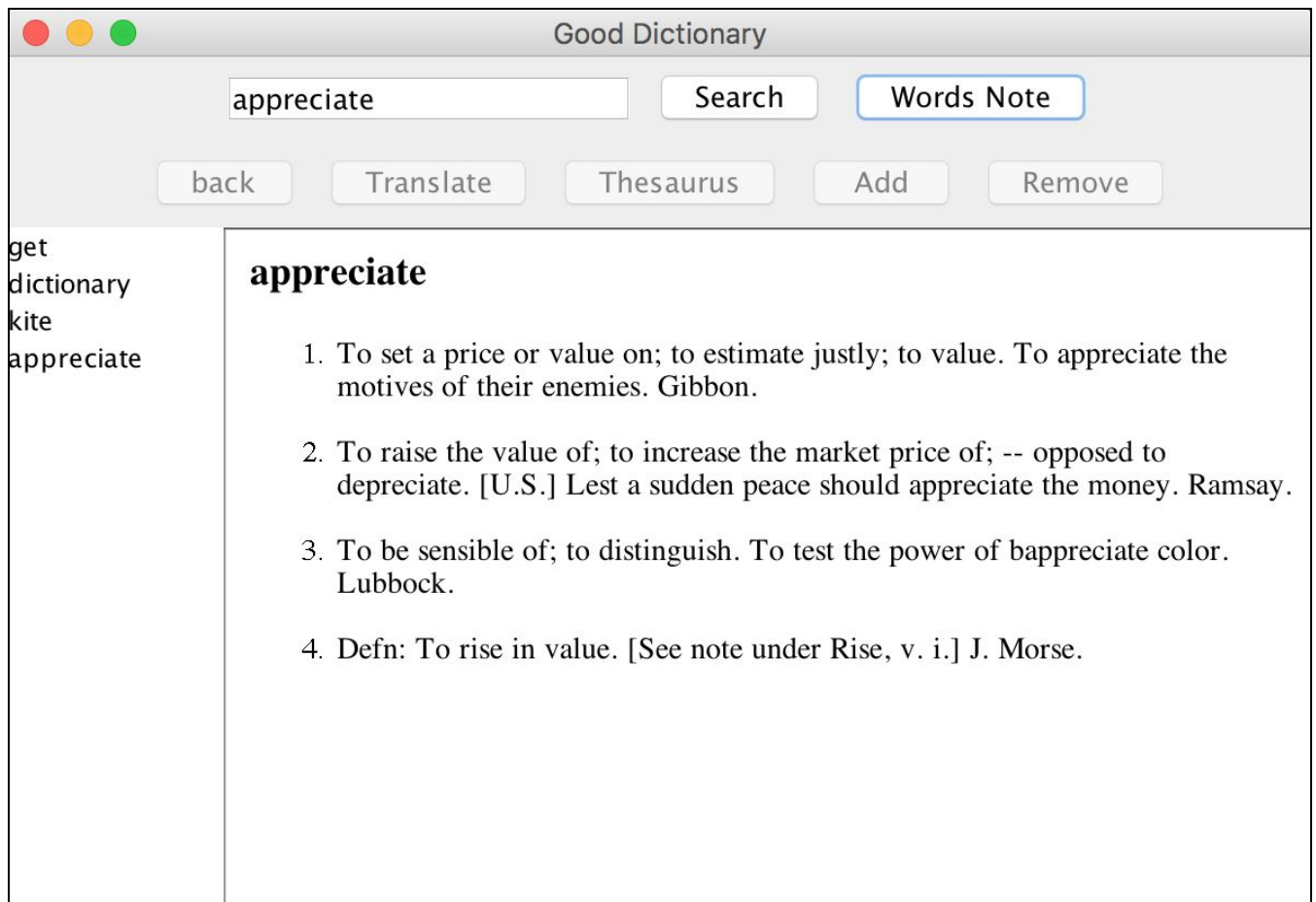
The screenshot shows a window titled "Good Dictionary". At the top, there is a search bar containing the word "appreciate", a "Search" button, and a "Words Note" button. Below these, there is a row of buttons: "back", "Translate", "Thesaurus", "Add" (which is highlighted with a blue border), and "Remove". The main content area is divided into two sections. The left section, labeled "appreciate", is a narrow column. The right section, labeled "appreciate[verb]", contains the following information:

- 1. to become greater in extent, volume, amount, or number
e.g. the value of that antique should appreciate over time
- Synonyms:** accelerate, accumulate, appreciate, balloon, boom, build up, burgeon (also bourgeon), climb, enlarge, escalate, expand, gain, mount, multiply, mushroom, proliferate, rise, roll up, snowball, spread, swell, wax
- Related Words:** jump, rocket, skyrocket, surge; heighten, intensify, redouble; blow up, bulk, distend, inflate, puff (up); crescendo, crest, peak
- Antonyms:** contract, decrease, diminish, dwindle, lessen, recede, wane
- 2. to hold dear
e.g. I appreciate my parents more than I can express
- Synonyms:** appreciate, cherish, prize, treasure, value
- Related Words:** delight (in), dig, enjoy, fancy, groove (on), like, relish, revel (in); admire, apprise, esteem, regard, respect, revere, reverence, venerate; enshrine, memorialize; adore, caress, dote (on), idolize, worship
- Near Antonyms:** undervalue; abhor, abominate, despise, detest, execrate, hate, loathe; disdain, high-hat, scorn, scout, slight, sniff (at), snub; bad-mouth, belittle, cry down, decry, deprecate, depreciate, disparage, kiss off, minimize, put down, write off; abandon, forget, neglect

7. Word NoteBook:

Besides the regular dictionary functionalities, Good Dictionary provides our users with customized service as well. Our local database gives our users the privilege to create and maintain their own vocabulary notebook. The word notebook has the following functionalities:

- i) to see the list of the vocabularies that are currently saved in your notebook, click the “Words Note” Button. The list should be displayed in the left sidebar;
- ii) if there is any word that you would like to save for later review/reference, you can first look it up, and then add it to your word notebook by clicking the “Add” Button. After adding it to the notebook, you should be able to see it in the vocabulary list (left sidebar) when you click “Words Note” :



iii) if the word you searched for is already saved in your notebook, the “Add” Button will be disabled. However, you are allowed to remove it from your notebook by clicking the “Remove” Button. After removing it from your notebook, you will not be able to see it in the Word Note any more:

The screenshot shows a window titled "Good Dictionary". At the top, there is a search bar containing the word "appreciate", a "Search" button, and a "Words Note" button. Below these are five buttons: "back", "Translate", "Thesaurus", "Add", and "Remove". The "Add" button is disabled. On the left side, there is a vertical label "get dictionary kite". The main area displays the word "appreciate" in bold, followed by four numbered definitions:

1. To set a price or value on; to estimate justly; to value. To appreciate the motives of their enemies. Gibbon.
2. To raise the value of; to increase the market price of; -- opposed to depreciate. [U.S.] Lest a sudden peace should appreciate the money. Ramsay.
3. To be sensible of; to distinguish. To test the power of bappreciate color. Lubbock.
4. Defn: To rise in value. [See note under Rise, v. i.] J. Morse.

iv) to see the definitions/Chinese translation/Thesaurus of a word that is currently saved in your notebook, simply select it from the vocabulary list of Word Note, and do the regular operations:

Good Dictionary

appreciate Search Words Note

back Translate Thesaurus Add Remove

get
dictionary
kite

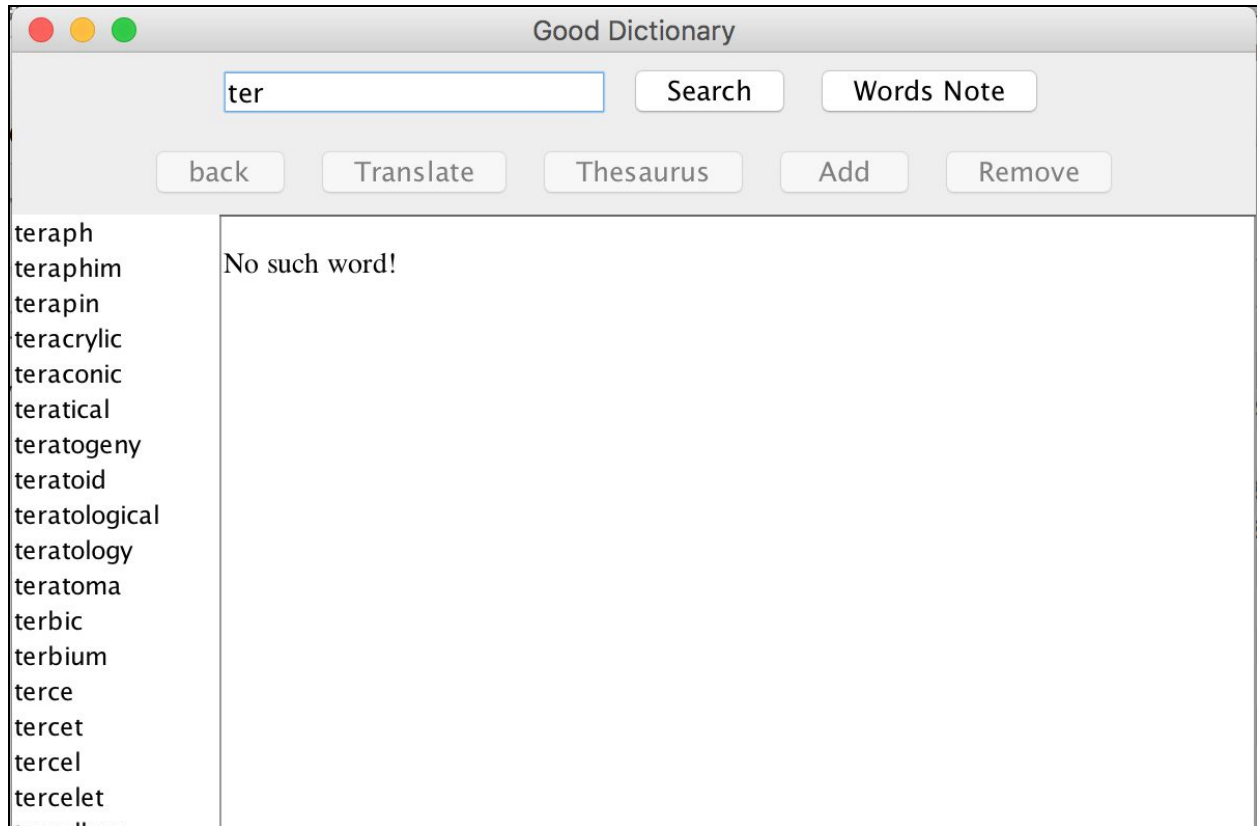
get

1. Defn: Jet, the mineral. [Obs.] Chaucer.
2. Fashion; manner; custom. [Obs.] Chaucer.
3. Artifice; contrivance. [Obs.] Chaucer.
4. To procure; to obtain; to gain possession of; to acquire; to earn; to obtain as a price or reward; to come by; to win, by almost any means; as, to get favor by kindness; to get wealth by industry and economy; to get favor by kindness; to get wealth by industry and economy; to get land by purchase, etc.
5. Hence, with have and had, to come into or be in possession of; to have. Johnson. Thou hast got the face of man. Herbert.
6. To beget; to procreate; to generate. I had rather to adopt a child than get it. Shak.
7. To obtain mental possession of; to learn; to commit to memory; to memorize; as to get a lesson; also with out; as, to get out one's Greek lesson. It being harder with him to get one sermon by heart, than to pen twenty. Bp. Fell.
8. To prevail on; to induce; to persuade. Get him to say his prayers. Shak.
9. To procure to be, or to cause to be in any state or condition; -- with a

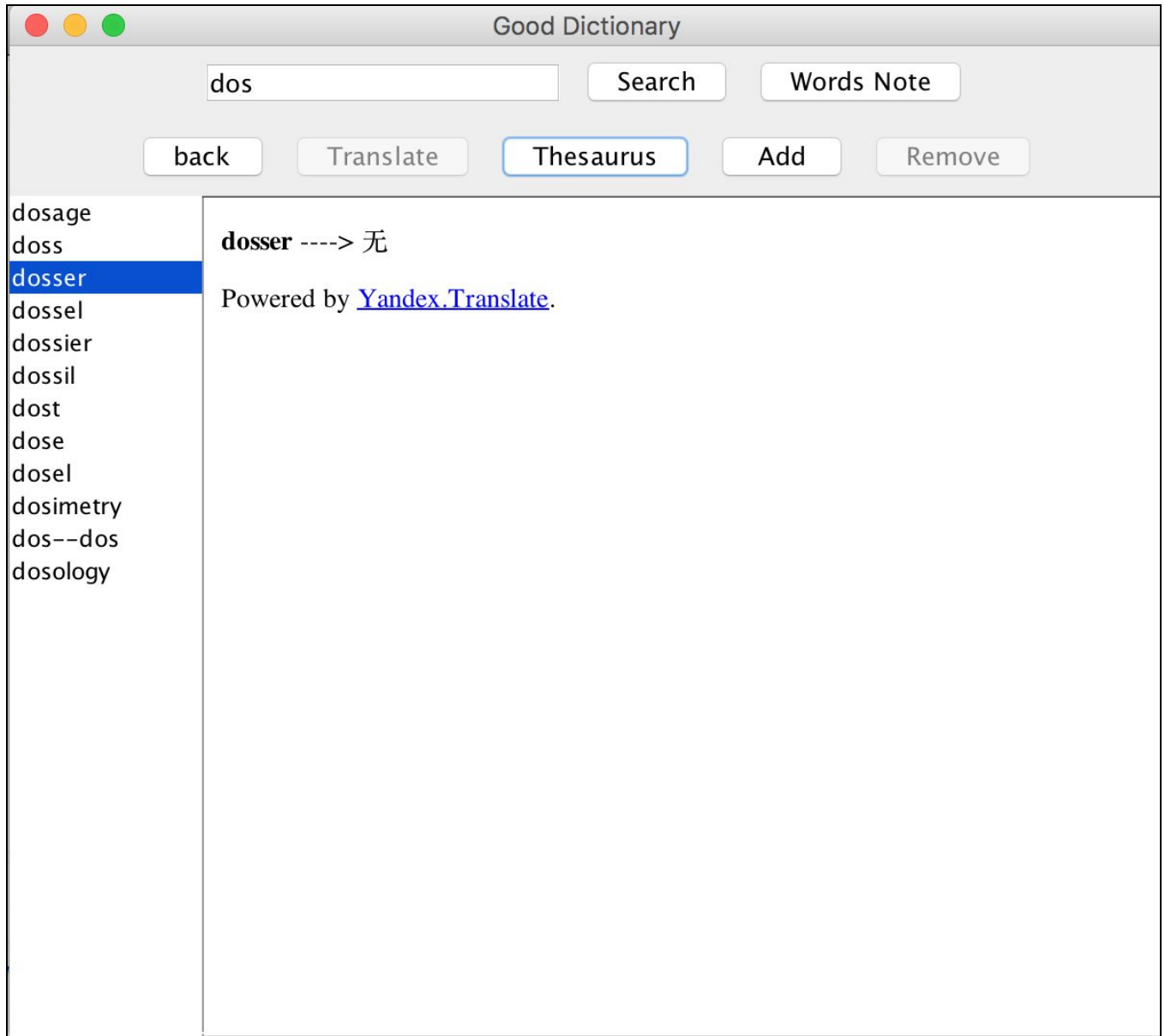
8. *Unexpected Situations:*

During the usage of our Good Dictionary, you might encounter some unexpected situations. For each of them, we will give you the corresponding feedback:

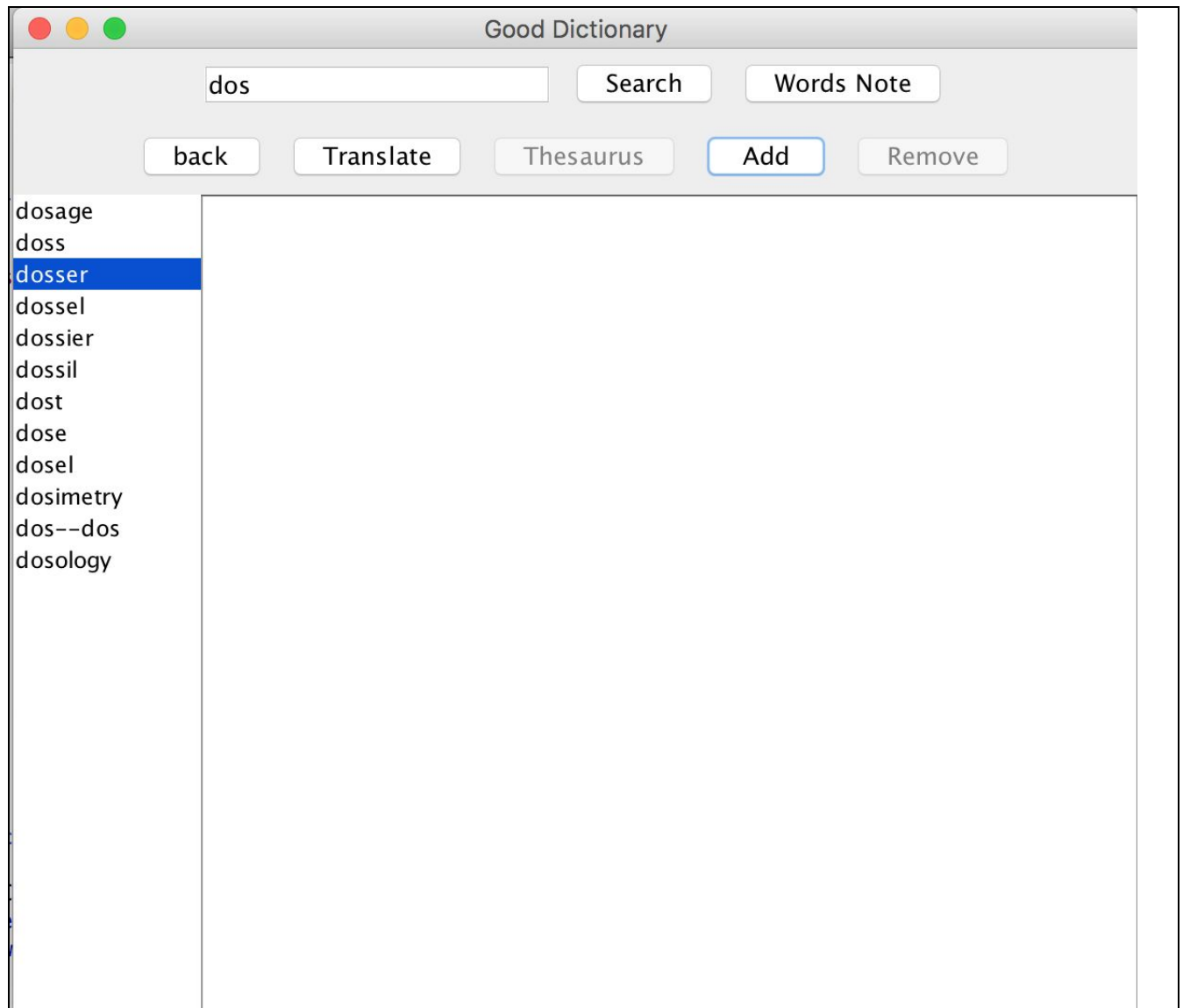
i) word does not exist. If the word you are trying to search for cannot be found in our database, you will see the following message displayed. In this situation, all the other features, i.e. translation, Thesaurus, add/remove to Words Note, will be disabled:



ii) word cannot be translated to Chinese. If the word does not have a corresponding Chinese translation, the Chinese character “无”, which means “null”, will be displayed in the Translation page:

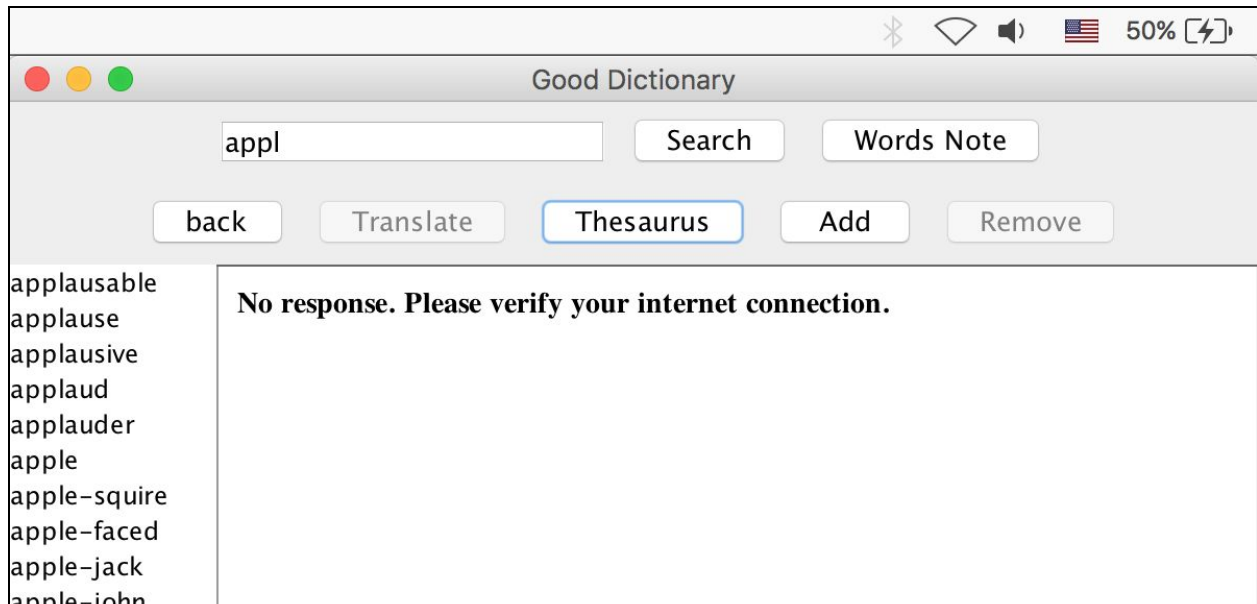


iii) word does not have synonyms/antonyms. If the word does not have a corresponding entry in the Merriam-Webster Thesaurus Dictionary, a blank page will be displayed:



iv) internet connection failure. Our two features, Chinese Translation and Thesaurus, both require the internet connection. If your laptop is not connected to the internet when you try to acquire the translation/Thesaurus, the following message will be displayed:

[Translation Page]



[Thesaurus Page]

