

VOXSPELL

A Spelling Aid for English as Second Language Learners

User Manual

Kevin Daniel Hira, khir664

*Department of Electrical and Computer Engineering, The University of Auckland,
Auckland, New Zealand*

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Launching Voxspell

To open Voxspell, open Terminal and navigate your way to the directory that contains the voxspell.jar file. This directory should also have:

- resources (folder)
- khir664_Voxspell_Manual.pdf
- readme.txt

Once you have reached this location, you can launch Voxspell.

- If you are the client's computer (UG4) then you will need to run this command:

```
/usr/lib/jvm/jdk8/bin/java -jar voxspell.jar
```

- If you are on a home computer with Java installed, run this command:

```
java -jar voxspell.jar
```

You should now see a title screen that looks like the following:



Figure 1: Title menu.

The User Menu

When you launch Voxspell, you will need to login before you can take quizzes or view statistics. In the title menu, pressing the “Login” button will bring you to the user menu. It will look like this:

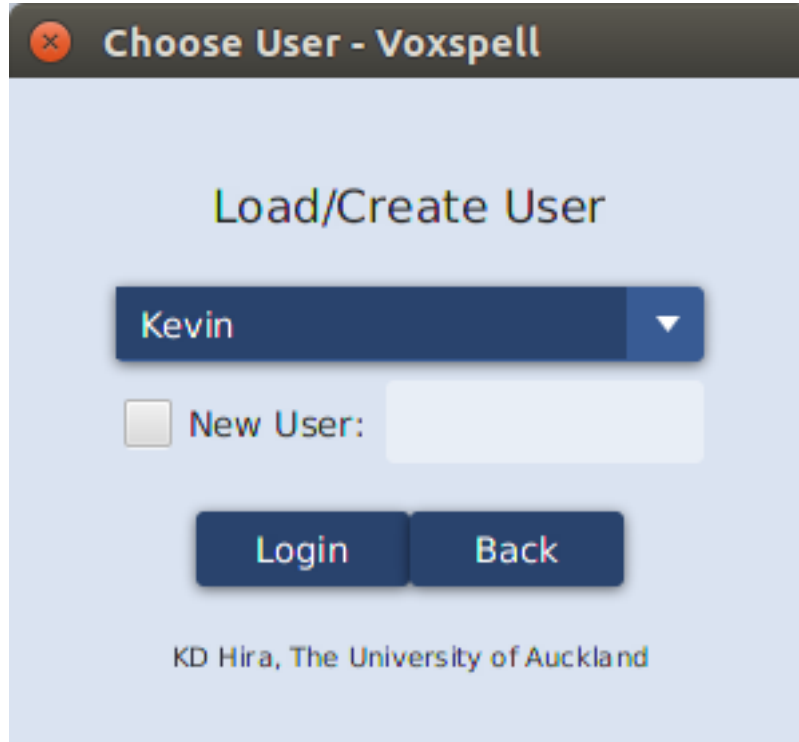


Figure 2: User select menu.

Here you can create a new user, or choose from an existing user by using the dropdown box. Pressing the “Back” button will take you back to the title menu. Press “Login” when you are ready to proceed.

The Word List Menu

If you create a new user, you will have to select a word list to use. A word list is a text file that has words (sorted into topics) that can be used to generate quizzes from.

When you reach the word list menu, you are prompted to select a word list, or you can import one from a file.



Figure 3: Word list menu.

Use the dropdown to choose an already imported word list, or click “Import” to choose a new word list from file.

NOTE: Word lists have to follow a specific format. An example of this format can be seen below:

```
%Colours
blue
red
green
%Animals
dog
cat
horse
cow
```

Press “Ok” when you are ready to proceed.

The Main Menu

After you have successfully logged in, you will see the main menu.

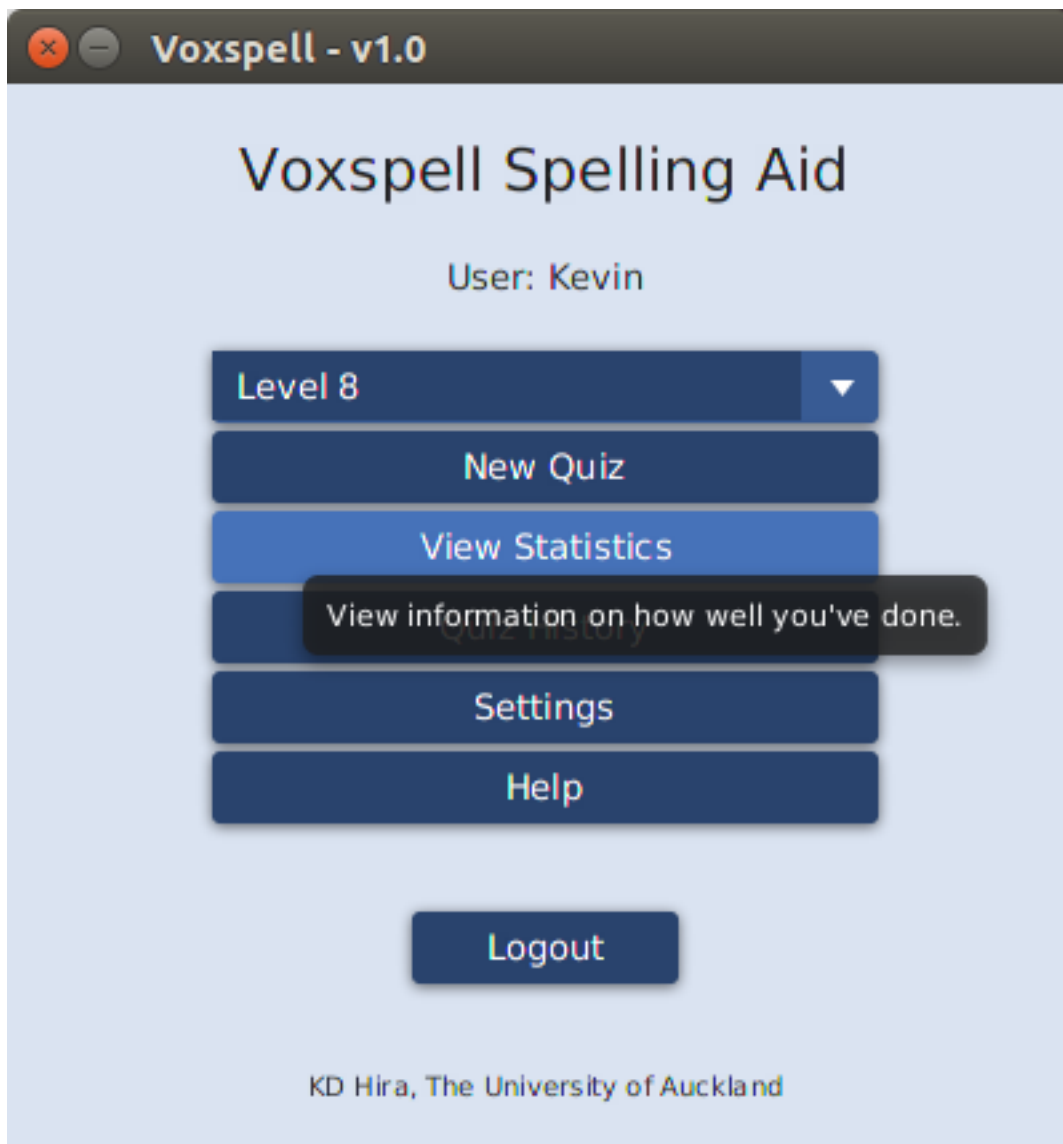


Figure 4: Main menu.

Here you do many things:

1. Change the quiz topic using the dropdown box.
2. "New Quiz" - Start a new quiz with the desired topic.
3. "View Statistics" - View information about the words you've attempted.
4. "Quiz History" - View results from previous quizzes (this will not be available until you complete your first quiz).
5. "Settings" - Change preferences such as speech synthesiser voice and words per quiz.
6. "Help" - View help documentation. This option opens this document.
7. "Logout" - Logout of Voxspell. You will be returned to the title menu.

The Quiz Interface

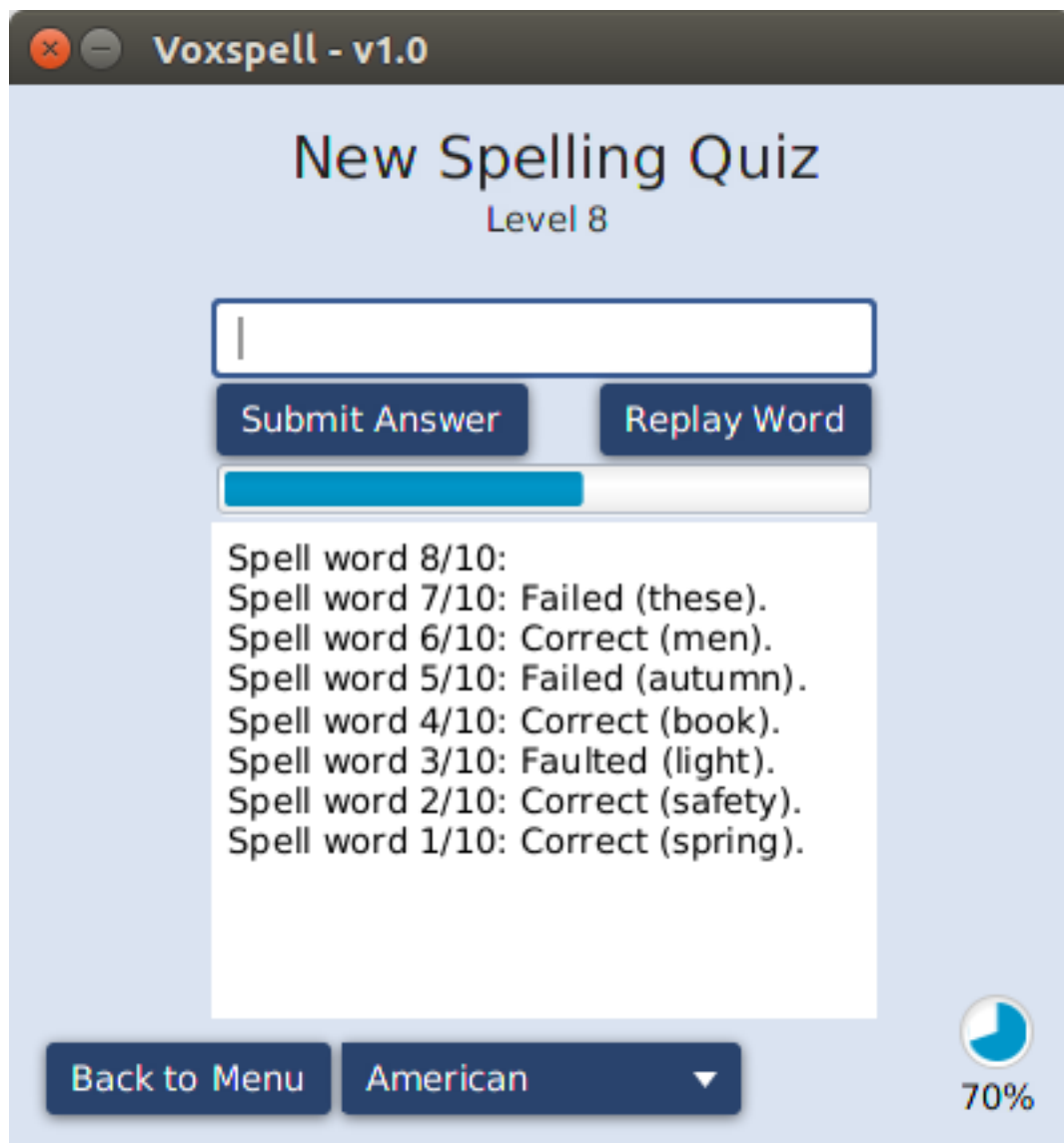


Figure 5: Quiz interface.

If you choose to take a new quiz, you will be introduced to this interface.

When the quiz starts, the speech synthesiser will speak the first word. You will then have the opportunity to spell the word in the white text box. Click "Submit Answer" or press enter to submit your answer.

If you spell the word right, you will move onto the next word, and the response will be printed to the large text box showing you that you got the word right. If you get it wrong, you will get a second chance. Incorrect answer the second time around will result in the word being failed, and the quiz will move onto the next word.

At any time, you can use the "Replay Word" to replay the current word. You can do this as many times as you like with no cost. You can also use the dropdown box at the bottom to temporarily change the speech voice in case you cannot understand the current one.

The blue bar shows your current accuracy for the quiz. The wheel in the bottom right corner tells you how far you are into the quiz.

When you answer a word, one of three outcomes will happen:

- If you get it right on the first try, then you will have “Mastered” the word.
- If you get it right on the second, try then you will have “Faulted” the word.
- If you get it wrong after two attempts, then you will have “Failed” the word.

After you attempt all of the words, you can visit the results menu to see how well you did. You can exit at any time by pressing “Back to Menu”.

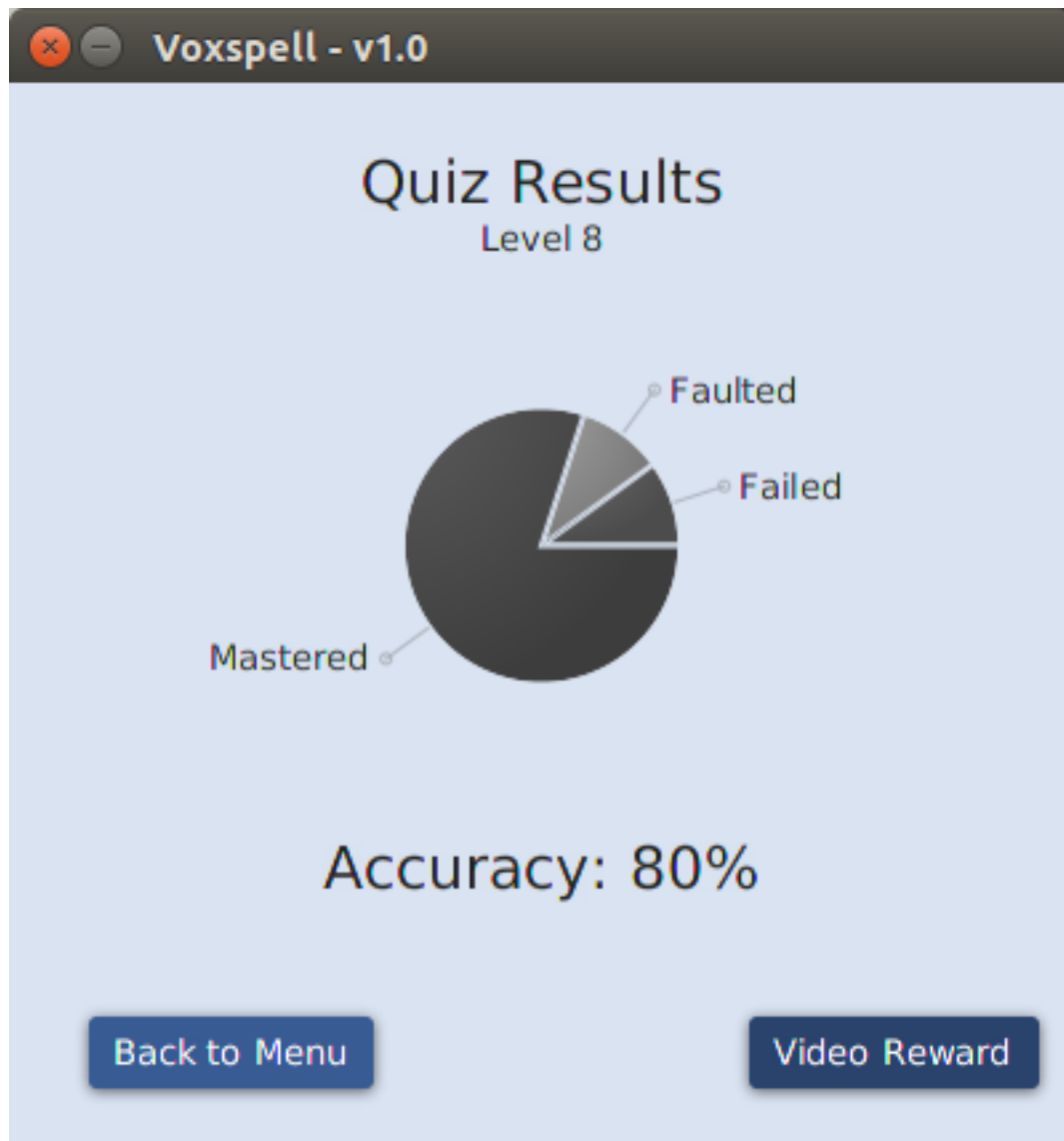


Figure 6: Results menu.

If you get over 80% accuracy, then the “Video Reward” button will appear and you can view a video reward.

Viewing Statistics

If you choose to view the statistics from the main menu, then you will see a screen similar to below:

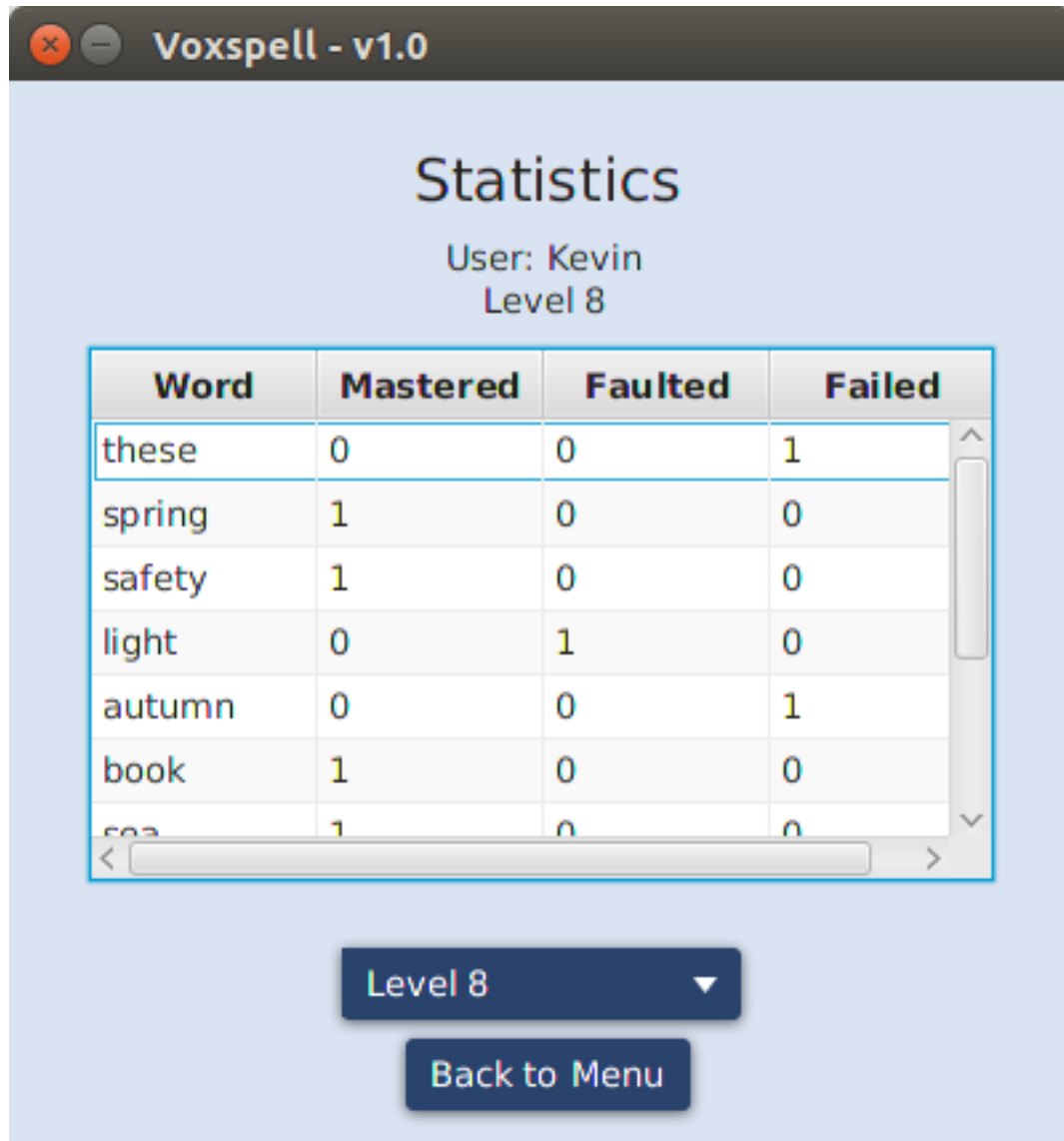


Figure 7: Statistics menu.

Here you can view all of the words you have answered before and how well you have done over different topics. You can use the dropdown box to change the topic you are viewing statistics for.

Your Quiz History

You can view any of your past quiz results by choosing the “Quiz History” option in the main menu.

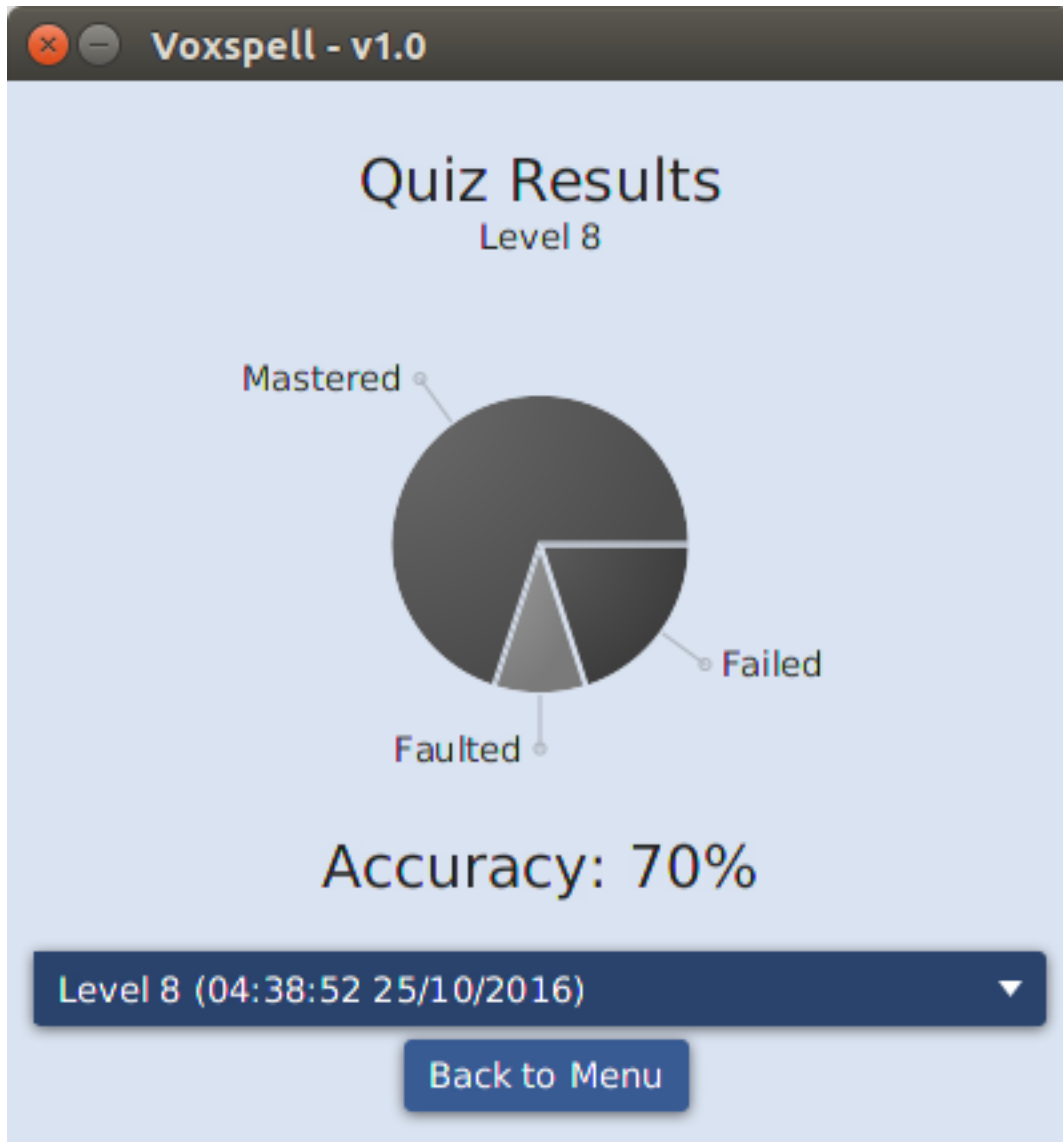


Figure 8: Quiz history menu.

You can navigate through the different quiz results using the dropdown box.

Changing Settings

If you would like to change the settings of Voxspell, then choose “Settings” in the main menu.

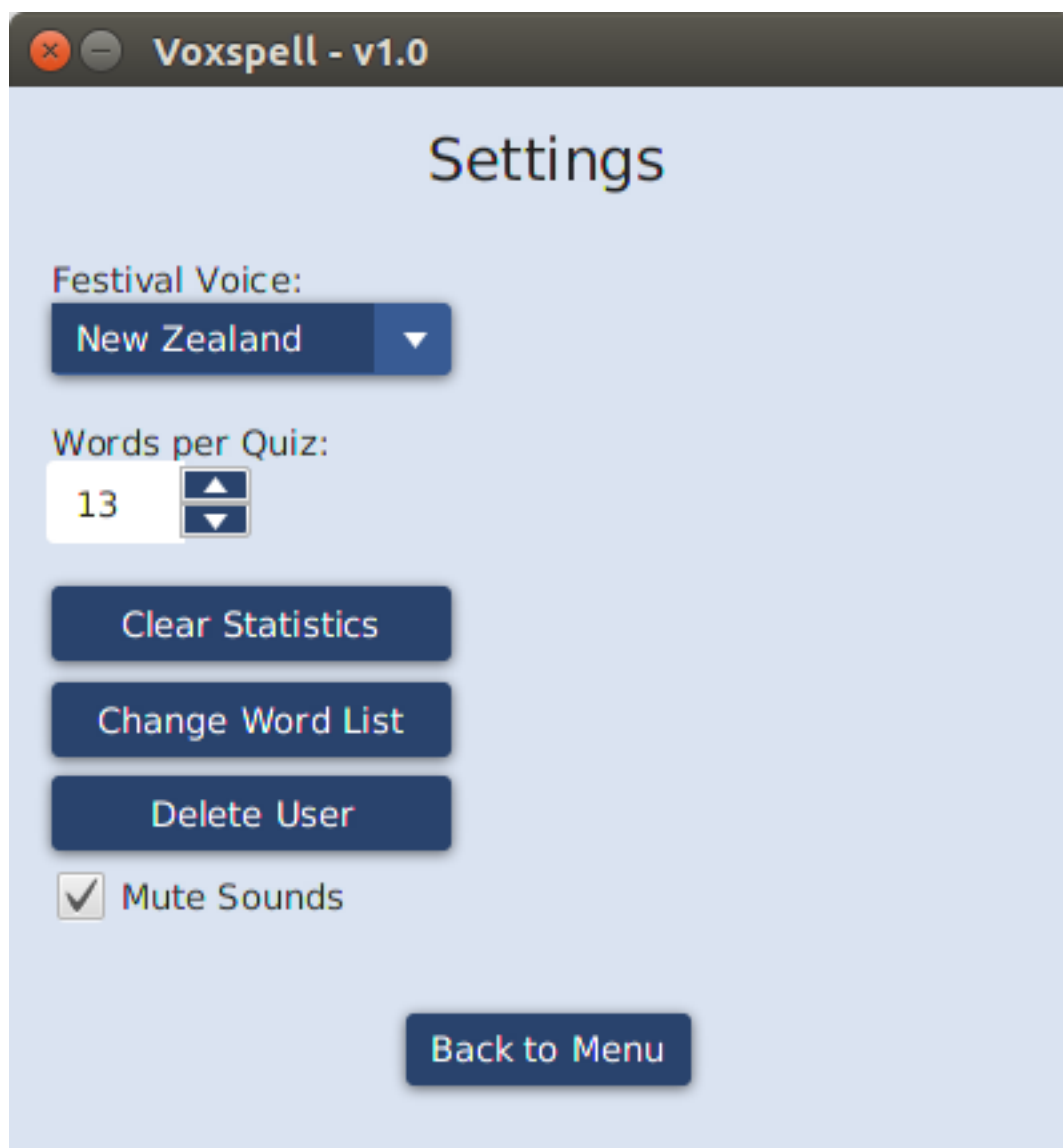


Figure 9: Settings menu.

The options are as follows:

1. Festival Voice: Change the voice used for quizzes.
2. Words per Quiz: Set how many words you want to spell in a quiz.
3. Clear Statistics: This option clears the statistics for the current word list.
4. Change Word List: Change the word list to another one.
5. Delete User: Permanently deletes the user currently logged in. NOTE: You cannot undo this, so be careful.
6. Mute Sounds: If this is ticked, the menu background music is muted.