Kēmu Kupu

User Manual

Group 06

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First Time Launch

To run Kēmu Kupu:

1. You can clone the repository from the link:
    https://github.com/SOFTENG206-2021/assignment-3-and-project-team-06.git

2. Open the terminal and navigate to the cloned directory

3. Make sure the "wordLists" folder, "kemukupu.sh" and "kemukupu.jar" files are in the same directory.

4. Add Executable Permissions to the shell script using the following command:
    > chmod +x kemukupu.sh

5. Run the application using the following command:
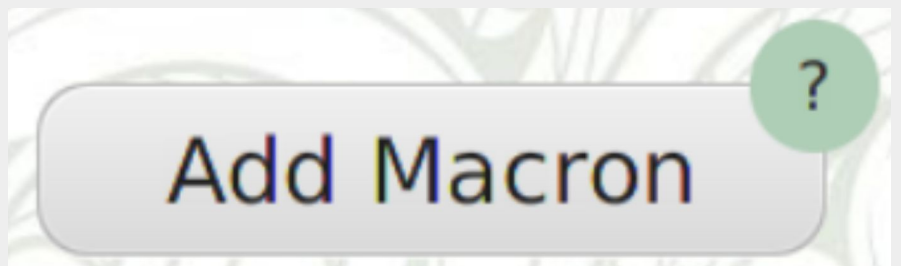   > ./kemukupu.sh

Help Features

Throughout the application there are a number of help buttons or shortcuts you can click for your ease of use.

- Clicking on the back button will take you to the previous screen whenever it is clicked.

- Clicking a button with the Marae icon is a shortcut to return to the main menu.

- In the quiz and practice modes, click the information button or "?" to view an animated GIF with more information about the elements in each mode.

- When using the application, you can also hover your mouse over an element for 1-2 seconds for a short information snippet.

Opening Screen

- The opening scene of our Kemu Kupu application has 3 options:
    - Create a new user profile
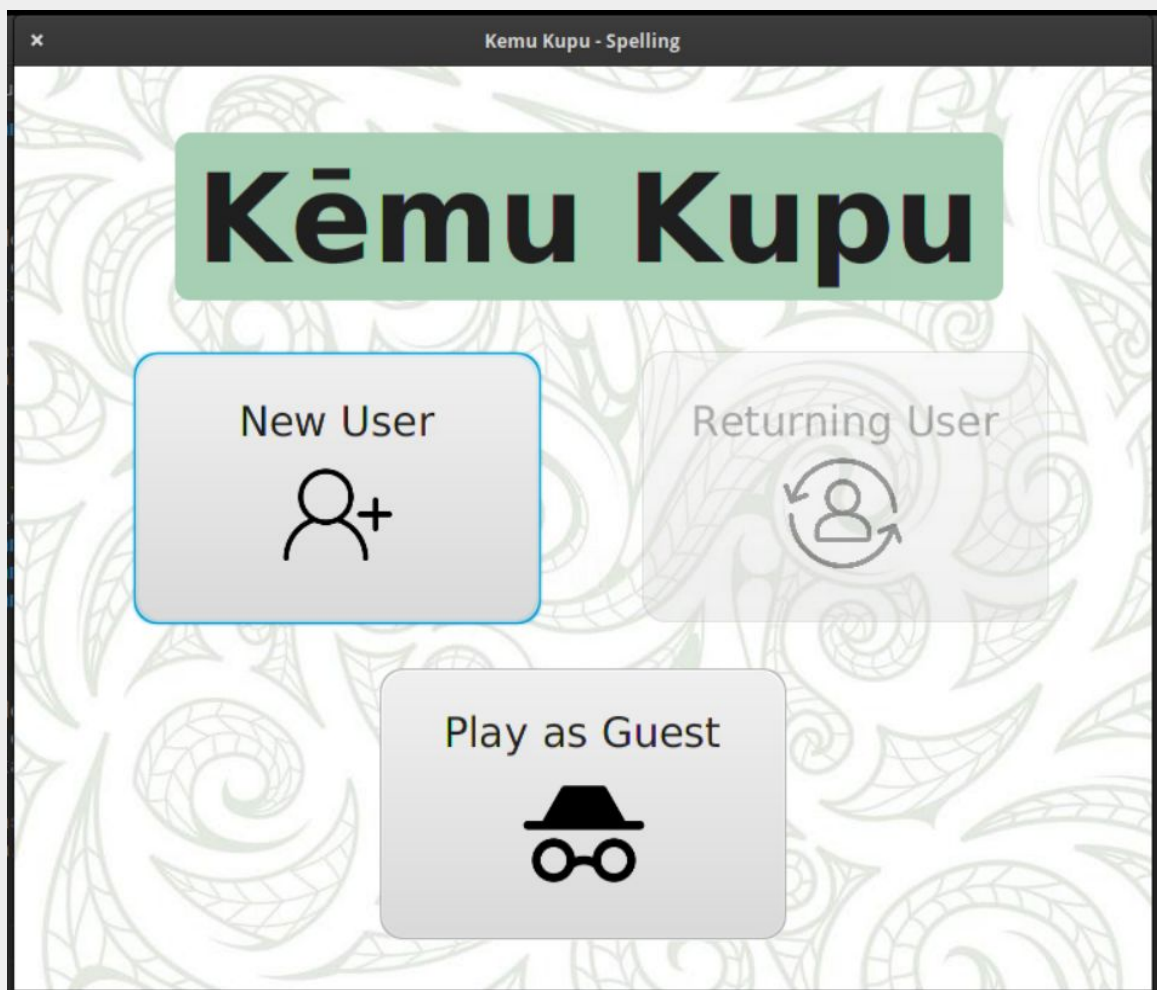   - Select an existing user profile (if one exists)
    - Play as a guest

Figure 1: Opening screen

Create New Profile

- First enter your username in the text box (Note: if a username is taken you will be prompted to choose another)

- Click an icon image to use as your profile picture

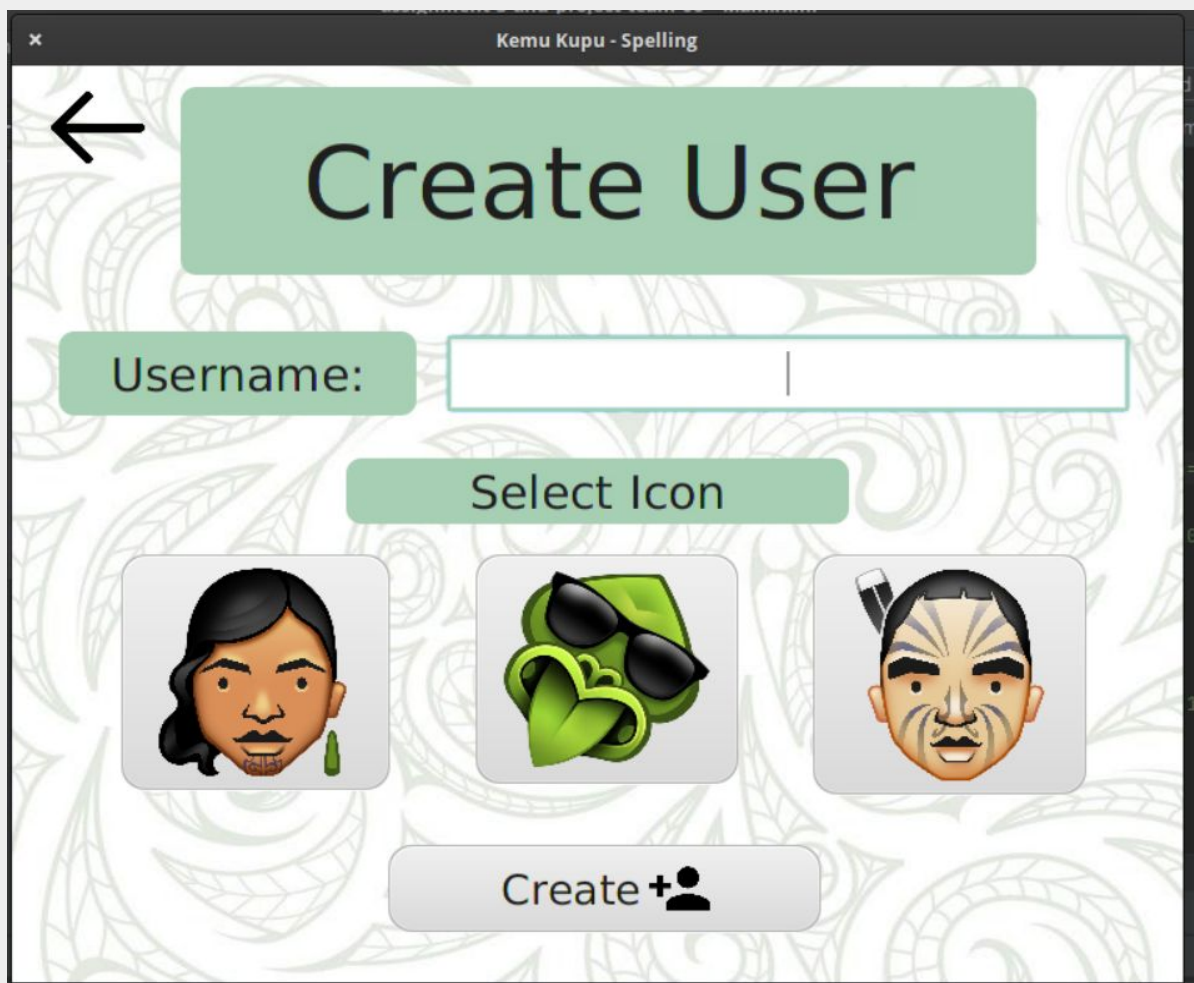- Click the create button to create your profile

Figure 2. Create User scene

Returning User

- If the application has existing users, you will be able to click the "Returning User" button.
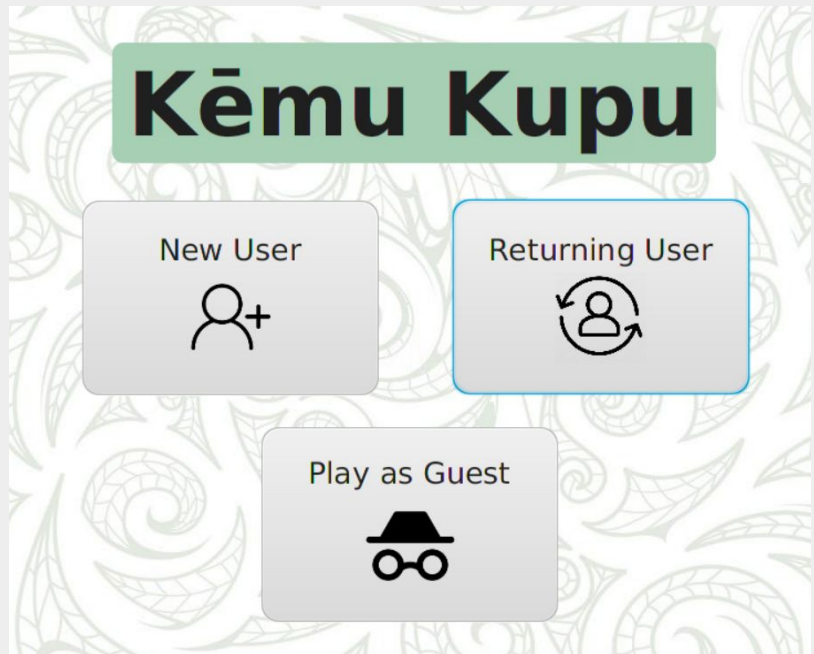

Figure 3. Opening screen when users exist

- Use the left and right arrow buttons to find your existing user.

- When you have found your user, click the "Select" button to advance to the main menu.

Figure 4. Returning User selection

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Figure 5. Main Menu in guest mode

- Guest mode allows you to play both the practice and quiz game modes.

- When playing as a guest, your all-time statistics are not recorded and you cannot view your user profile.

We recommend playing as your own user so you can track your progress better.

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Figure 6. Mode selection (user)

- From this screen you can select to either start a quiz, or practice your spelling skills.

- Both of the options will lead you to a screen to select the topic for the words (Topic Selection shown on page 11)

User Profile

- On this page you can see your all time **statistics** or optionally **delete** your user profile.

- To delete your user click the delete user button in the bottom right corner. This will load a pop-up to confirm.

- In this pop-up click OK if you still wish to delete your profile, or cancel if you do not.
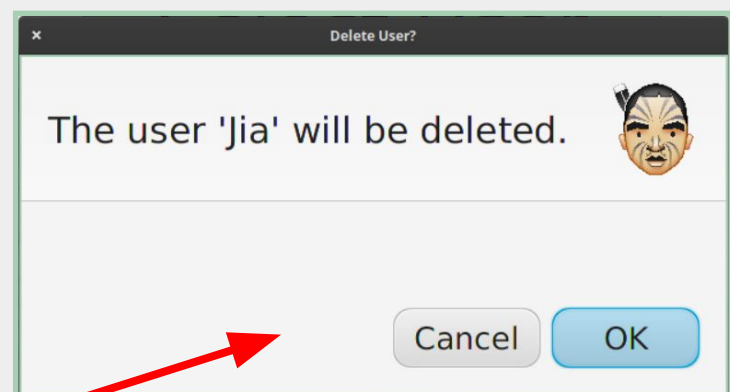

Figure 7. User statistics screen

Figure 8. Delete user confirmation

Topic Selection

- After selecting quiz or practice mode Kēmu Kupu allows you to select the topic for the words you want to spell

- To select a topic, click the drop down box then click your topic of choice

- Once ready to proceed to the quiz/practice mode, click the start button

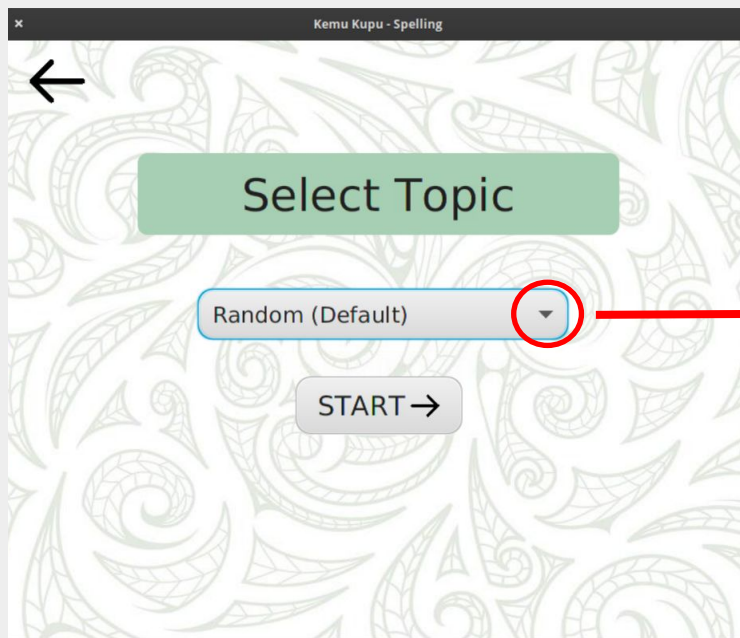- The default selection chooses a topic at random
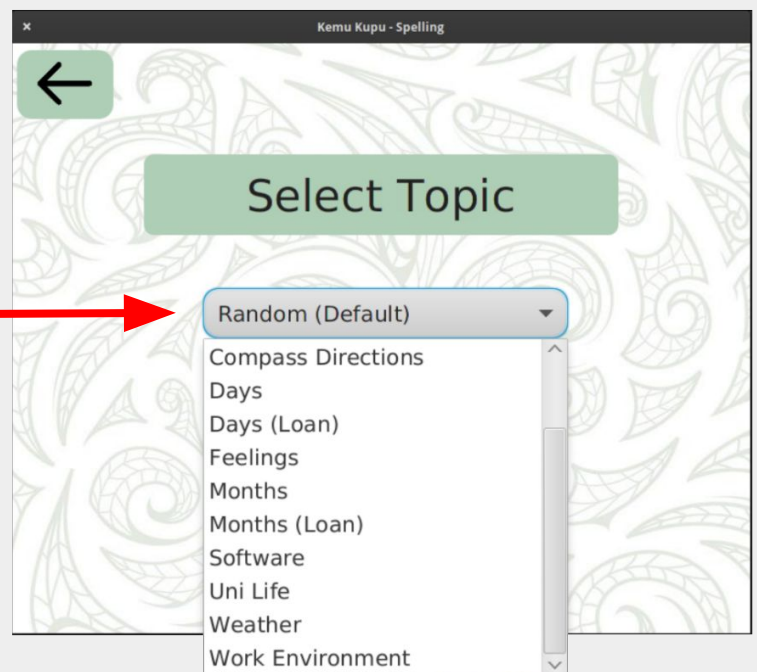

Figure 9. Topic Selection Default

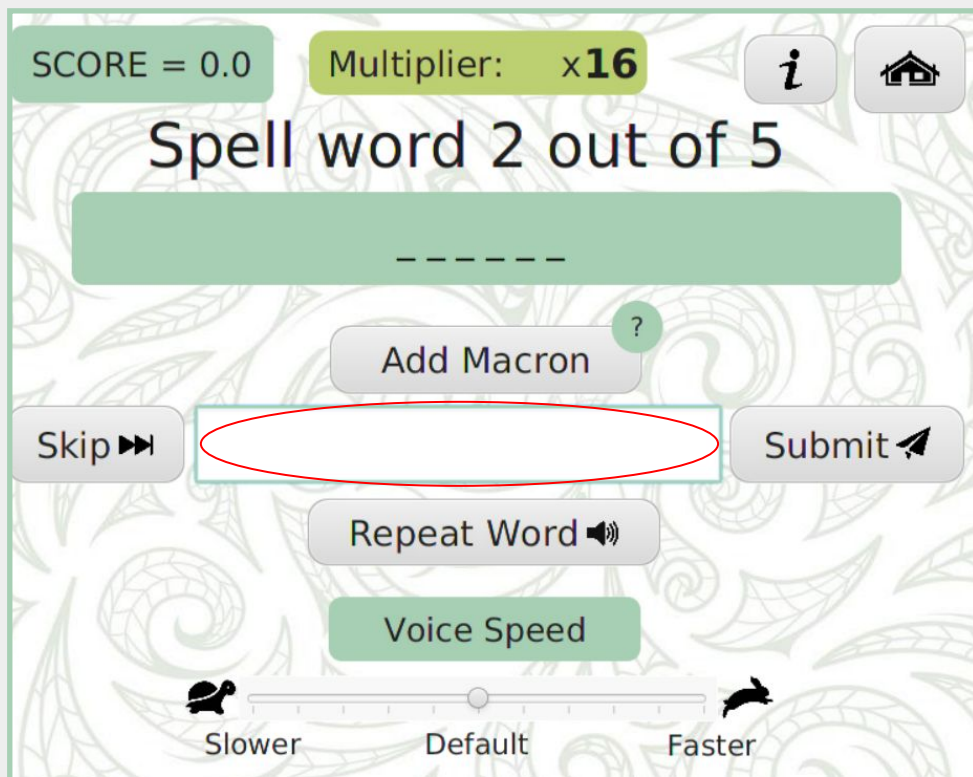*Figure 10. Topic drop down*

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Quiz Mode

Figure 11. Quiz game scene

- After selecting quiz and a topic you will see the quiz screen. You will hear a Maori word for you to spell.

- You can type your spelling attempt in the text box (circled in figure 11).

- Once you are ready to submit your answer click on the submit button or press enter on your keyboard.

- Skipping a word has no effect on your score. (pressing skip button)

- To hear a word again simply press the repeat word button.

  For more information on the "Add Macron" button and the "Voice Speed" slider, please see pages 18 and 19.
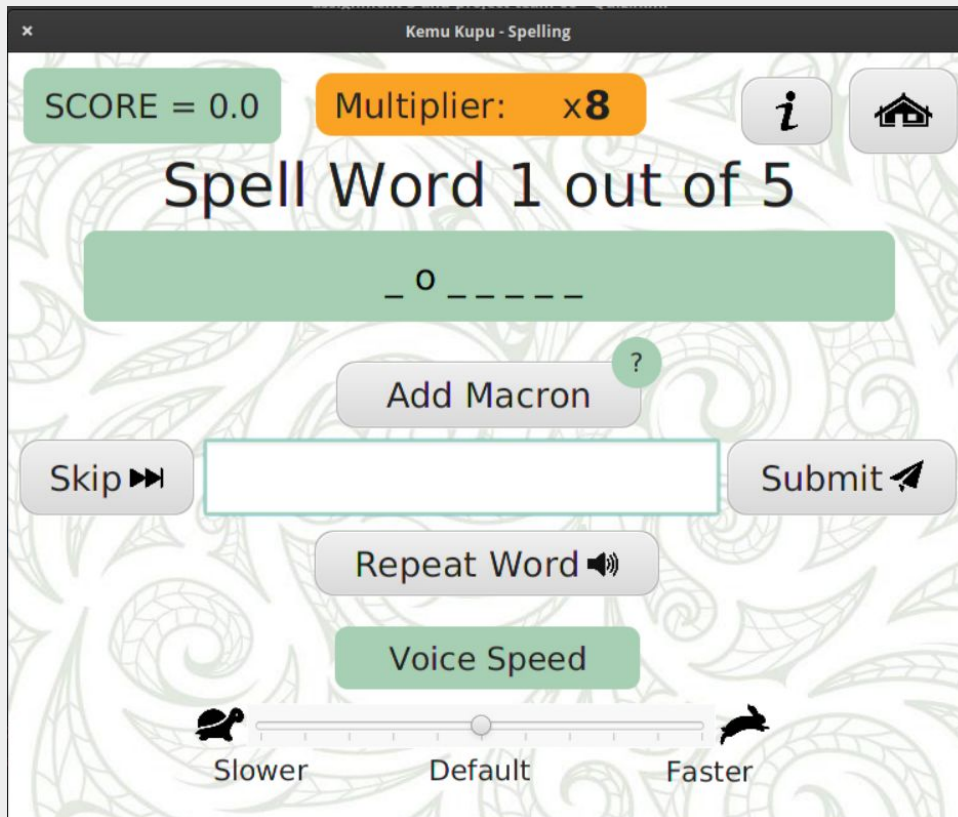
Quiz Mode

Figure 12. Hint shown during Quiz

- If you get a word incorrect on your first attempt you will get a second attempt with a hint (figure 12)

- Getting the word correct on your second attempt results in half points.

- Your score is also dependent on the time taken to submit the correct answer.

- When a question is answered correctly, the number of points added will be multiplied by the score multiplier (shown at the top of figure 12)

Quiz Reward Screen

- After completing a round of the quiz mode you will then see a rewards screen.

- On the right of the screen you can see your result for each word, as well as the correct spelling.

- Selecting play again will allow you to choose a new topic to do the quiz for.

- The button with the home icon will return you to the main menu.

Figure 13. Quiz Reward Screen

Practice Mode

- Aftering selecting practice and a topic, you will see the screen on the right. You can type your answer to the word in the text box highlighted in red.

- To hear a word again simply press the repeat word button.

- Once you are ready to submit your answer simply click on the submit button or press enter on your keyboard.
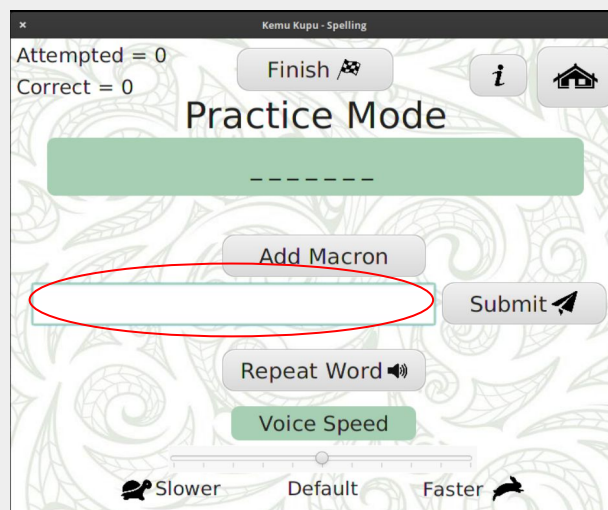
Figure 14. Practice screen

- If you get a word incorrect on your first attempt you will get a second attempt with a hint. The hint reveals half the letters of the word.
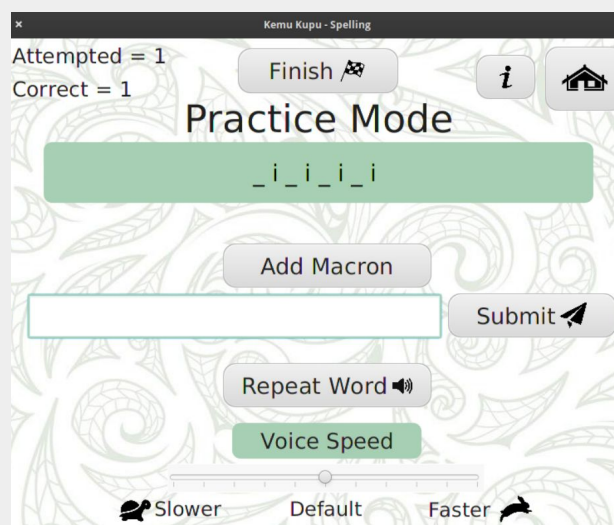
Figure 15. Practice hint

Practice Mode

- If you get the second attempt incorrect, you are shown the correct spelling and can then proceed to the next word.
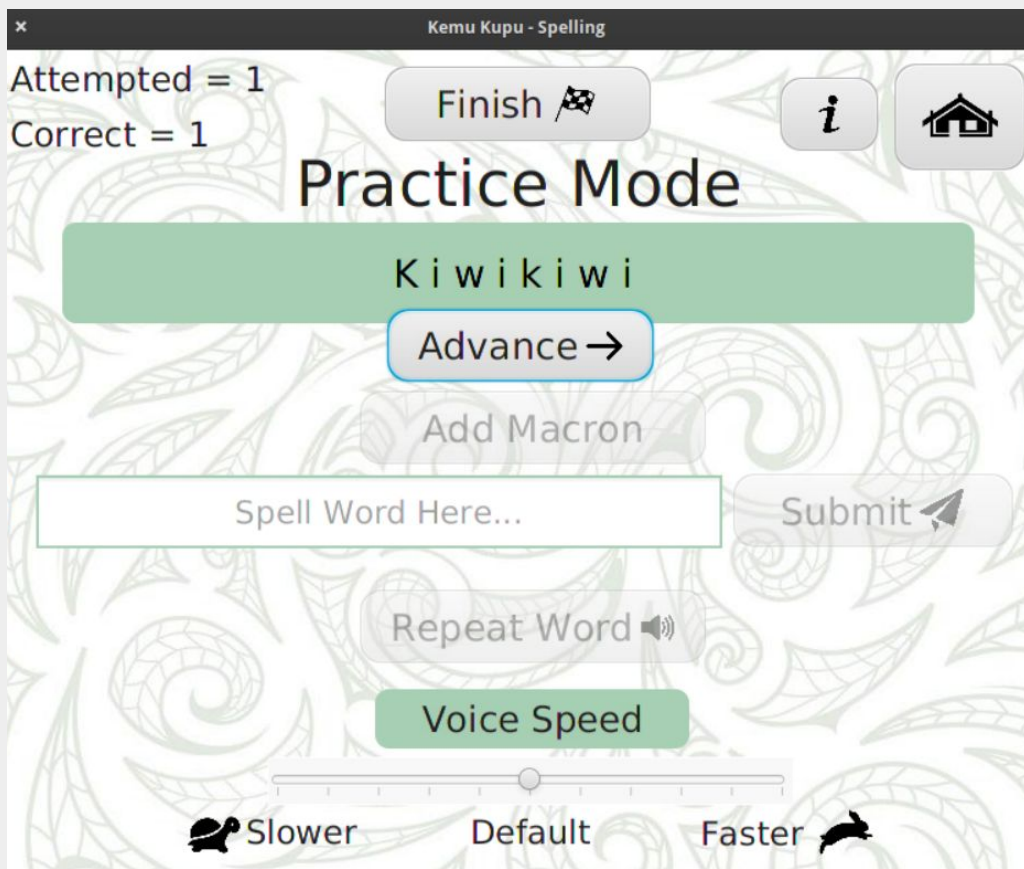

Figure 16. Correct spelling shown in practice mode

- If you want to finish your practice round, you can click the finish button at the top of the screen to take you to a summary of the round, or the home button in the top right corner to return to the main menu.

- For more information on the macron button and voice speed slider, please see pages 18 and 19.

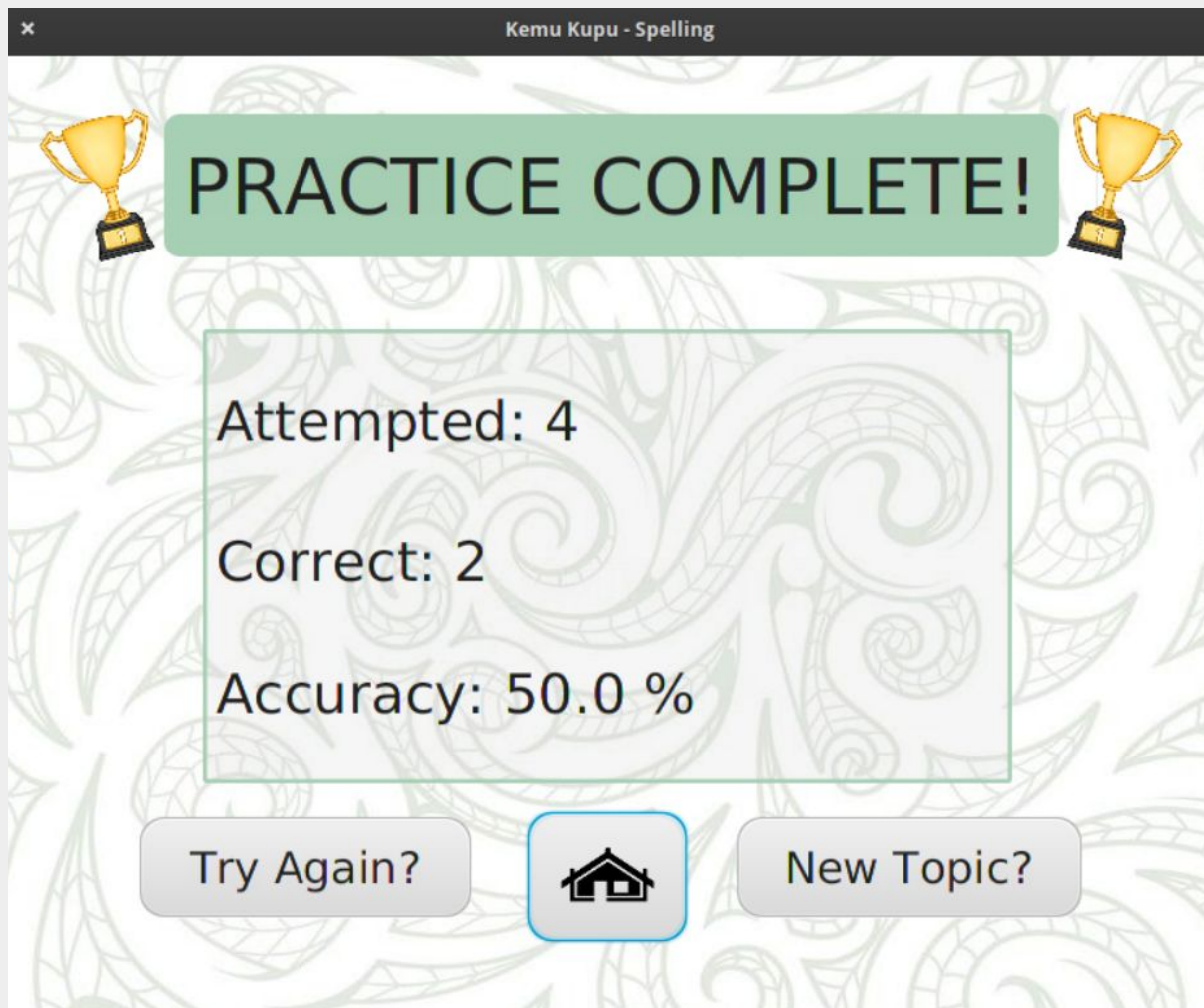# Practice Summary Screen

Figure 17. Practice summary screen

- If you click finish in the practice mode or complete the topic, you will be greeted with a summary screen. Here you can see your statistics for your session.

- If you want to practice again with the same words simply press try again.

- To practice with a new topic simply press the new topic button

- The button with the home icon will return you to the main menu.

Macron Button Functionality

- Click the add macron button to add a macron to any vowel
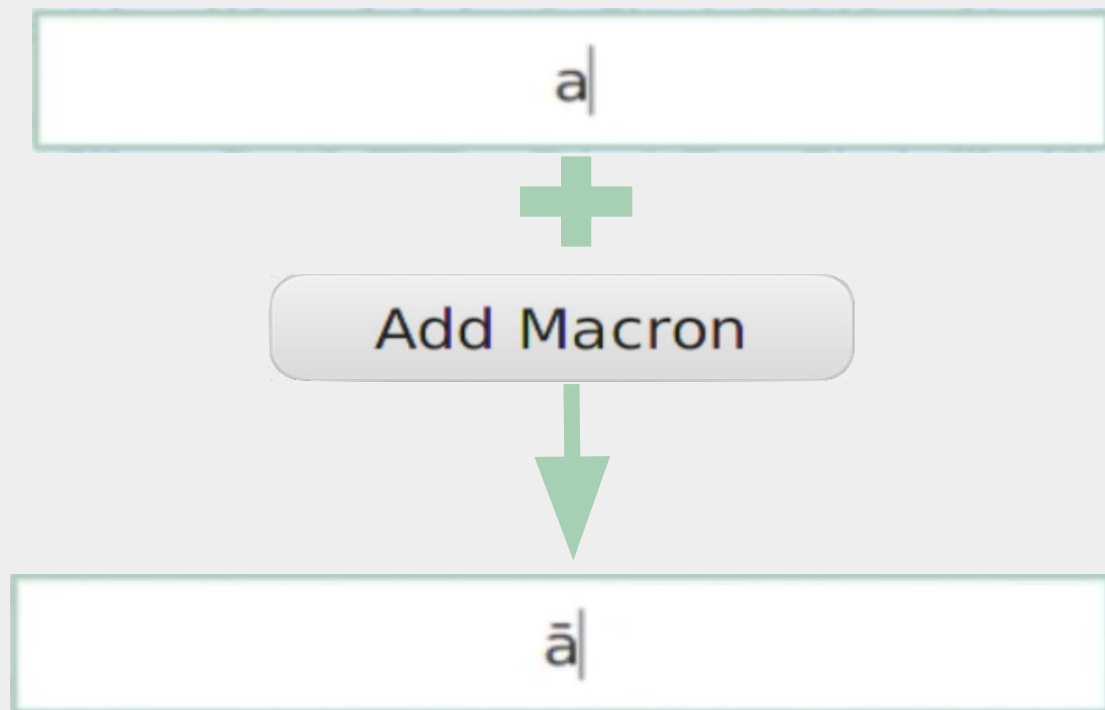- You cannot add a macron to consonants or vowels that already have a macron

a|

+

Add Macron

ā|

Figure 18. Adding a macron to a letter
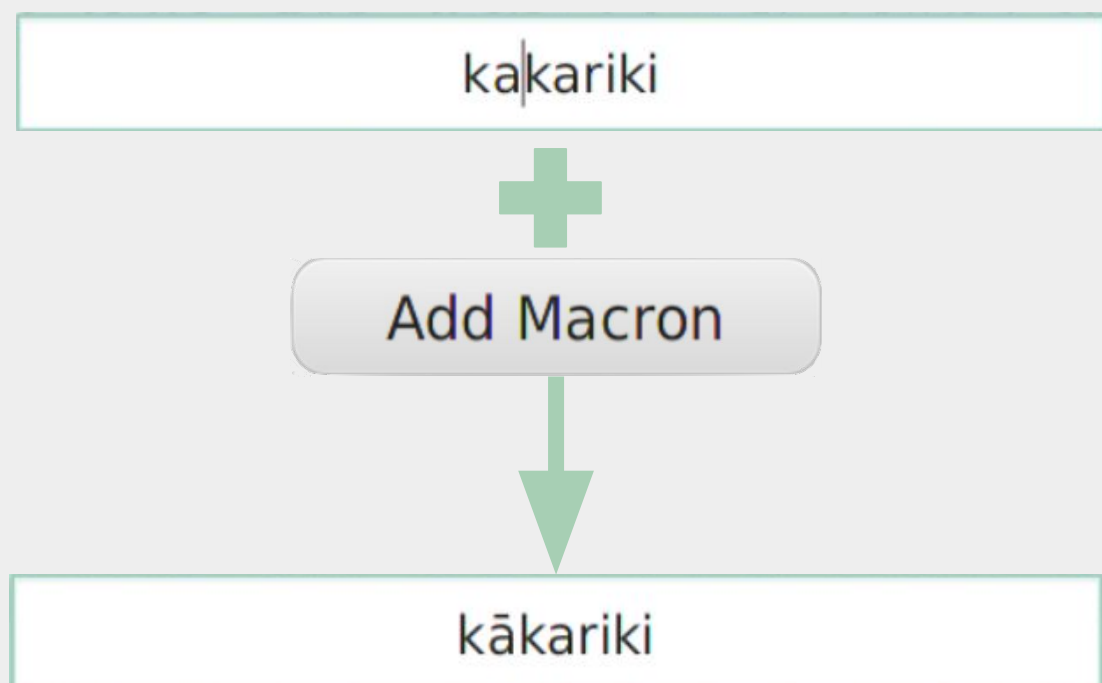
ka|kariki

+

Add Macron

kākariki

Figure 19. Adding a macron to a letter earlier in the word

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Voice Speed Adjustments

The **default** Maori voice speed is shown below.
The slider is in the **middle** for the default speed.
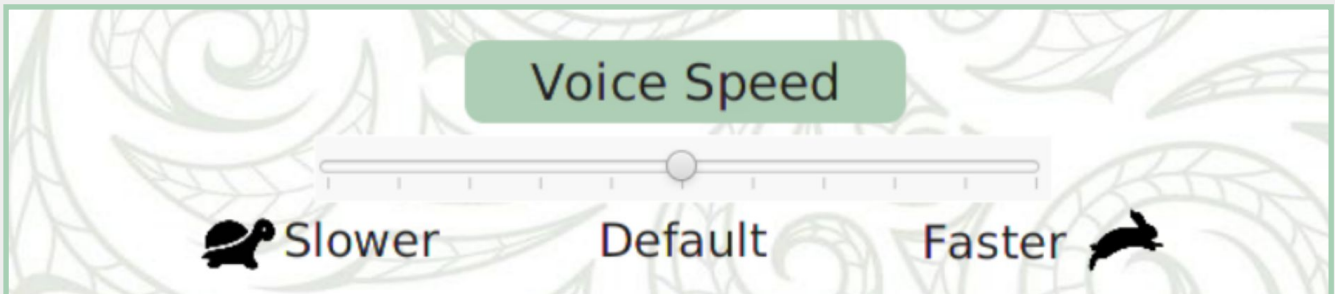

Figure 20. Voice default slider

To **decrease** the Maori voice speed, move
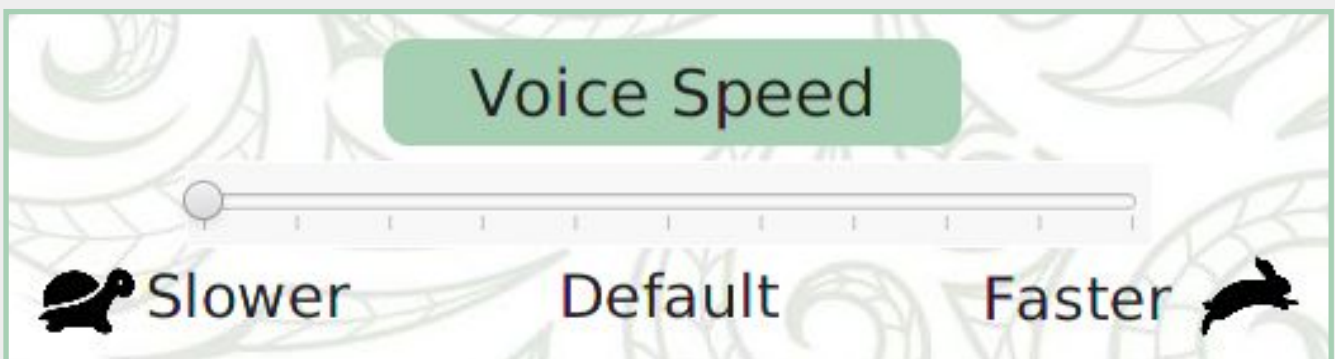the slider to the **left** as shown below.

Figure 21. Voice slower speed

To **increase** the Maori voice speed, move the
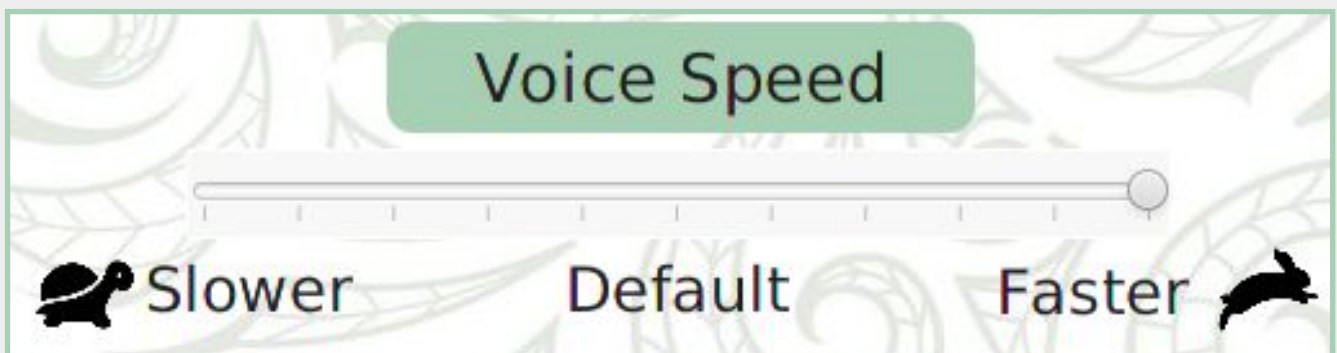slider to the **right** as shown below.

Figure 22. Voice faster speed

You will be able to hear the difference when you click
repeat word.

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