

Quinzical

Group 8 User Manual

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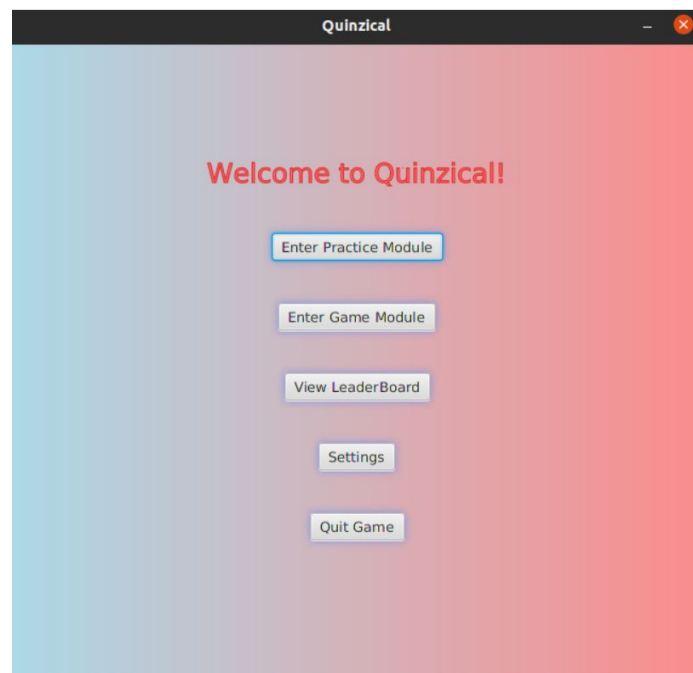
Quinzical setup + run

In the folder G8_Quinzical, apart from this manual, the following should be inside:

- An images folder
- A categories and categoriesInternational folder
- A src folder
- A README.md file
- Quinzical.jar
- A quinzical.sh file

To run Quinzical, simply open the terminal and enter in `./quinzical.sh`, afterwards Quinzical should pop up displaying the Main Menu.

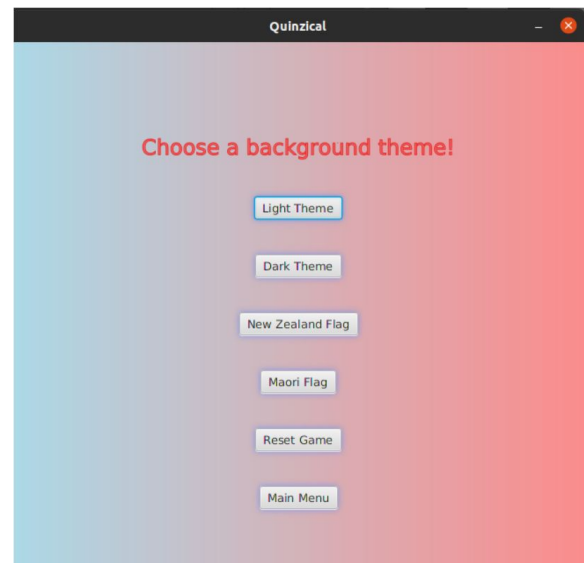
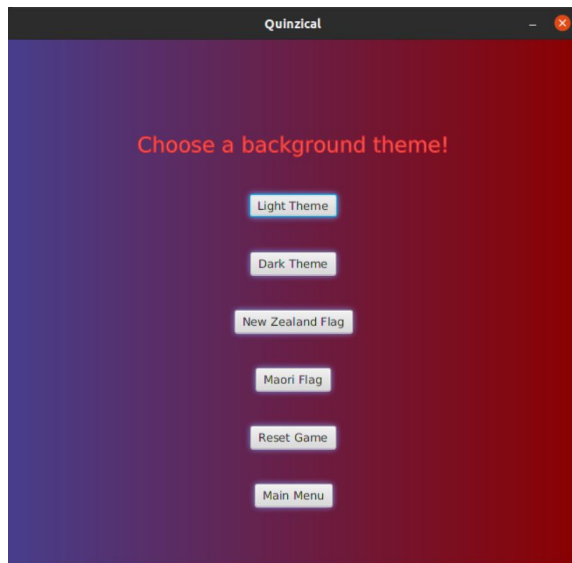
Main Menu



In the main menu, there are 5 buttons that can be selected which will take you to a different screen/display.

- Enter Practice Module will take you to a casual mode where you can answer questions with no pressure.
- Enter Game Module will take you to a selection where you can continue to the NZ quiz or international quiz (once unlocked).
- View LeaderBoard to see who among the users have the highest score.
- Settings will allow you to change the background or reset the NZ quiz
- Quit Game will first prompt for a confirmation before the application is quit.

Settings



In settings, you have a selection of background choices to choose from; a light mode, dark mode, New Zealand flag, and the Maori flag. Once you have selected your preferred background it will then be used throughout all the other screens. If you feel that you want to change, simply go back to settings again and select a different background. For now, in this user manual, we'll go with the Maori background.

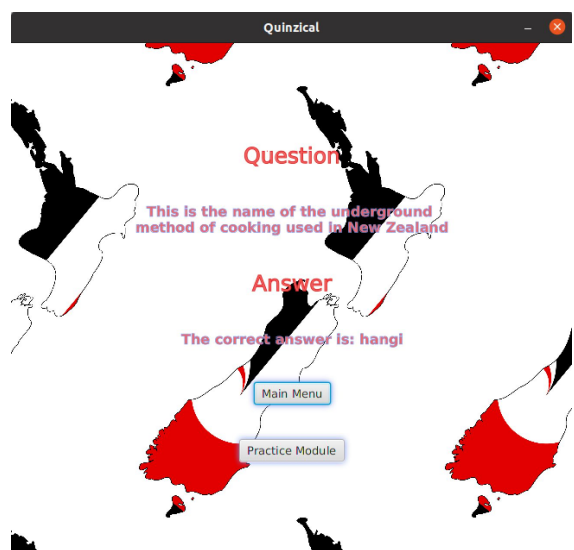
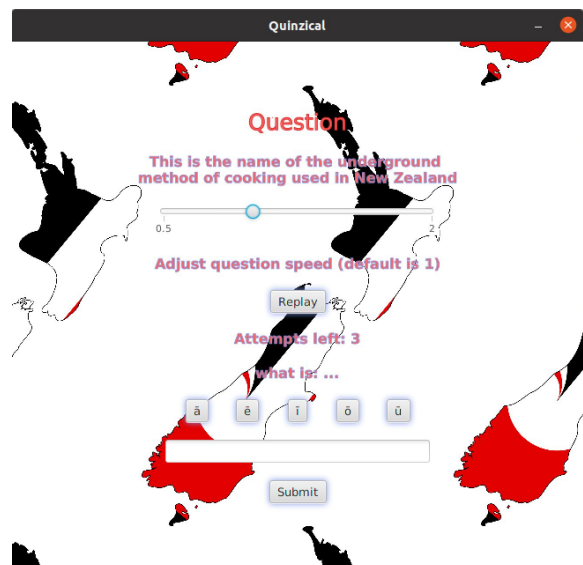
There is also a Reset Game button which will clear all current progress of the NZ quiz module but also lock the international module. Do not worry if you misclick, there is an alert box that will appear for confirmation as a failsafe. Finally, the Main menu button will take you back to the main menu screen.

Practice Module



In the practice module screen, you are given a choice to select questions from all the categories of the New Zealand question sets (from the categories/ folder). You can practice these questions with no pressure and they do not contribute to the final score of the game which would be on the leaderboard. There is a Main Menu button on the screen, it would take you back to the main menu when it is clicked.

Once a category is selected, a random question would be selected from the chosen category and it would be presented on the screen along with a slider, replay button, macron buttons, answer field and submit button. The replay button is used to replay the speech version of the question and the speed can be controlled by the slider above it, speech can be replayed as many times as you want before running out of attempts. The macron buttons are used when you want to type in maori words in the answer. Once an answer is typed in the answer field, you can click submit and the program would determine if your answer is correct or not. You have up to three attempts to answer the question and on your third attempt you would be provided with the first letter of the correct answer as a hint.



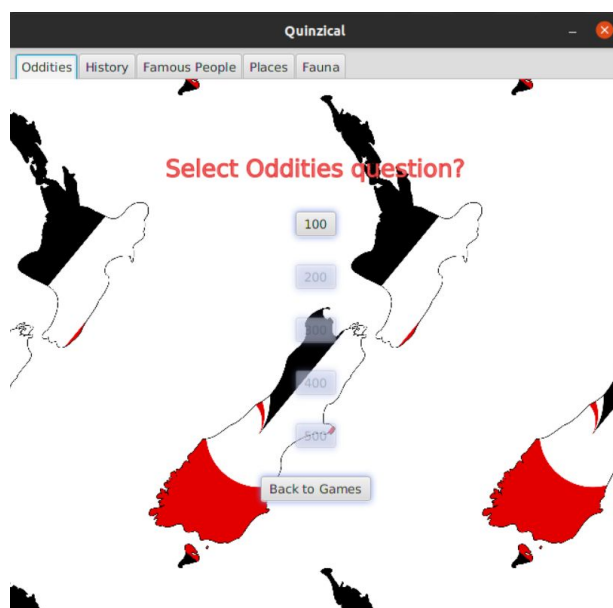
If you manage to get the correct answer before running out of attempts, the program would bring you back to the practice module screen. Otherwise, you would see the screen on the left. This is a scene where the correct answer of the chosen question is shown to you and the whole purpose of the practice module is to get you to familiarize yourself with New Zealand. We all learn new things everyday!

Games Mode



In the games mode, you are given the choice to select either the NZ quiz represented by the NZ flag on the left or the international mode represented by an abstract picture of the globe on the right. However, as shown in the figure above, international is greyed out which means it is locked. You will have to complete two of the categories in the NZ quiz to unlock the international mode. As always, a back to menu button to take you back to the Main Menu screen

NZ Quiz

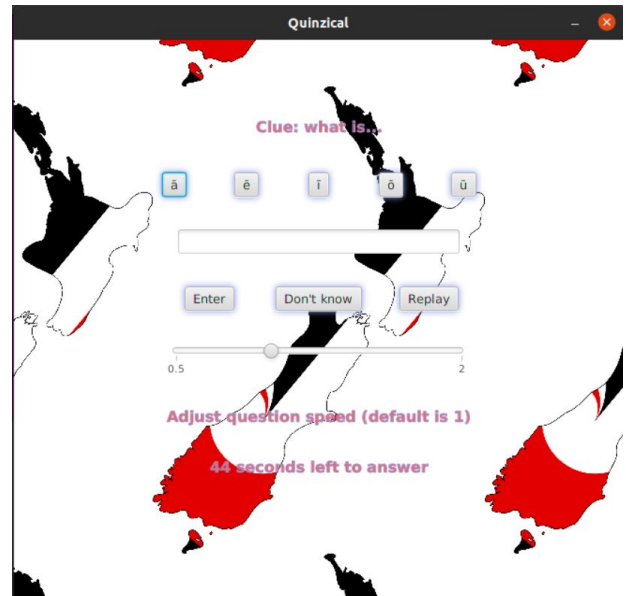


In the NZ Quiz screen, five random categories are selected and then displayed as tabs on the top. You can switch between the categories by clicking on the category you want. Only the lowest value question can be selected. Hence, all the others are colored out. Once a category has been finished, a completed text will appear. Clicking on a clickable button will bring the screen to the answer scene described below. However the buttons can only be clicked once and will disappear afterwards

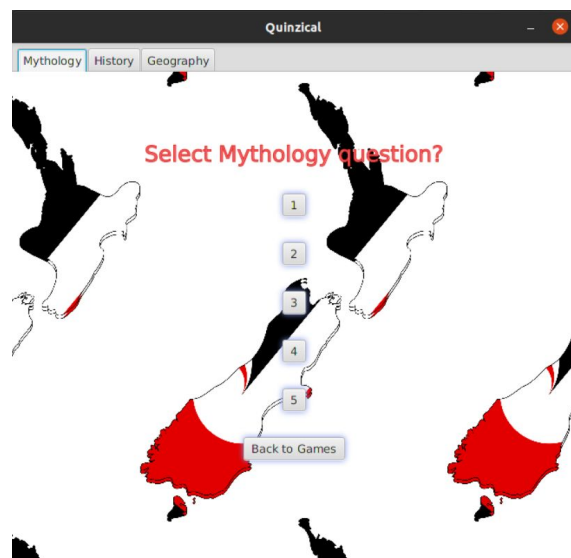
Once a question has been selected, you are brought to the screen shown on the right and where you answer the question. The question is spoken by a text to speech system. If you have trouble hearing it properly, use the slider to either decrease or increase the speed of the voice then hit replay.

The buttons above the text field are used as macrons in the Maori language. If you are familiar with a Maori substitute word, you may require the use of these 5 buttons.

There is a timer at the bottom where you have a limited time to answer the question, an Enter button to submit your answer and Don't know to see the answer.

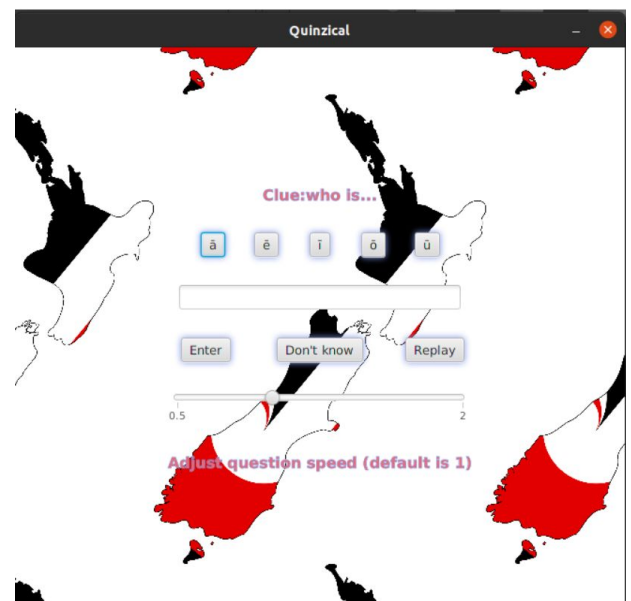


International



The international module would be unlocked after attempting two categories of the NZ Quiz. It is not required to be attempted to finish the game. The questions are optional for you to play with and it is mainly for you to learn more about the world.

Similar to the NZ quiz, the International module has different tabs of categories for you to choose from, once you have chosen a question from the categories, you can answer the questions by typing in the answer field. You can also repeat the question's speech and adjust the speed of the speech by using the adjust bar and replay button on the screen. You can use the don't know button to give up on answering the question.



Reward Scene

When all the categories are completed with all questions answered, you are then brought to the reward scene. This is when you can see your final score and how much you were away from the next tier up. There are three tiers; bronze, silver, and gold which will hopefully encourage you to keep playing and get a better result.

