

# VARpedia

## User Manual

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## ➤ First Time Launch

Thank you for choosing VARpedia as your learning tool! Before you jump right into VARpedia, please know that you must be using a Linux computer.

In order for the application to run smoothly, this computer will need to have the following command line tools installed:

- wikit
- ffmpeg
- ffplay
- espeak

In the same folder you have found this manual, there should also be the following files and folders:

- .resources/
- softeng206\_VARpedia.jar
- README.md

Open the terminal in this folder, and type the following:

```
java -jar softeng206_VARpedia.jar
```

All you need to do now is press enter and the application will be up and running!

If you are having some trouble opening this application, ask a parent!

When you first open VARpedia, a new folder called "creation" will be made. This is where you can find your creations in the future!

## ➤ Main Page

When VARpedia is opened, you will see the main page (shown in figure 1 below) which contains three options.

Clicking "Past Creations!" takes you to a view containing a list of existing creations. Clicking "Something New!" button starts the process of creating a new creation. "Play a Game!" is used for you to test your understanding of the terms contained in the existing creations.

If you have any questions regarding how to use the application, click the "?" button on the top right in any view and this user manual will pop up.



Figure 1 Main Page

## ➤ Creating New Creation

### ○ Search for a new term



Figure 2 Search View

1. Clicking "Something New!" starts the process of creating a new creation and takes you to the search view as shown in figure 2.
2. Clicking the "Back to Menu" button will quit and take you back to the main page.
3. If you want to learn about something, simply type it in the white rectangle, then press "Go!" or press the "Enter" key on your keyboard.
4. Once the "Go!" button is pressed, the application will start to search hard online for you. After a little while, you will be taken to the next screen.

## ○ Choose Audio

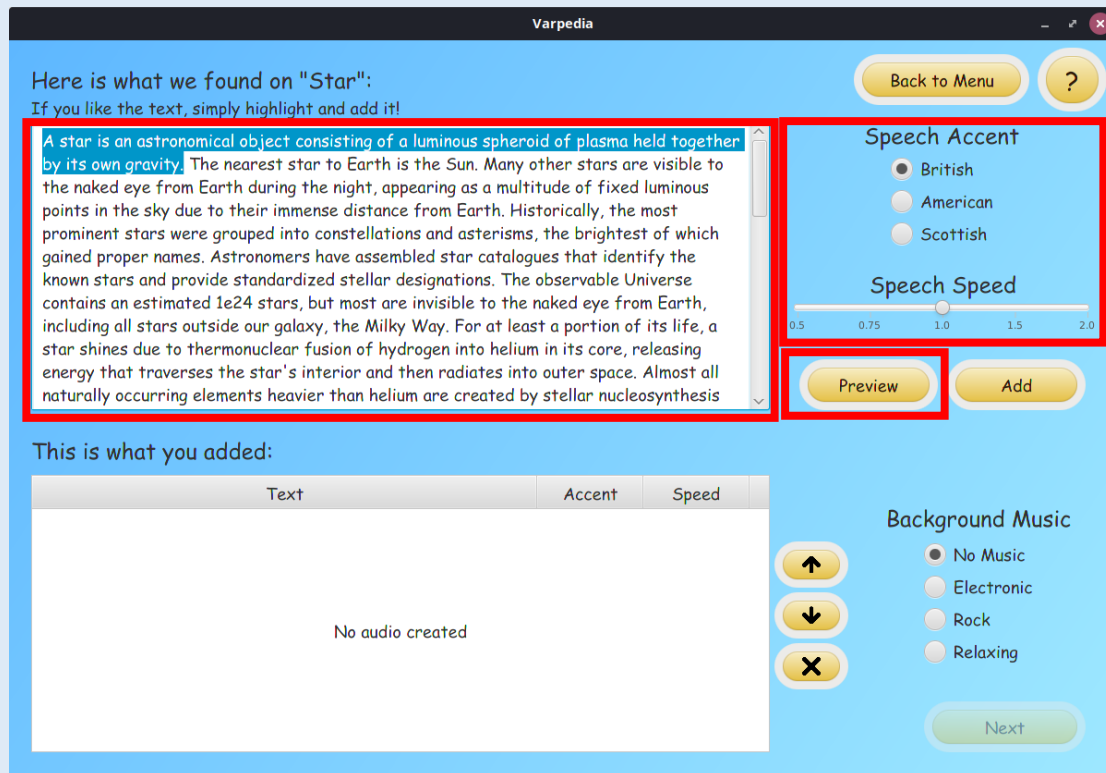


Figure 3 Choose Audio View 1

Once the searching finishes, you will see the screen above (figure 3).

1. The top-left white box will show you all the information that was found from Wikipedia. Use the scroll bar to see all the information. You can edit or delete any text in this area.
2. To select the text that you want to include as audio in your final creation, highlight the text. Choose the speech accent and speed for this part of the text, then click "Preview" to hear what the audio sounds like.

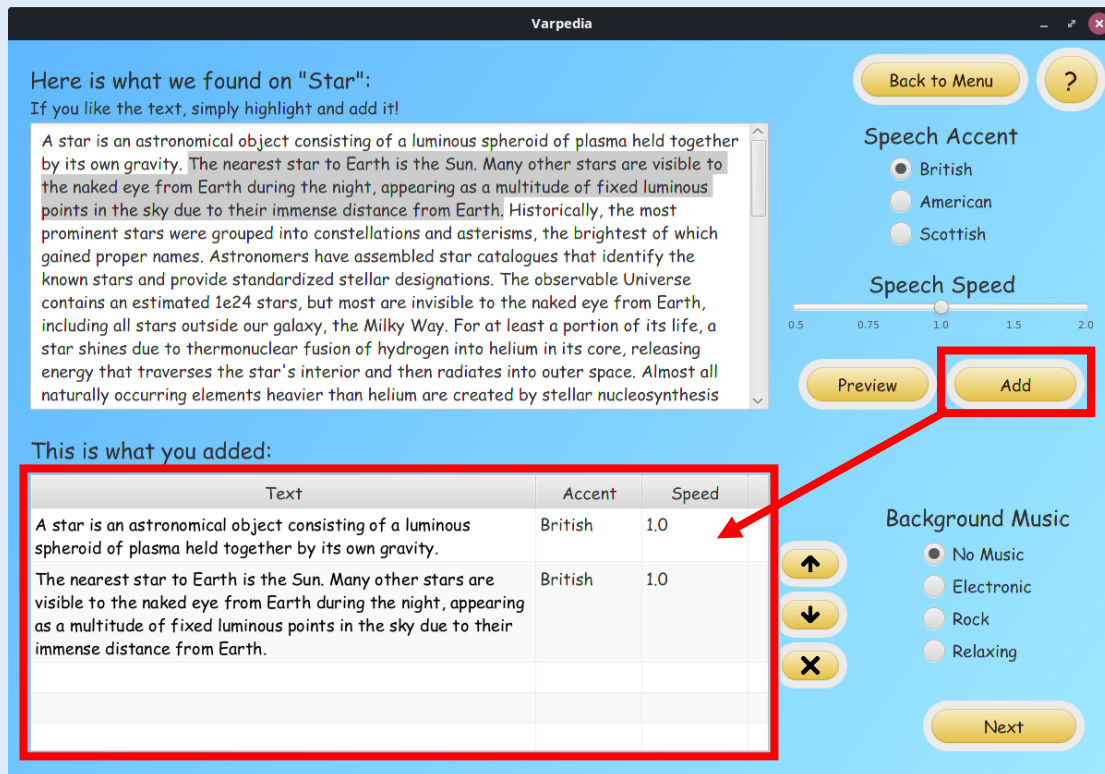


Figure 4 Choose Audio View 2

- When you are happy with what you hear, click "Add" and the selected text will appear in the table below. (shown in figure 4 above)

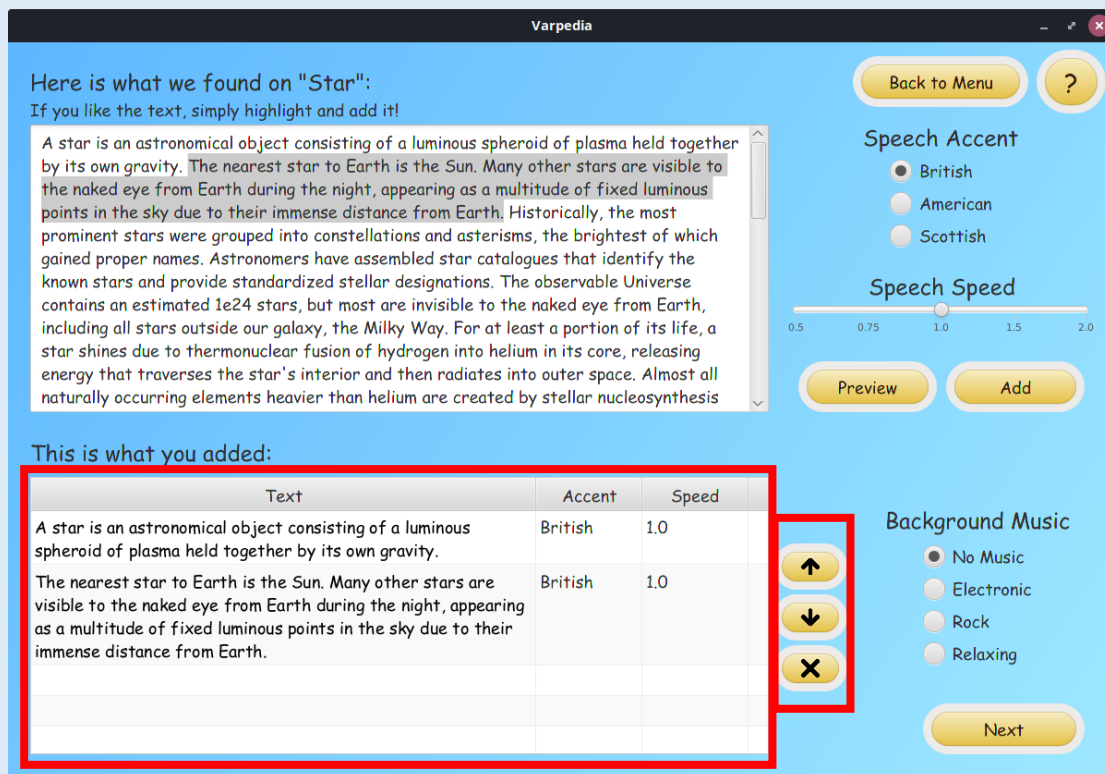


Figure 5 Choose Audio View 3

4. To change the order of the text in the table or delete any text, click the text that you want to change, then use the side buttons to either move it up/down, or delete it. (shown in figure 5 above)

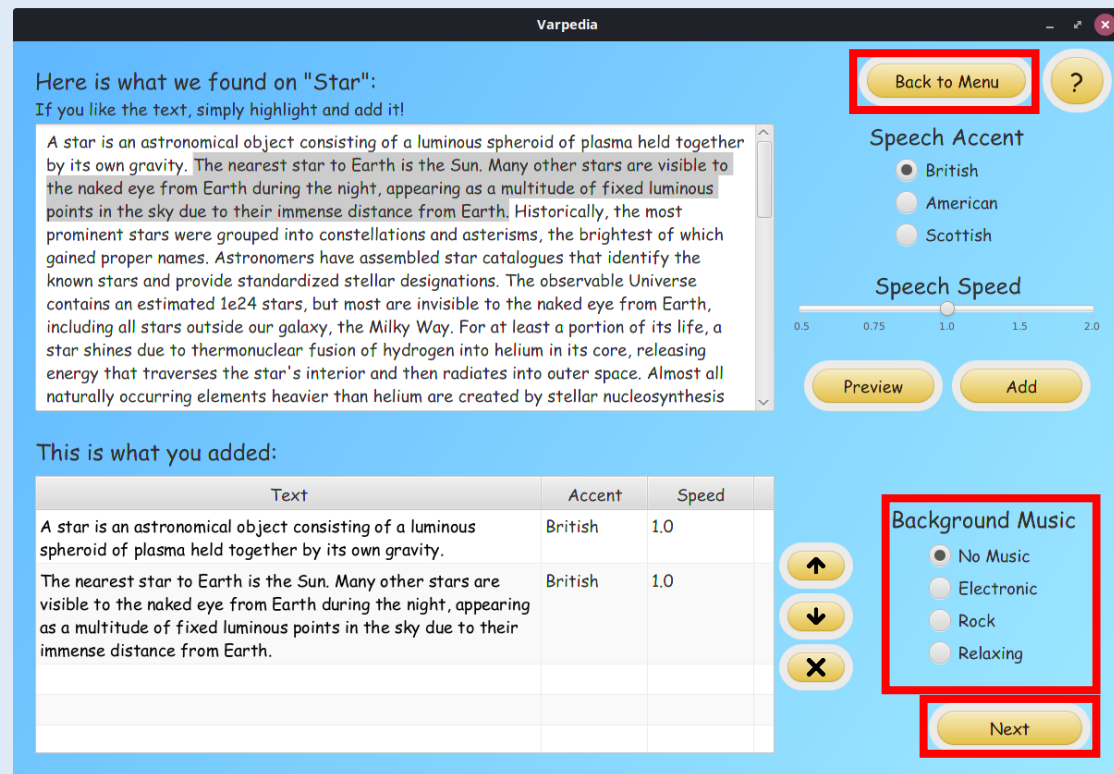


Figure 6 Choose Audio View 4

5. Once you are happy with the text you have added, choose background music that you want in your final creation and click "Next".
6. Clicking the "Back to Menu" button will take you back to the main page, and you will lose all your current progress, so only click it if you are sure!



## ○ Choose Pictures

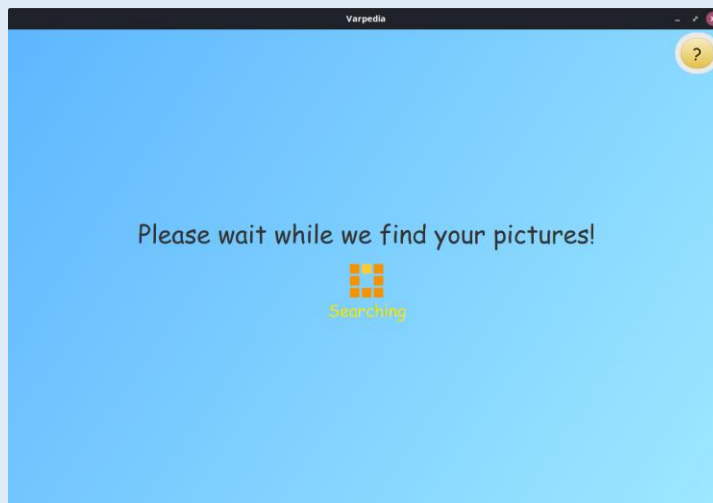


Figure 7 Choose Picture View 1

1. After clicking the "Next" button, this screen in figure 7 will be shown. The application will be busy finding photos for you! Once all the photos have been found, the screen shown below in figure 8 will be shown.

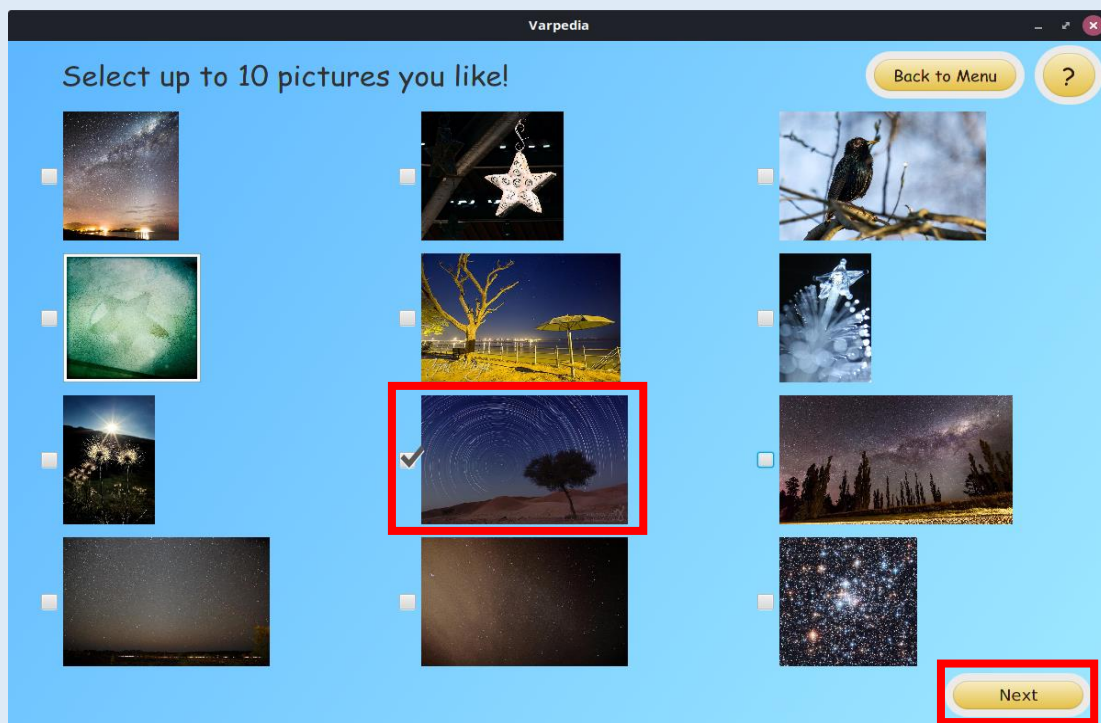


Figure 8 Choose Picture View 2

2. Click the pictures you like. You can choose up to 10 pictures to include in the creation, then click the "Next" button to go to the next screen.

## ○ Choose Name



Figure 9 Save Creation View 1

1. Enter the name of your creation in the white rectangle and click the "Create!" button. (figure 9)

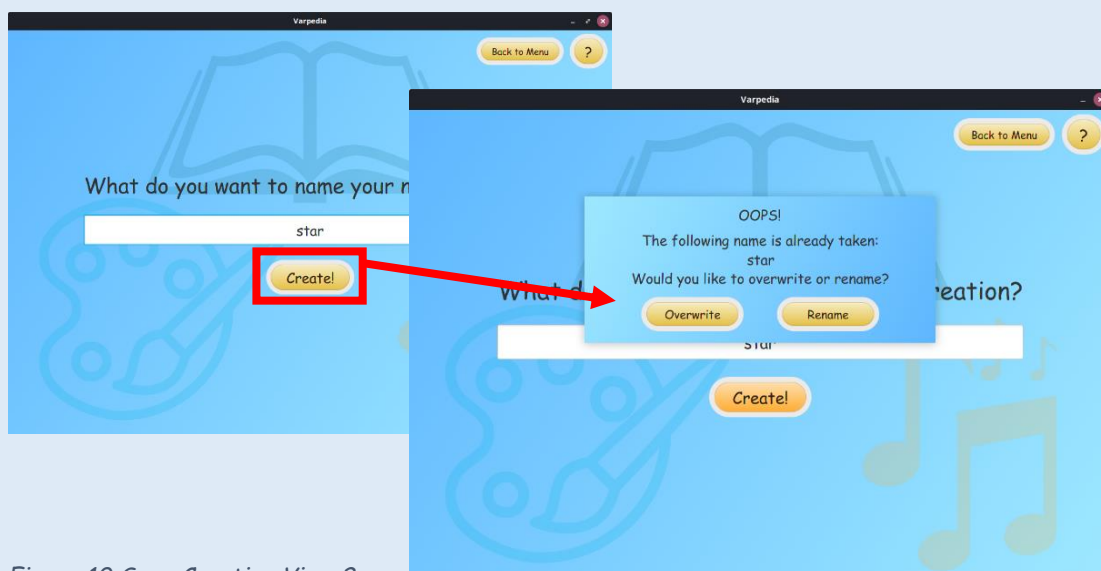


Figure 10 Save Creation View 2

2. If there is already a creation with the same name, a box will pop up and you can choose to overwrite the existing creation or choose another name.

## ○ *Creation Finish*



*Figure 11 Creation finish view*

When you finish making a new creation, the screen in figure 11 will congratulate you!

1. Clicking the "Play new creation" will start to play the creation that you just made.
2. Clicking the "Back to Menu" button will take you back to the main page.

## ➤ View Past Creations

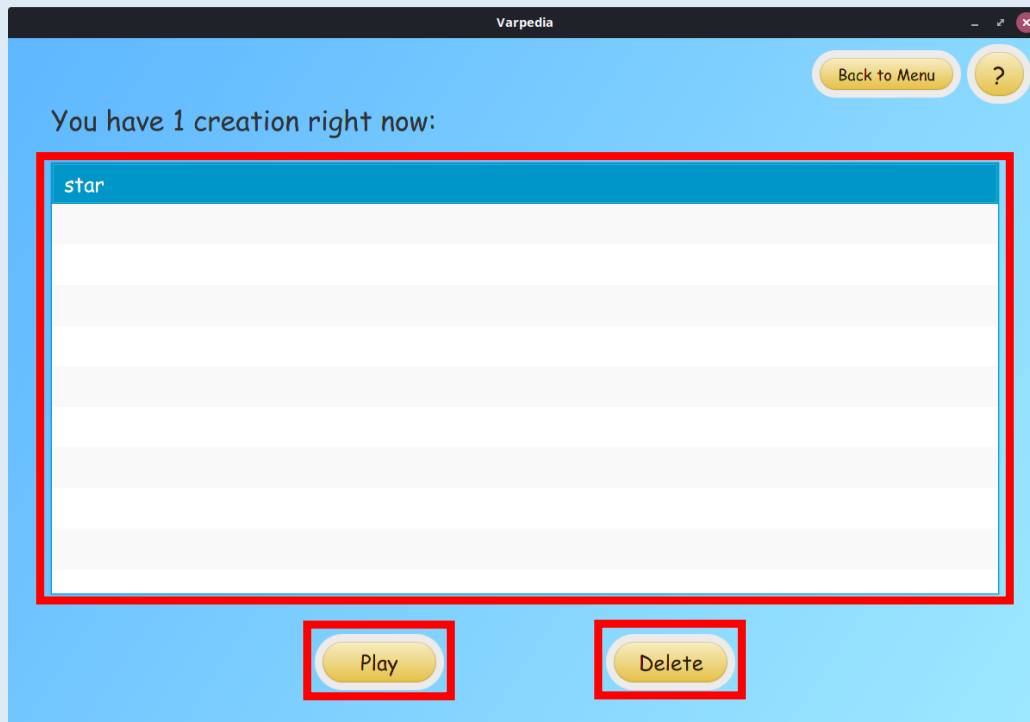


Figure 12 View existing creation

1. Clicking the "Past Creations!" button on the main page will take you to the screen shown above in figure 12.
2. To play or delete a creation, choose the creation name in the list, then click the Play/Delete button.

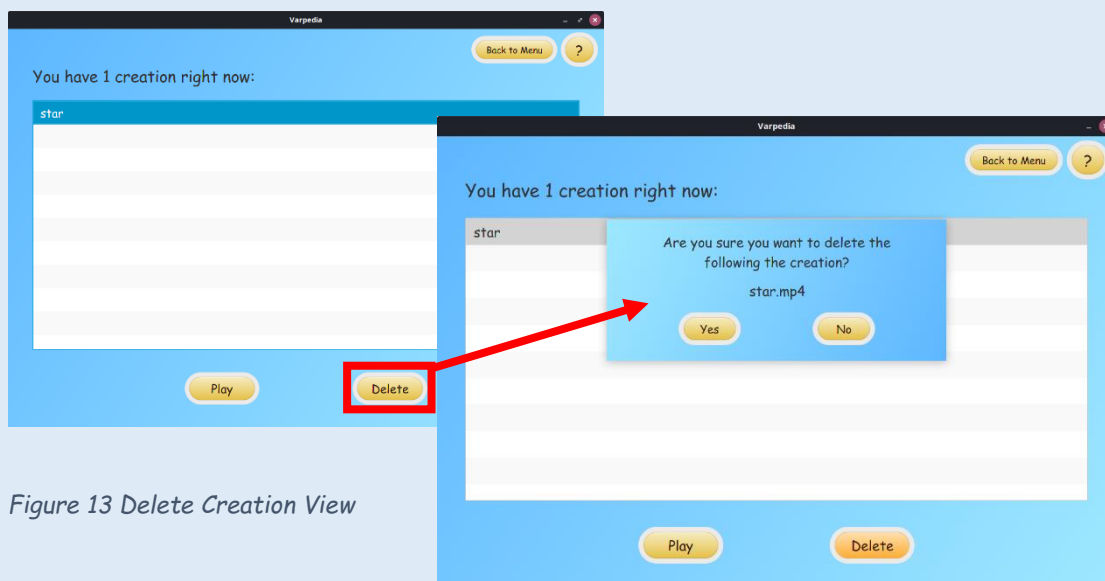


Figure 13 Delete Creation View

3. If you click the "Delete" button, a confirmation box will show up, asking you if you are sure (figure 13).

## ➤ Play Creation



Figure 14 Play creation view

1. Whenever you play any creation, you will see the screen shown above in figure 14. You can play/pause the video as well as use the slider to move around to different places in the creation. You can also change the volume using the slider at the bottom right.
2. Clicking the "Back" button will take you back to the screen you came from.

## ➤ Play Game

### ○ Start Game



Figure 15 Start game view

To play the game, at least 4 creations are required. Once you have at least 4 creations, you can choose how difficult you want the game to be (figure 15).

Easy - creations will have both audio as well as photos

Hard - creations will only have photos

Once you have chosen, the matching game will begin!



## ○ Match Answer



Figure 16 Play game view 1

1. Drag and drop the yellow labels at the top under the video that you think it matches with. If you make a mistake, you can also drag the labels back to the top as well.
2. Click the videos to play/pause/replay it.
3. Click the "Check" button if you think you have gotten them correct!



Figure 17 Play game view 2

4. After clicking the "Check" button, your answers will be marked. The following images will show you what was correct or incorrect:



Correct



Incorrect

Figure 18 Play game view 3

If you did not get all 4 correct, you can click "Try Again!" to fix your mistakes and check again.



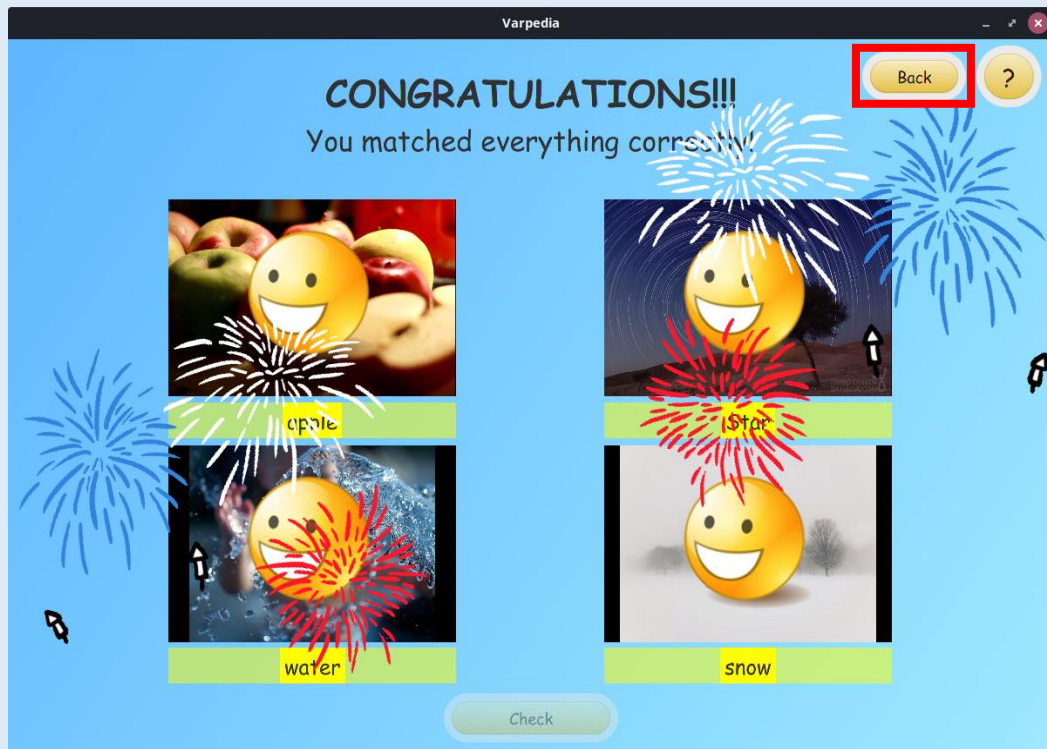


Figure 19 Play game view 4

5. Once you get everything correct, you will be congratulated by the screen shown above (figure 19).
6. Clicking the "Back" button will take you back to the screen where you get to choose the difficulty of a new game (figure 15).