
VARpedia - User Manual

BY GROUP 13 (COURTNEY HUNTER AND YUJIA WU)

TARGET USER: CHILDREN (7 – 10 YEARS)

USER MANUAL FOR PARENTS

TABLE OF CONTENTS

<i>Getting Started</i>	2
<i>Main Menu</i>	3
<i>Media View</i>	5
<i>Creation Process</i>	6
Search Page	6
Audio Page	8
Create Page	10

GETTING STARTED

Thank you for choosing VARpedia as your choice of children's learning tool.

VARpedia enables users to have a multimedia interface with Wikipedia. The user can make video creations that are made up of information pulled from Wikipedia and images from Flickr. The user then has the opportunity to play and delete existing creations.

VARpedia is currently compatible with the UG4 Beta Linux Image.

To begin the application through the runnable jar, first copy the jar, 'media' directory and the 'run.sh' script into a folder where you wish to run VARpedia. In this directory in the terminal, the application can be launched through running the script. Simply enter './run.sh' into the terminal and press enter.

When the application is first launched you will be taken to the Main Menu. A hidden "creations" folder is made in the directory the application was run in, which will hold all the creations and information needed to run this application.

MAIN MENU

The main menu is the entry point to the application VARpedia.

The user can see all existing creations from this view, choosing to play or delete them. The user can sort the creations based on any of the given options in the drop-down list. This view allows the user to begin the process of making a new creation which will then be added in the list.

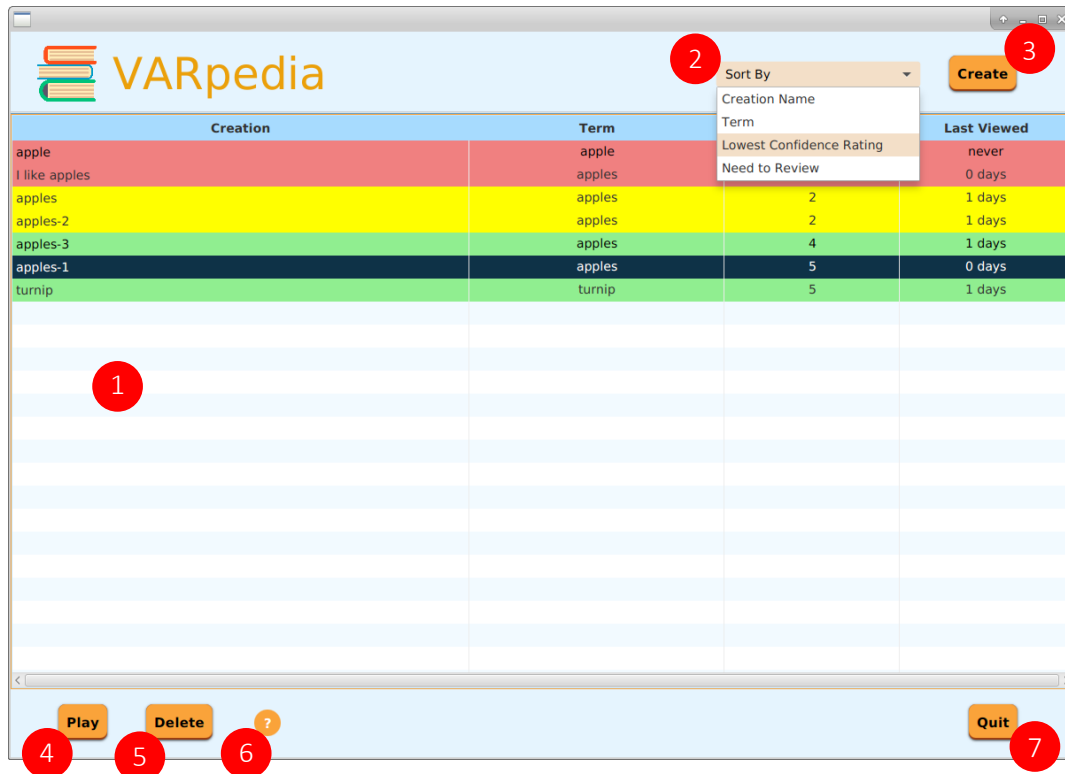


FIGURE 1: MAIN MENU VIEW

- 1 List of Creations:** The list shows the important information about the creations saved. The creation name, term, confidence rating and time since viewed in days can be seen. The list is sorted by confidence rating first, then last viewed, term and finally the creation name.

The creations are coloured based on their need for review, based on the confidence rating given by the user.

- The red creations are the most in need of review, where the creation does not have a confidence rating, or the confidence rating is 1.
- A creation is yellow when it should be reviewed, but is not as important as the creation coloured red. These creations have a rating of 2 or 3.
- A green creation means the user is confident. These creations have a rating of 4 or 5.

- 2 Sorting Options:** The drop-down menu allows the user to determine the sorting settings. It allows them to choose the priority.

- 3 Create:** This button allows the user to begin the creation process, where the user can make a new creation. The user is first taken to the Search Page (see page 6).

4 **Play:** This button allows the user to play a creation. The button is only enabled when the user has selected a creation in the list to play. The user will be taken to the Media View to watch the creation.

5 **Delete:** This button allows the user to delete a creation. The button is only enabled when the user has selected a creation in the list to delete.

The user is asked to confirm they wish to delete the creation selected with an alert box (seen in Figure 2: Delete Confirmation).

- **Ok:** To confirm the creation should be deleted
- **Cancel:** To stop the creation from being deleted

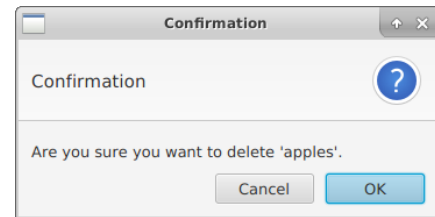


FIGURE 2: DELETE CONFIRMATION

6 **?:** This is a help tooltip. Hovering over the this explains why the 'Play' and 'Delete' buttons are disabled. It reminds the user to select a creation in the list before playing or deleting.

7 **Quit:** This button gives the user an easy way to exit the application.

MEDIA VIEW

The media view page allows the user to play a creation (seen in Figure 3: Play Page). The user will have selected which creation to play in the Main Menu (see page 3). The creation will automatically begin playing when the page first loads.

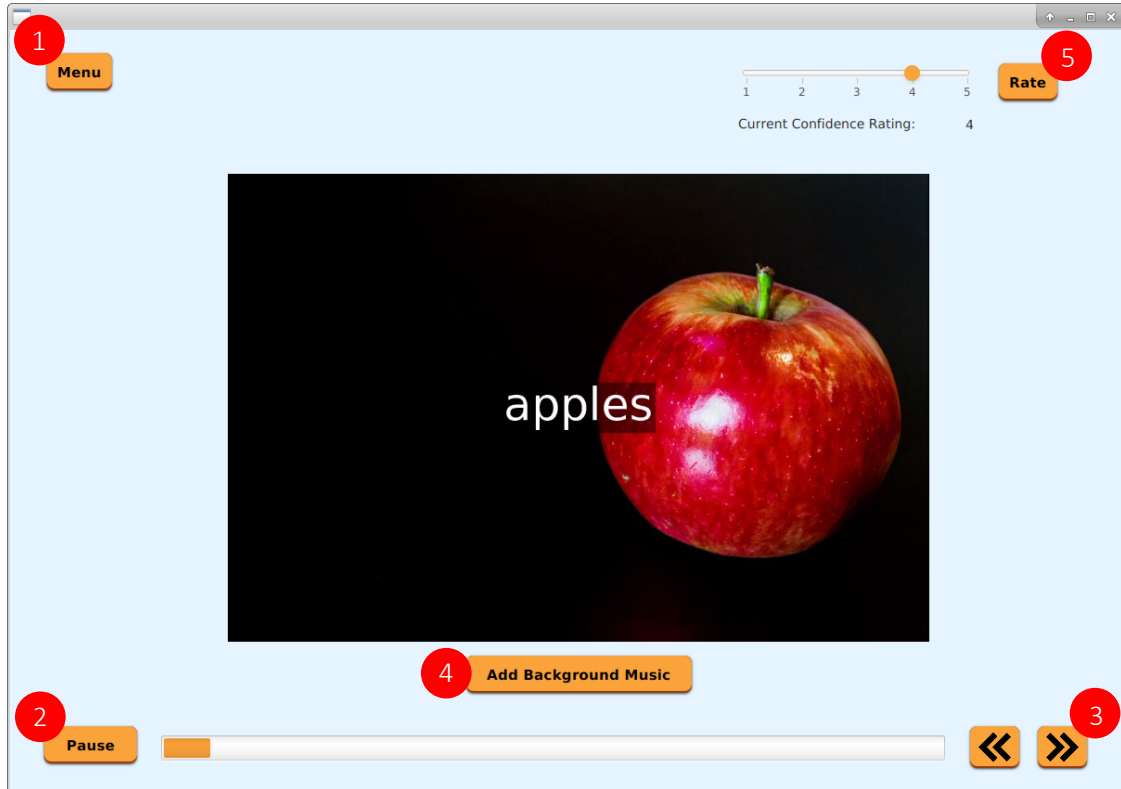


FIGURE 3: PLAY PAGE

- 1 **Menu:** This button allows the user to return to the Main Menu (on page 3).
- 2 **Play/Pause:** This button allows the user to pause or play the creation depending on whether the creation is currently playing. When a creation is paused, if the background music has been added it will stop also.

When the creation video has ended this button will become a 'Replay' button, allowing the user to restart the creation.
- 3 **Forward/Backward:** Allows the user to skip forwards and backwards 3 seconds in the creation video.
- 4 **Add/Remove background music:** The user can choose to add or remove background music to the creation. The background music will only play when the creation is playing as though it is part of the video.
- 5 **Rate:** The user can determine their confidence with the creation by using the slider to determine a rating out of 5 and click the 'Rate' button to save the rating. This rating will then be saved with the creation.

CREATION PROCESS

The user can start the creation process by clicking the 'Create' button in the top right corner of the Main Menu (see page 2). They will first be taken to the Search Page.

SEARCH PAGE

The search page is where the user has the ability to search any term, which will then be searched on Wikipedia. The result of the search then appears in an editable text field below.

Once the user has edited the text to a point where they are happy, they can click the 'Continue' button to move onto the next stage of the creation process.

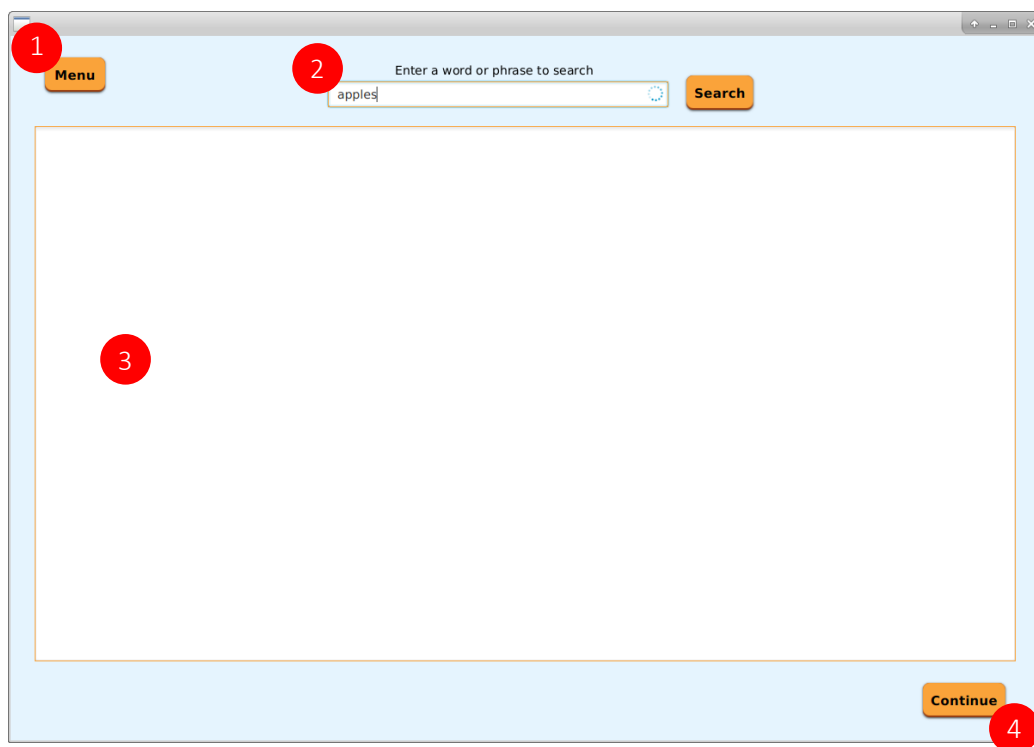


FIGURE 4: SEARCH PAGE

1 **Menu:** This button allows the user to return to the Main Menu (on page 3).

2 **Search:** This is where the user enters the term into the text field. To search the term the user can then either:

- Press the 'Search' button next to the text field **OR**
- Press the enter key

While the term is being searched there is a progress indicator to indicate that the search is happening.

The user will be alerted if the word or phrase they searched was invalid through a warning alert.

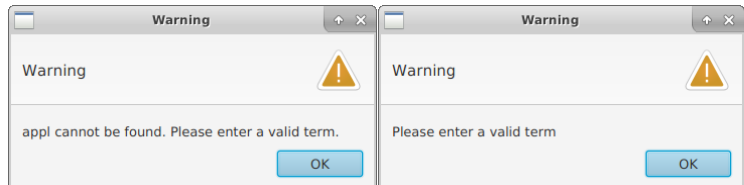


FIGURE 5: SEARCH FAILED

3 **Result:** This text field is where the result of the search will appear. The user can then edit the result before continuing.

4 **Continue:** This button allows the user to submit the current text and continue to the Audio Page (see page 8).

The user will be alerted warning them when they have not searched a valid term or there is no text in the results field.

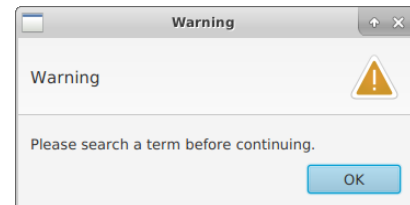


FIGURE 6: SEARCH BEFORE CONTINUING

This page allows the user to preview and save audio files with specified voice and mood options. They are able to rearrange, play and delete saved audio files when selecting them in the audio table.

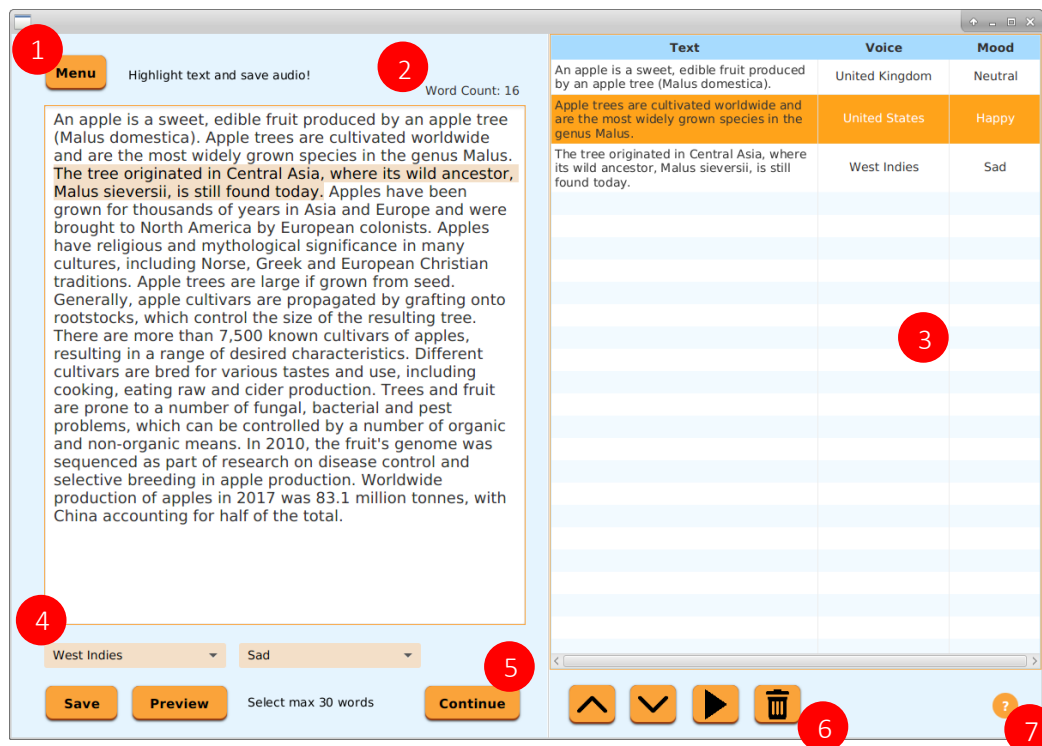


FIGURE 7: AUDIO PAGE

1 Menu: This button allows the user to return to the Main Menu (on page 3).

At this point in the creation process, the user has made some decisions. If they were to return to the main menu all of these decisions would be lost. When the 'Menu' button is pressed, the user is asked to confirm they want to abandon their creation. This can be seen in Figure 8: Confirm Return to Menu.

- **Ok:** When this button is pressed, the user will be taken back to the main menu as they have confirmed they understand the consequences.
- **Cancel:** When this button is pressed the user will not be taken back to the main menu as they have indicated that they want to stay on the current page and continue the creation process.

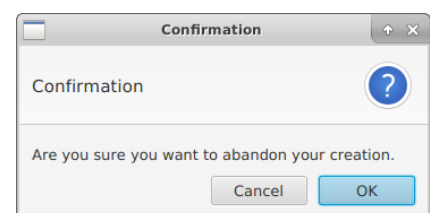


FIGURE 8: CONFIRM RETURN TO MENU

- Word Count:** This shows a running total of the number of words highlighted in the text. This is helpful for the user as their audio clips can have a maximum of 30 words in them.
- Audio List:** This shows a list of all audio clips saved. The user can see the text, voice and mood settings associated with each audio clip.

- 4 **Save/Preview:** This area of the audio page allows the user to preview and save audio clips.

The user must first select text from the text area as can be seen in Figure 7: Audio Page. The save and preview buttons will be disabled until a valid amount of text is highlighted. The user must select a maximum of 30 words, and must highlight something.

Once text is highlighted, they can then determine the voice and mood settings. This can be seen in Figure 9: Voice and Mood Settings.

If the user does not select a mood or voice setting, the default will be applied. The default settings are:

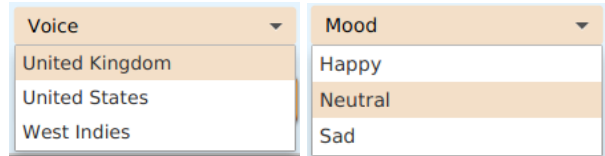


FIGURE 9: VOICE AND MOOD SETTINGS

- o Voice: United Kingdom
- o Mood: Neutral

The user can then press the 'Save' button to save the audio, which will then appear on the audio list, or press the 'Preview' button to hear how the audio would sound with the text, voice and mood settings.

- 5 **Continue:** This button allows the user to continue to the Create Page (see page 10). The audio saved on this page will be merged and used in the final creation.

The user must save some audio before continuing to the next page. If they attempt to continue before saving some audio, they will be alerted that they must save audio before continuing. This can be seen in Figure 10: Save Audio Alert.

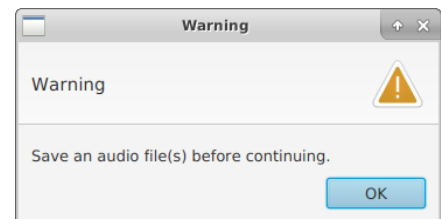


FIGURE 10: SAVE AUDIO ALERT

- 6 **Edit Saved Audio:** These buttons seen in Figure 11: Edit Saved Audio are disabled until a user has selected some audio from the list of saved audio.

- o The two leftmost buttons seen in Figure 11: Edit Saved Audio allow the audio to be moved up and down in the list. The selected audio will then move up and down in the list accordingly.



FIGURE 11: EDIT SAVED AUDIO

- o The third button from the left allows the user to play saved audio. This is important so that the user can decide where in the list the audio should be and whether the audio should be kept.
- o The button furthest to the right allows the user to remove the audio from the saved audio list.

- 7 **?:** The help tooltip can be seen by hovering over it. It tells the user how to enable the buttons seen in Figure 11: Edit Saved Audio. When there is no audio saved, the tooltip will remind the user to save some audio. If there is some audio saved it will advise the user to select some audio from the list.

CREATE PAGE

This page allows the user to decide on a name for their creation. Images are displayed based on the term for the user to select from to be added to their creation. The user can then chose to make the creation.

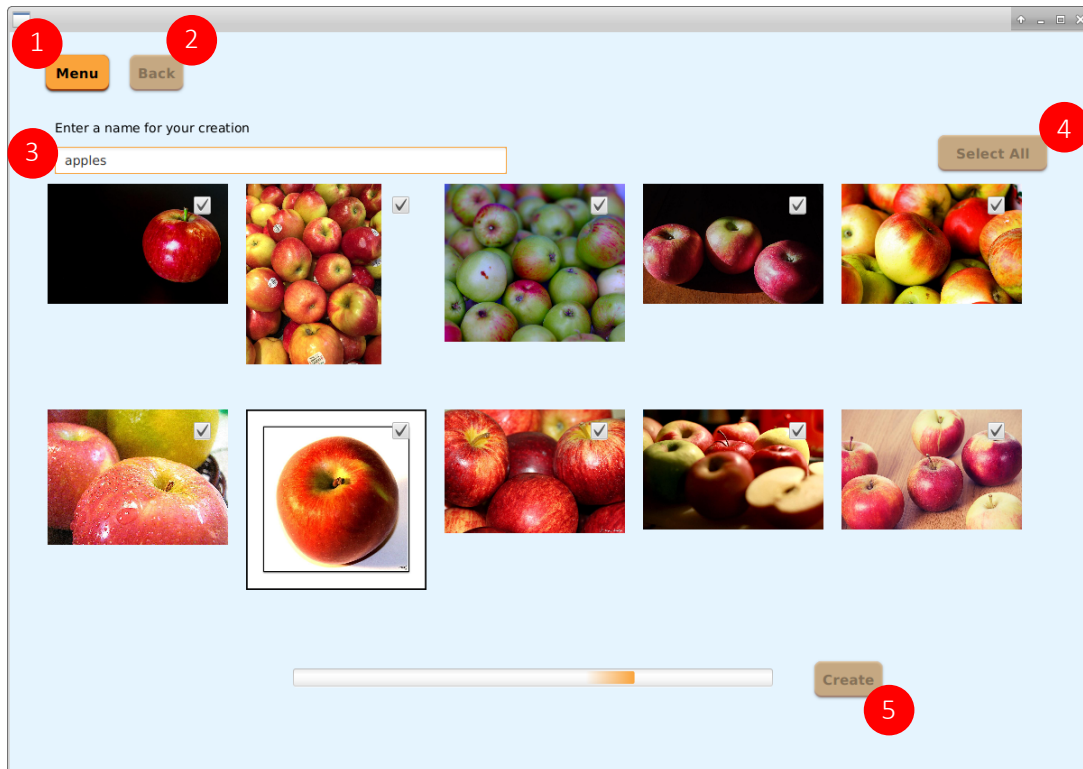


FIGURE 12: CREATE PAGE

- 1 **Menu:** This button allows the user to return to the Main Menu (on page 3).

At this point in the creation process, the user has made almost all the decisions. If they were to return to the main menu before making the creation all of these decisions would be lost. When the 'Menu' button is pressed, the user is asked to confirm they want to abandon their creation. This can be seen in Figure 8: Confirm Return to Menu.

- **Ok:** When this button is pressed, the user will be taken back to the main menu as they have confirmed they understand the consequences.
- **Cancel:** When this button is pressed the user will not be taken back to the Main Menu as they have indicated that they want to stay on the current page and continue the creation process.

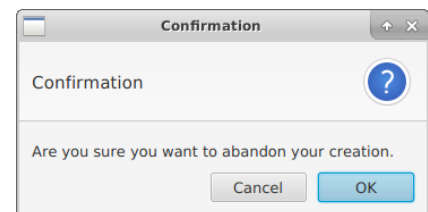


FIGURE 13: CONFIRM RETURN TO MENU

After the creation has been made the user is able to go back to the Main Menu without any alerts. Their creation will appear in the list of creations indicating that it is not ready.

- 2 **Back:** This button allows the user to go back to the Audio Page to change the audio saved. Once the user is satisfied with the audio, they can return to this Create Page as normal.

- 3 **Creation Name:** This text field allows the user to determine the name for the creation. There is a name supplied to the user based on the term searched so that if they do not want to think of a name, one will be provided.
- 4 **Select All:** This button allows the user to select all ten images displayed instantly. Alternatively, the user can select the checkboxes, determining which images should be included in the creation.
- 5 **Create:** This button allows the user to confirm all the details of their creation and begin creating it.

The user is alerted if they have not entered a creation name or selected at least one image. They must then fix this.

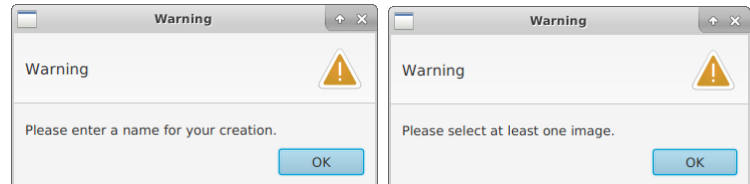


FIGURE 14: CREATE PAGE WARNINGS

The progress bar shows that the creation is currently being made. The 'Back', 'Select All' and 'Create' buttons will all be disabled to avoid the user from accidentally pressing them after the creation has started being created.

The user can return to the Main Menu while the creation is being made and the creation will appear in the table shown as not ready. The user may also stay on the same page until the creation is made.

Once the creation is made, the user will be alerted that the creation is ready, and they will be taken back to the Main Menu with the next creation appearing on the list of creations.