

**TALKBOX SOFTWARE****USER MANUAL****Version <vF>****GROUP 8****THANH HUYNH, ANAS ISHTIAQUE, LINWEI WANG****2019.04.03**

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## I. Introduction:

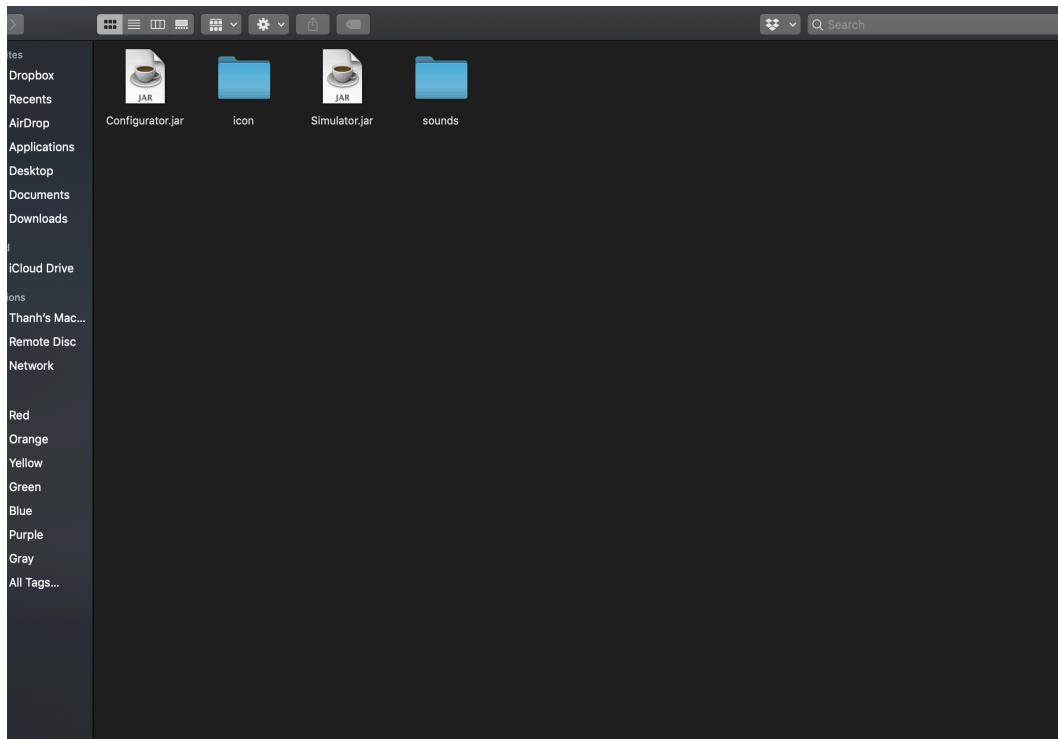
The purpose of the TalkBox application is to introduce a virtual environment allowing the simulation of a TalkBox. This software is suited towards users who are unable to speak or do not want to speak.

The software uses simple drag and drop to help people add audio files and icon on the buttons.

The number of buttons in the app is configurable.

## II. Get Started

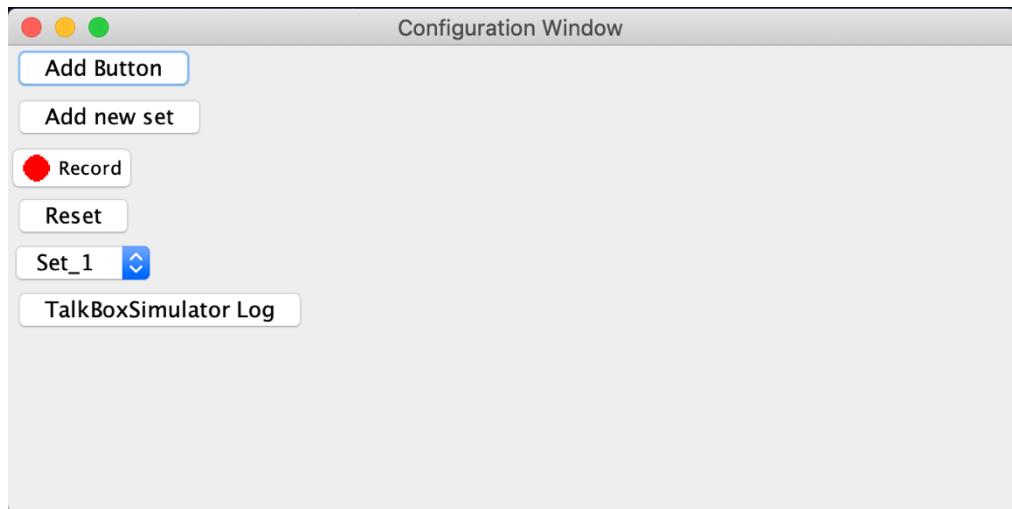
- I. Go to : <https://github.com/AnasIshtiaque/TalkBox.git>
- II. Download the zip file TalkBoxApp.
- III. Find files in your download folder
- IV. Unzip the TalkBoxApp.zip file
- V. Inside the folder TalkBoxApp, there will be two apps that you can use. One is the Simulator.jar, which is the main app. The other one (Configurator.jar) is the Configurator App where you can add more buttons including the image and sounds for according button. Note that the Software might not run properly on Window and Linux Operating System.



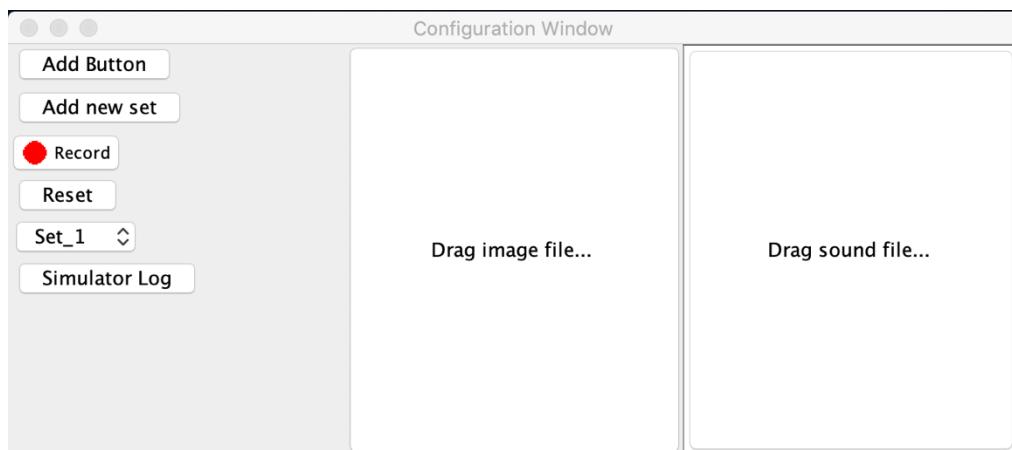
Screenshot shows how the files should have.

### III. How to use Configurator

1. After you open the Configurator App, this is what it will be like:

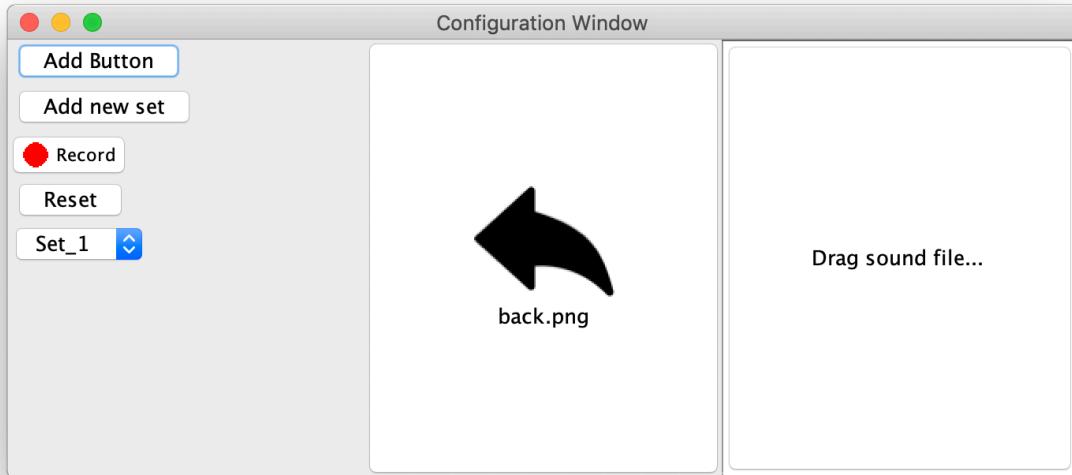


2. Press the button "Add Button":

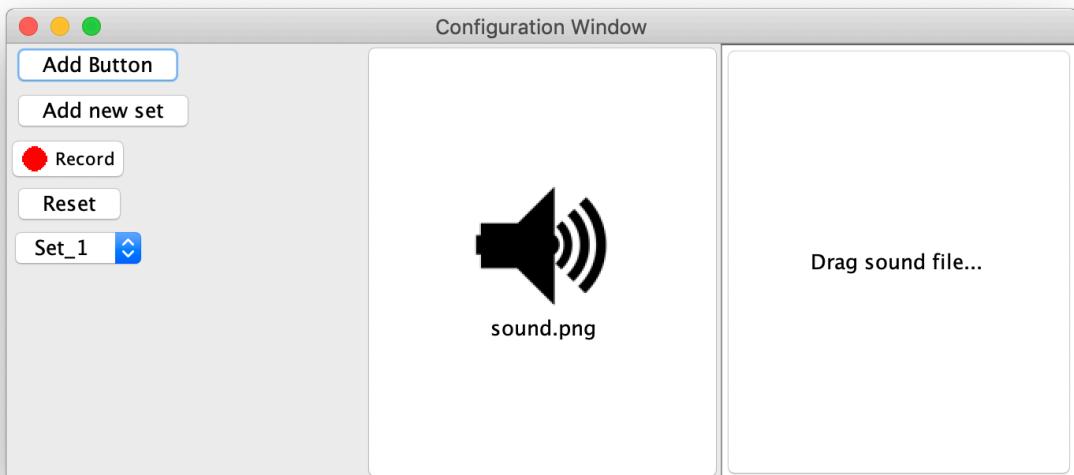


There will pop two windows.

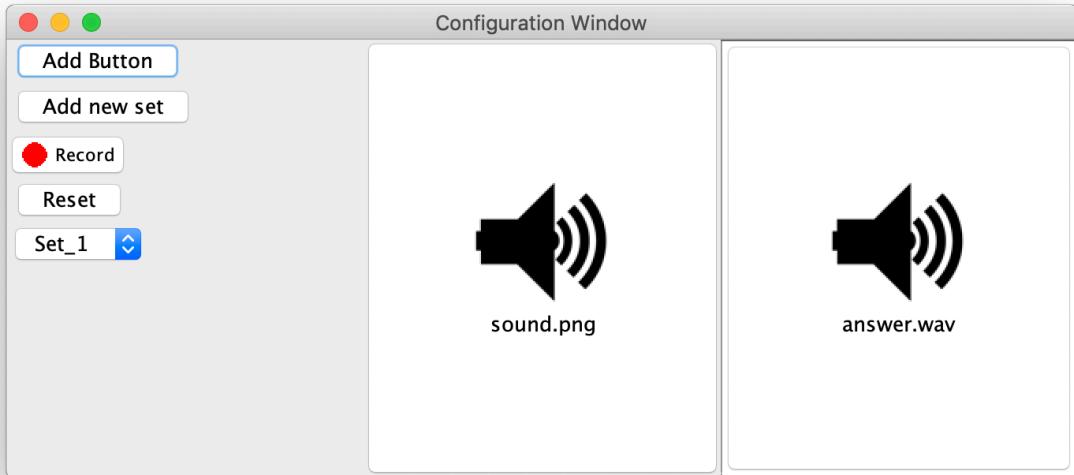
3. Drag and drop any images from the icon folder or any other images have .png as extension:



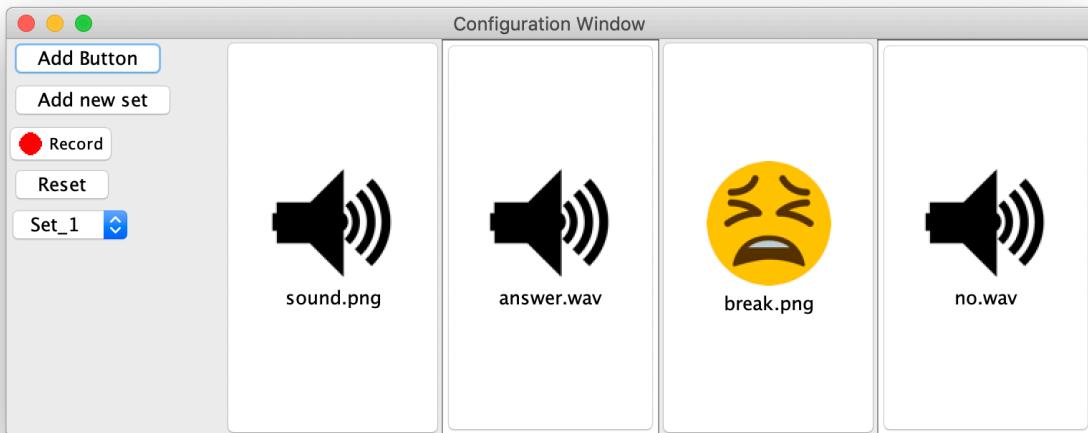
If you want to change another photo, just drag and drop another icons on the same position.



In the same way, you can add your audio file to the button by drag and drop the audio file on the right window. If the audio file successful dropped, there will appear an sound audio icon.



After you finish editing the first button, press the “Add” button to add a new button. Then add you pictures and audio file in the same way.



- **Reset Button:**

If you want to reset buttons, just press Reset button, the configurator will be reset. All the audio files and icons will be removed from configurator.

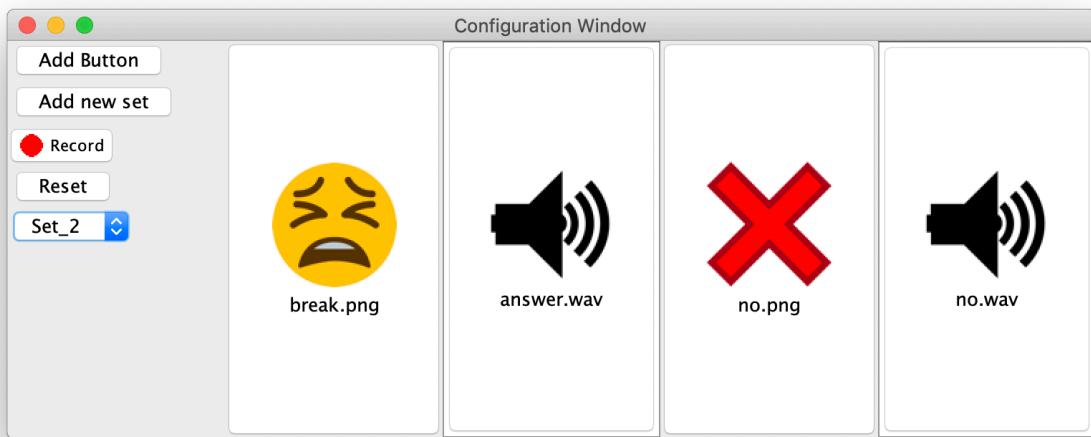
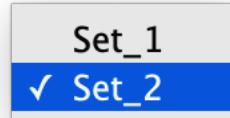


- **Record audio:**

If you want to record your own sound, just simply press Record button. If the sound is recording, the icon of Record button will be change to stop icon. After you finishing recording sound, just press stop button. You can press "Press to play" to hear.



If you want to add a new set, just press “Add new set” button. After pressing button, all the file in set one will be saved, and you can not edit them. Then you need to chose set\_2 in the set selection. You can just keep adding files in the new set, previous set button will not disappear.



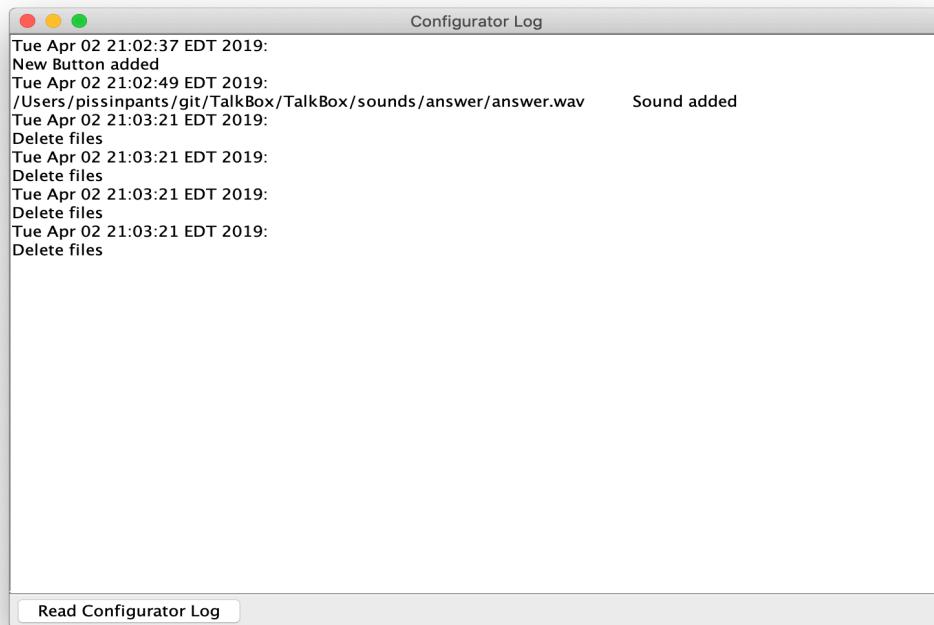
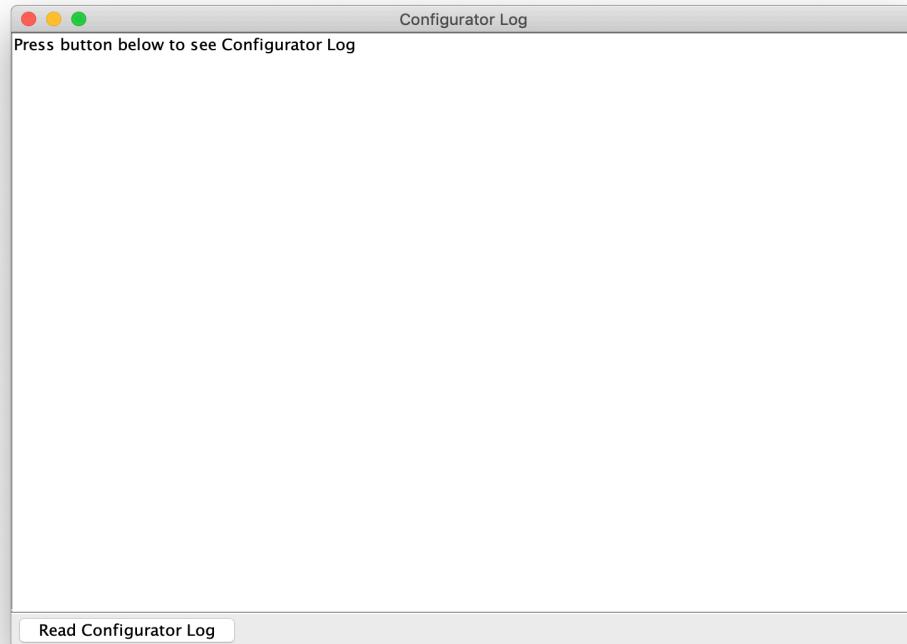
- **Saving files:**

If want to save file, just close the window. Then another window will pop up. Choose “Yes” to save, no to exit.



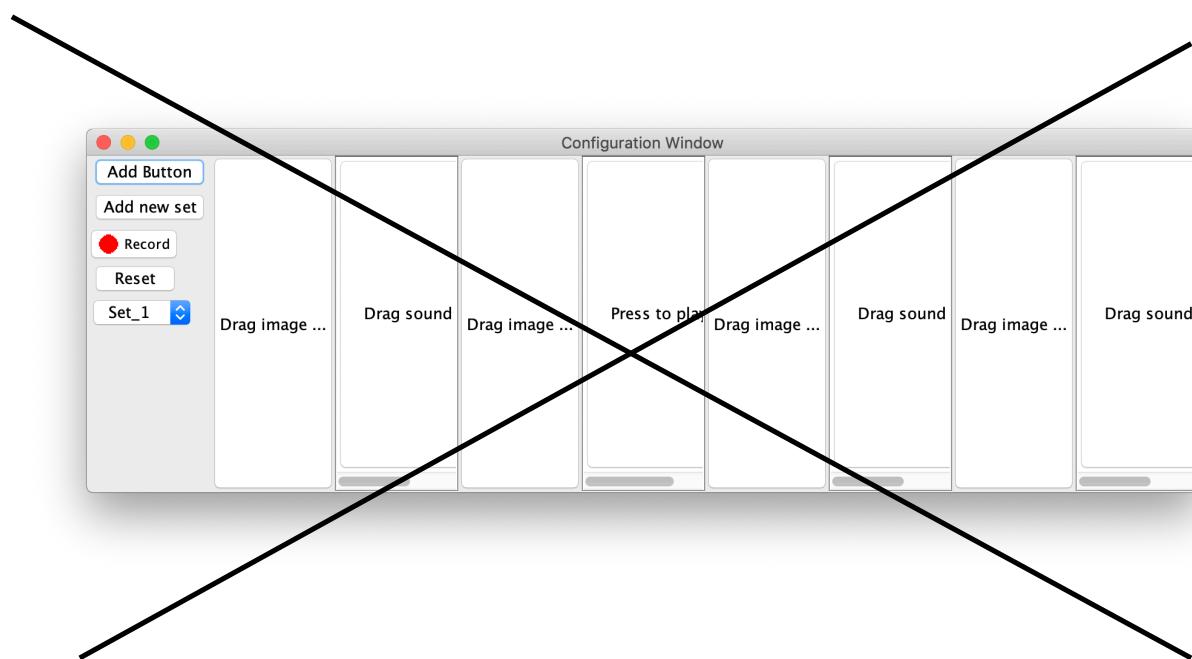
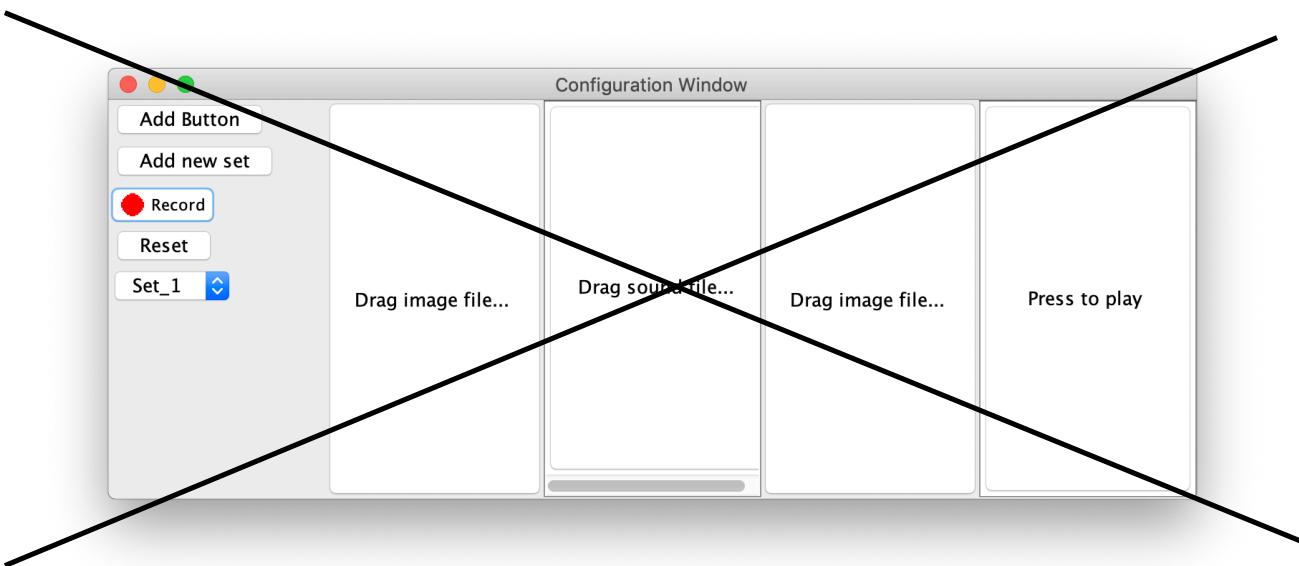
- **Configurator Log:**

If you want to see the configurator log, you can simply open TBCLog app. Then press the “Read Configurator Log” button.



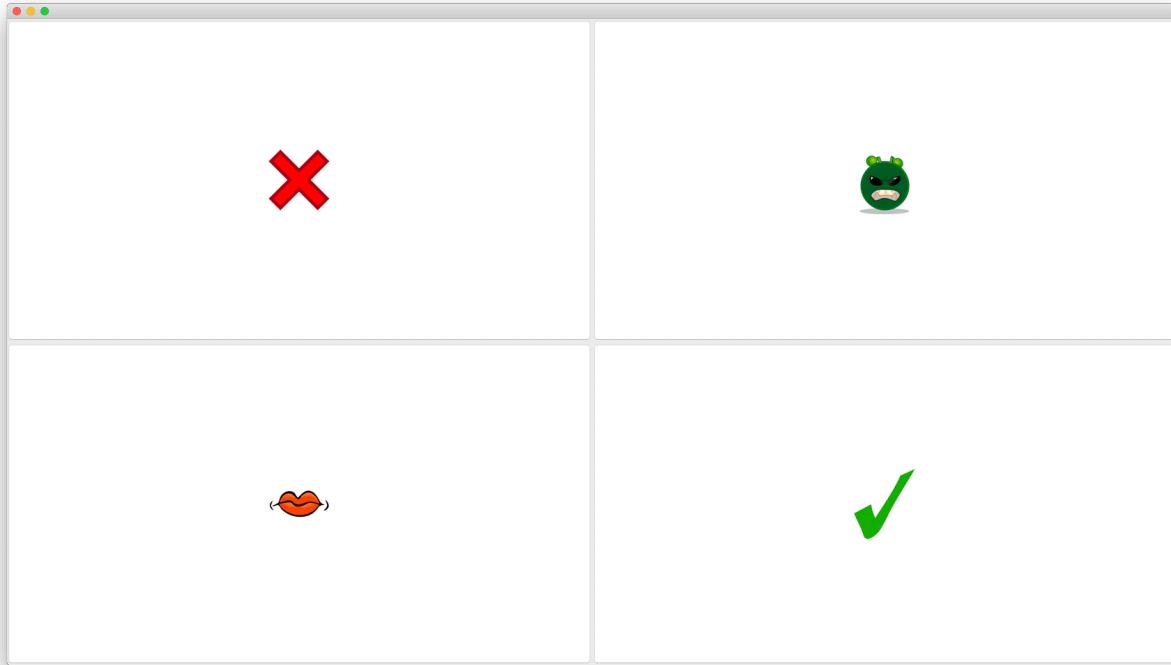
#### IV. Configurator Caution:

You can change or add images on the current button any time you want but you cannot change images after you dragging an audio file on right window. Only press “Add” button after you finish adding audio files. Do not drop several audio file on the right window. Remember, the audio file can only be added once per button. You must have an icon on each button before you drag the audio file on right window or no icons for all buttons at all. You cannot record a sound if previous button was not edited.



## V. How to use simulator:

After you finish editing configurator. Open the file simulator.java  
The first row will be you Set\_1, the second row will be you Set\_2;

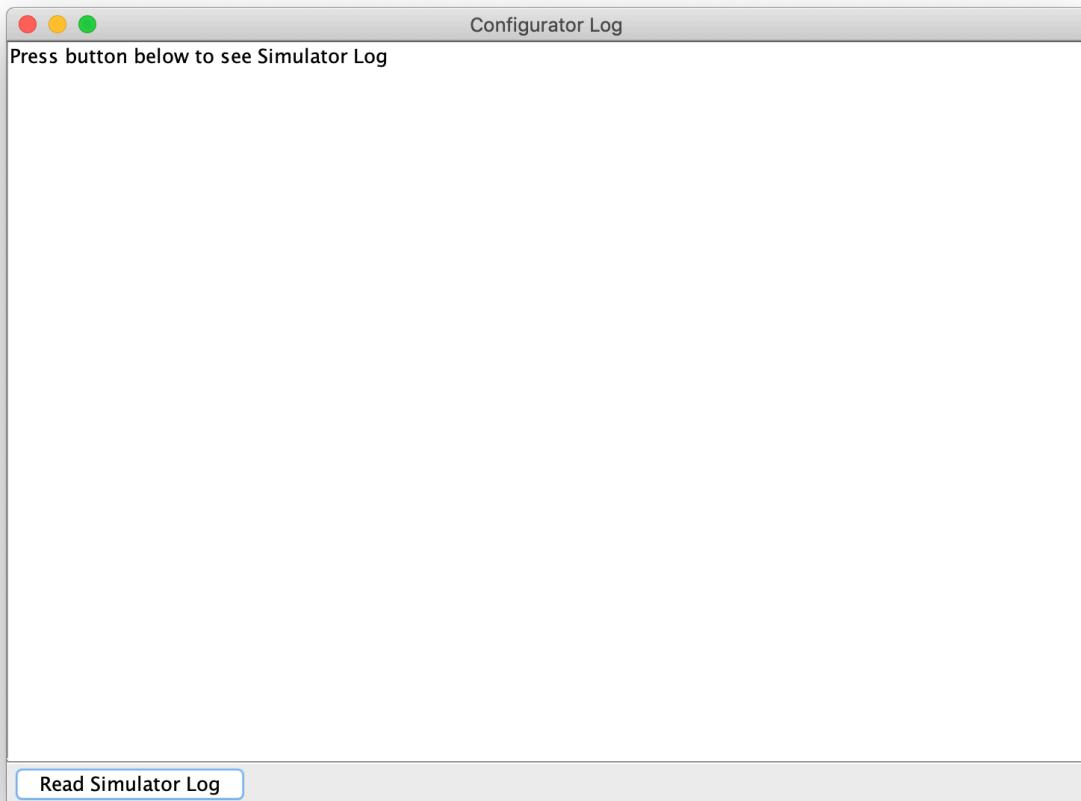


- **Reset simulator:**

If you want to reset the Simulator, you can simply go back to the Configurator, then press the “Reset” button. You can press several times to ensure that the Simulator is being reset.

- **Simulator Log**

If you want to see simulator log, just open configurator app, then press the “Simulator Log” button. Then press “Read simulator Log”.



## VI. Simulator Caution

You cannot open an empty Simulator; you must use Configurator first to configure the Simulator buttons before you can use the Simulator.

You must have same number of buttons for each set.