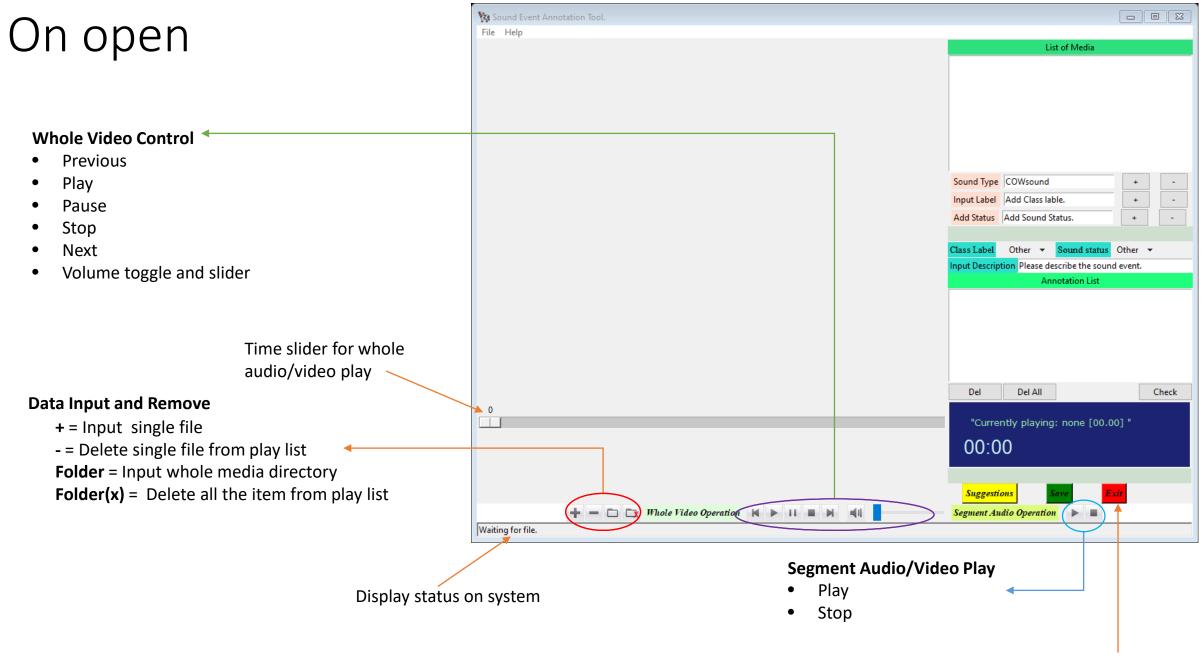
Sound Annotation Tool Guidelines

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Exit button which first save the annotation and close playing audio and video then exit the whole window.

Waiting for file.

File: Help: **Open File About us:** Small description of tool. Exit System Requirement: Software and package requirement for tool - D X List of Media

Sound Type COWsound

Input Label Add Class lable.

Add Status Add Sound Status.

put Description Please describe the sound event.

Del All

Segment Audio Operation

"Currently playing: none [00.00] "

Del

00:00

Suggestions

Annotation List

Option menu for choosing right label and status during annotation.

Entry field for describe each event in terms of environmental condition

Suggestions button suggest the possible area of event occurrence in Mel-spectrogram (using bounding box and class label)

+ - Whole Video Operation

Check

Display all the input file to GUI

Input Sound type, class label and sound status. The sound type is used for saving all the annotation information (label and status) with this name on text file. The inputted label and status is updated on corresponding option menu just below. The '+' and '-' button right to each entry wedge is for input and clear.

Display all the annotated onset, offset, status and description of individual sound event. The Del button can delete a selected annotation and Del All delete all the annotation of a single media. The check button is for checking and correcting any previous human annotation or system outcome.

It display the current playing media filename, total length of media and current time of playing media

Save button save annotation in two .csv files (one for individual file and one for all) with Filename (with data path), onset, offset, class Label, status (normal, hungry, angry, mating etc.) and Description of event in terms of environmental condition.

On Data Load

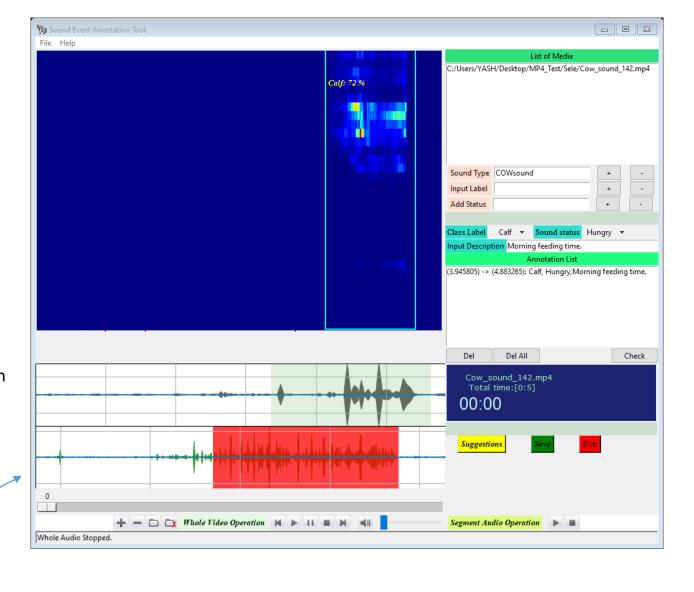
Mel-spectrogram display of audio

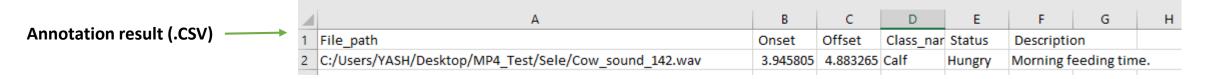
(If input is video then the system automatically extract audio and save it on save location and then display it's Mel-spectrogram)

WAW: Whole Audio Display in waveform (Any length)

SAW: Segment audio (selected audio in whole audio)

SAW is the area for annotation. On drawing on the waveform audio representration, the onset and offset points will automatically save on Annotation List. SAW also have zoom-in and zoom-out facility for better view.



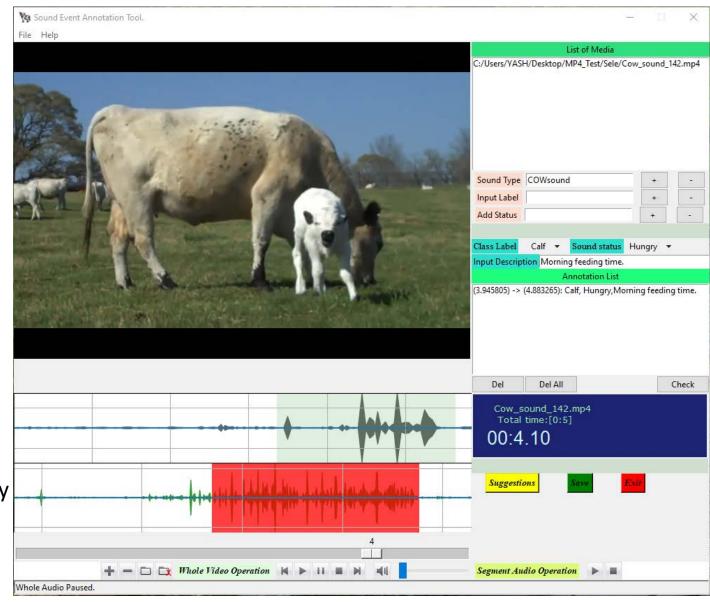


On Play

Random access on video play

Random access on whole audio play (with animation)

Play selected area only (with animation)



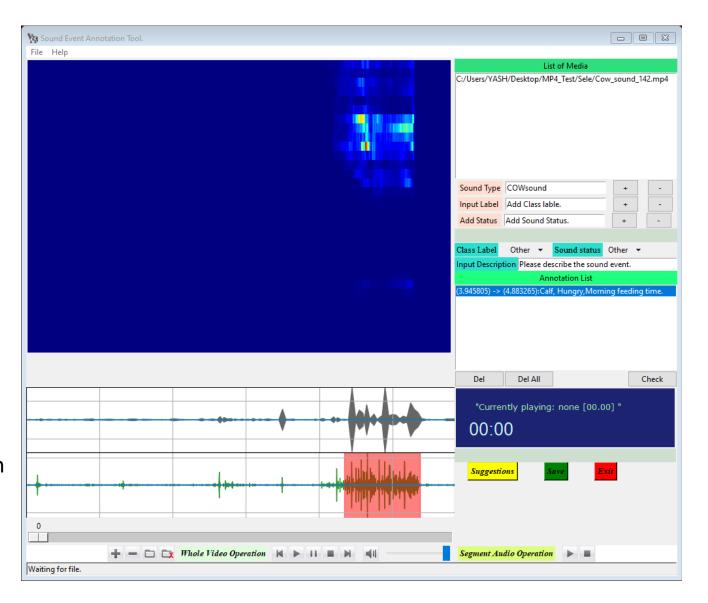
On Check

Condition:

- 1. The annotation .CSV file must have same data format as the annotation tool.
- 2. Audio name must be same as .CSV file name.

Process:

Here, annotation is already save and on loading the same audio again, the annotation automatically load on system. If we select the annotation on Annotation List and click on check button, the automatically highlights the corresponding area on SAW (must refresh the area just by one click on WAW or SAW)



Thank you