Software Project Documentation

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1 AIM

To make a program that plays random songs out of a given list.

2 FUNCTIONS

update_song_count():
This function updates the song count in the list

randomize_song():
This function selects a random song out of the list and calls play_song()

play_song():
This function commands the player to play the current selected song

stop_song(): *This function stops playing the current song*

pause_song(): *This function pauses the current playing song (also can be used to resume)*

resume_song(): *This function resumes the paused song (cannot be used to pause)*

3 MISCELLANEOUS

Modules/Packages used
1) tkinter https://docs.python.org/3/library/tk.html
2) random https://docs.python.org/3/library/random.html
3) vlc https://wiki.videolan.org/Python_bindings/

4 OUTPUT

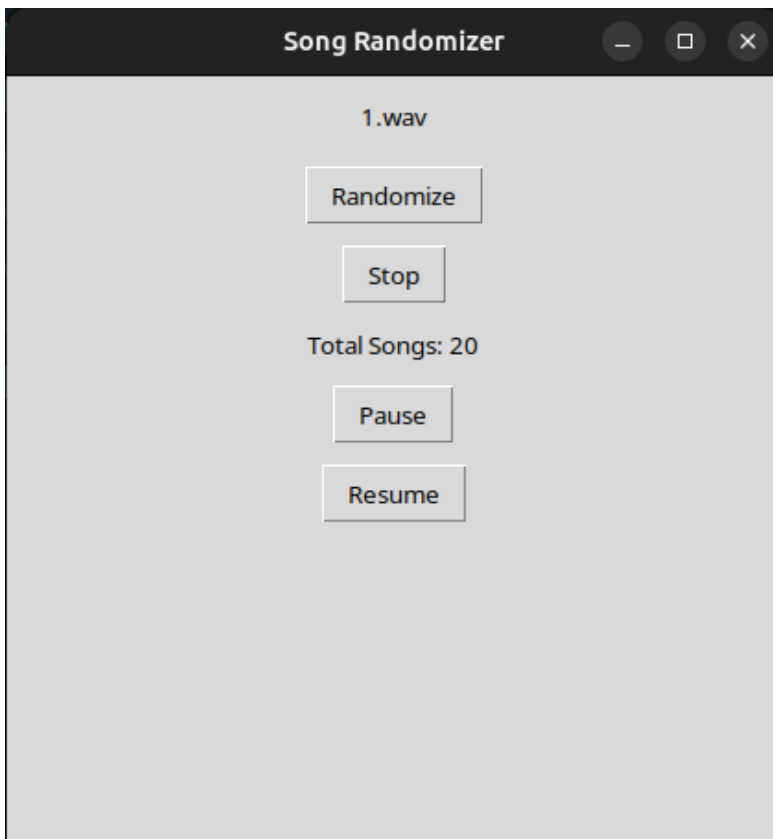*The student is with the Department of Electrical Engineering, Indian Institute of Technology, Hyderabad 502285 India e-mail: ee22btech11216@iith.ac.in.

Fig. 3. Sample output image