Department of CSE
School of Technology, Hyderabad

Viva-4

on

Implementation of Music Player with your playlist

Data Structures Lab (CSEN2001)

Write a C program for the question below and provide source code, output screenshots, and a recorded zoom video URL (after uploading it to Google Drive) of the song playing (at least for 5 to 10 seconds). You are required to upload the pdf file with answers on or before by the coming Friday, i.e., **01-011-2024 9.59 PM.** Each student is required to submit solutions in a pdf file on **Glearn.** This **viva-4** assignment will be evaluated for **five marks.**

Question description details are as follows:

1. Write a C program to implement a music player and play songs from your playlist (of your favourite songs) using a circular linked list. For this task, **SDL2 and SDL2_mixer** libraries are to be used to enable the songs to play. These libraries are meant to load and play songs from the playlist and provide a user interface to choose songs. Your task here is to implement a music player with the option of playing the song from the selected song. Your playlist is expected to have at least 2 to 5 songs (you may need to specify the file location of mp3 songs on your system)

   Sample Test Case:

```
sivakumar@sivakumar:~/advanced_coding/music$ ./playlist
Playlist:
1.mp3
2.mp3

1. Play Current Song
2. Next Song
3. Previous Song
4. Exit
Enter your choice: 1
Playing: 1.mp3
```

Submission Guidelines and Deadline

- Provide **source code** in C in a Word file for the above implementation of the music player question, **output screenshots**, and **recorded zoom video link of songs** playing at least 5 to 10 seconds on your system.

- **How to share the recorded Zoom video link?:** First, keep your Zoom recorded video ready and start recording, then run the music play program and then show the song playing. Let the song play for 5 seconds to 10 seconds, and then stop recording. After recording, you upload the video file to Google Drive, then click on sharing it and give view permission to everyone. This URL should be provided in this Word file.
- **Convert the above Word file into a PDF file and then upload this PDF file on the learn lab course (component: viva-4).**
- Don't forget to include your roll no and name in your pdf file.
- Submit your pdf file with all the above on **glearn** within the deadline, i.e., **01-11-2024, 9:59 PM.**