



COIMBATORE INSTITUTE OF TECHNOLOGY

Government Aided Autonomous Institution Approved by AICTE,
New Delhi and Affiliated to Anna University Chennai - 600025

PROJECT: MUSIC PLAYER

COURSE : MSc Software Systems

YEAR : 2nd Year



TEAM MEMBERS

Team No.15:

- Balasuriya P - 71762131009
- Selvakumar M - 71762131044
- Shajith Rooban GG- 71762131045

OBJECTIVES

- Create a playlist of songs using doubly linked lists.
- Traverse in between the playlist.
- Edit and update the playlist.
- Search and select songs for the playlist.
- Play and pause the songs according to the playlist.

FUNCTIONALITIES

Admin side:

- Adding songs to the list.
- Deleting songs from the list.
- Feeding duration of the songs.

User side:

- Creating a playlist.
- Adding or removing songs from the playlist.
- Playing songs from the playlist.



CONCEPT

- By using this application , a user can create a playlist from the songs listed.
- After creating the list , user can update the playlist by removing or inserting the songs in the playlist.
- After creating the required playlist , user can listen to the songs , pause in between the songs and traverse through the playlist.

DATA STRUCTURES USED

- Doubly linked list:
- Doubly linked list have been used to create the playlist , so that it would be easy while updating the playlist by deleting and inserting the songs in between the playlist.
- Circular linked list:
- Circular linked list have been used , so that the songs can be played in a circular order.
- Array:
- Array is used to get the input from the user.

The top of the image features a decorative border with a dark red background. It contains several overlapping semi-circular shapes. Some of these shapes are filled with a pattern of concentric dotted lines, while others are solid dark red. The patterns are arranged in a way that creates a sense of depth and movement.

THANK YOU!