

DATA STRUCTURE AND ALGORITHMS

PROJECT SYNOPSIS

Project Title- Musify

Project Aim- To create a music player

Project Description- We aimed at creating a music player in which we can make, edit and delete our own playlist. We can also shuffle or play the songs on loop. Moreover, we can listen to our recently played songs.

****Users(Musifiers) can also listen to some specific artist's songs.****

Application of Data structures-

For creating, adding, removing and updating songs in playlist- Linked list

For creating multiple playlists- List of lists

For playing previous or next song- Queue

For playing playlist on loop- Circular linked list

For shuffling songs- Binary tree traversals

For searching recently played songs- Queue

Members of the group-

S.no	Name	Enrollment No.
1.	Aman Kakkar	20104043
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