MeloFi

INTRODUCTION

MeloFi is a program that lets users explore, play, and manage music across web and mobile. This program is intended for all those who love music. Melofi lets users to listen to their favorite songs with ease as it uses a simple user-friendly interface.

MeloFi provides users, recommendations , lets user track their recently played songs and their history . It also allows users to edit , create and manage playlist by adding or removing songs moreover it support search functionality such as searching songs based on albums,songs,or artist.

OVERALL DESCRIPTION

MeloFi is a development of per-existing music applications like spotify , apple music . Major function of this application is to provide access to listen to music by searching for their favorite artist or album. This app will also provide daily recommendation and display recently played songs so that user can choose their favorite song easily . MeloFi also provides the user playback controls, album art, and song details .

SYSTEM FEATURES

- **Description :** Allows registered users to log in using email and password.

- **Input :** Email, password.

- **Process :** Validate credentials against the database.

- **Output :** User dashboard or error message

- **Song Description :** name . details

- **Search Functionality :** song , album, artist

- **Playlist section :** to create, edit, add/remove songs

- **Song interface Buttons :** to navigate next or back, pause/play,reaction (like)

- **Modes :** Dark and light modes

GOALS

To create user friendly music application

TEACH STACK

Front-end(web) – React . js

Mobile – Kotlin , jetpack compose

Back-end – flask, rest api
Database – PostgreSQL or mysql