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Description

Music streaming app, users can listen songs and read their lyrics.

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Technologies used

HTML
CSS
FLask
Jinja2
BootStrap5
Sqlite database

DB Schema Design

Database consists of 5 tables namely:

–albums: consists id,creator details stc.

–users: consists data of admin,general users and creators username & passwords

–playlist: holds various playlists created by users

–playlist_song : works as a junction to connect playlists and songs

–songs: contains all the necessary song details.

Architecture and Features:

Project structure-

4 Folders:

  ROUTES

  STATIC

  TEMPLATES

  UPLOADS

Database: database.db which contains all tables

Main file: app.py, which serves as the main file to initialize the project.

Readme.md: It has basic instructions to use the app

ROUTES: Consists of various python files which have separate routes for authentication, user's function and admin's function. Routes were used to organize code more efficiently.

STATIC: This folder has all necessary images and css file so that stylings can be controlled.

TEMPLATES: This folder has all html files required for the project.

ADDITIONAL FEATURES

This app has other additional features like blacklisting the creator, creating playlist etc.

Navigation Bar- for easy navigation through pages.

Search Option- To search various songs through different attributes like name, album_name etc.

Video Presentation