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About Me

Currently I am pursuing diploma in programming and data science from IITM . I look forward to getting the Bsc degree from IITM . I give my regards to IITM for making me an IITian .

Description

Music streaming App is a multi-user app used for streaming music/reading lyrics . Users can play , read lyrics , rate songs and create playlists . Creators can add new songs , albums and lyrics .

Technologies Used

HTML , CSS , Javascript , Flask , Flask-SQLAlchemy , python , DB Browser for SQLite , Visual Studio Code .

The purpose of using these technologies is so that I can build a web application . DB Browser is used to store and create databases . Python is used for linking the flask requests . SQLAlchemy facilitates the communication between Python programs and databases .

HTML is for frontend to structure the web pages and CSS is for giving styling and aesthetics for the HTML pages .

I used Visual Studio Code as a platform to develop the Music Streaming

App , to type the code .

DB Schema Design :

Database contains 6 tables :

- 1) users
- 2) user_ratings
- 3) songs
- 4) albums
- 5) playlists
- 6) playlist_songs


Features :

The app is designed with three primary user roles : Admin , creator , user

- 1) The Admin has the highest level of control , responsible for maintaining the application
- 2) The User can play songs and read lyrics from albums , give ratings , create playlists and add songs to those playlists
- 3) The Creator can create albums and add songs into it , he/she can manage their albums

Video Link

Click on the link below

 [Music Streaming App](#)