Music Streaming Application

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Description

The objective of this project is to build a music streaming application using the frameworks and concepts learned in the **Modern Application Development-1 (MAD-1)** course.

Technologies

The main technologies used in this application are Python, HTML, CSS, SQLite, flask-SQLAlchemy. **Jinja2** was used inside **HTML** for templating the interface and **CSS** for adding style to a web page. Flask-SQLAlchemy was used to interact with our **SQLite** database in our Flask application.

DB Schema Design

This application uses **4 tables** in SQLite database named **database.sqlite3** found in the instance folder to keep track of data. The README file contains information on how to start the application. Interation with the database are handled using model and functions. The model are given inside **model.py.** And all the functions are inside **app.py.**

Features

This application has filter/search feature where users can filter their favourite songs and albums. Users can also create new playlists and also delete the existing one accoding to their mood swings. Users can also like their favourite songs according to their taste.

This is perfect application for creators (users can be creator also), where they can create new songs/albums and update their existing one.

Admin can gets lot of insights of total users/songs, best songs and many more things after login. If any song breach their company/app/application policies, admin can delete that song from their end.

Video

Link for presentation video:

https://youtu.be/RPqvtWY_Rpk