

## PROJECT DESCRIPTION

Our project is an online database that enables users to catalog and engage with their preferred musicians, albums, and songs, with the added functionality of posting comments. Our vision is to evolve this into a social hub where users bond over shared musical interests. Features include adding and removing artists, songs, and comments, and the ability to update comments.

Additional capabilities are:

- Filtering songs by various attributes.
- Retrieving all songs and albums by a specific artist.
- Determining the number of songs in each album.
- Identifying albums with an average song listen count exceeding a user-defined threshold.
- Finding artists skilled in playing every instrument.
- Calculating the average listen count per album for each artist.
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We modified our original schema to a more manageable scope due to time constraints, particularly omitting features like Playlists, Multiple Users, and Genres. We also removed some attributes which seemed frivolous.

In essence, our project is in its early stage, aspiring to be a valuable tool for music enthusiasts to connect.