

Music Voting App Overview:

This platform allows music in a bar, restaurant, or gym to be selected based on real-time user voting, creating an interactive experience for customers. Here's the breakdown of the app's functionalities:

1. Owner Registration and Space Creation:

- Bar or gym owners can register on the platform and create a dedicated "space" for their establishment.

2. Playlist Management:

- Owners can add a selection of songs to a playlist for their space.
- Songs can be sourced from YouTube (embedded as iframes) or from audio files hosted on the platform.

3. Customer Voting Access:

- Customers who visit the venue can access the space for that shop or gym without needing to log in.
- Customers can upvote or downvote songs currently in the playlist.

4. Real-Time Voting Mechanism:

- After each song finishes, the next song to play is chosen based on the highest votes at that moment.

5. Cooldown Period for Played Songs:

- Once a song has been played, it won't be eligible for voting for a set cooldown period (e.g., 15 minutes) to keep the playlist fresh and prevent repetitive songs.

6. Single Vote Limitation:

- Each customer is limited to only one vote per device, ensuring fair voting without requiring a login.

This design offers a seamless, interactive music selection experience that engages customers without requiring them to sign in, while giving venue owners control over their space's music atmosphere.