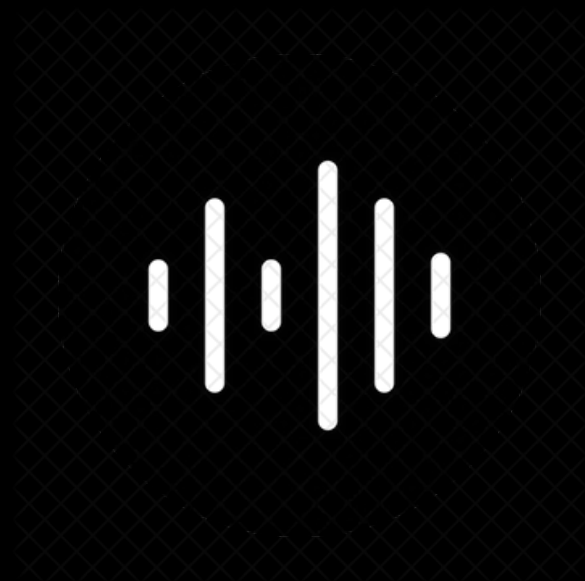# ROOMBEAT

Real-time Collaborative Spotify Music Room

ROOMBEAT

Create Room   Join Room

Introduction

Roombeat is a collaborative music-sharing platform designed to enable users to listen to Spotify together in real-time within designated rooms. Its primary goal is to facilitate a shared music experience where users can control playback, view song details, and interact within rooms.

Technologies Used

These technologies collectively contribute to the real-time, responsive, and interactive nature of Roombeat.

Client Side

- React
- Typescript
- Socket.io (for real-time communication)

Server Side

- Express.js
- Typescript
- Socket.io (for real-time communication with client)

Features Overview

Roombeat offers several key features

- **Spotify Authentication**

- **Real-time Playback Control**

- **Room Creation and Joining**

- **Room Dashboard**

Future Developments

Planned future enhancements include:

- **Permission-Based Controls**

- **Voting System**

- **Queue Management Enhancements**

These additions aim to improve user interaction and offer more sophisticated control over playback and room management.

Dashboard View (Screenshot)

Dev's Music Room (OMFUQ)

Song Details

Name: Milestone
Artists: Matt Walden, Joey Kidney
Duration: 4min 23sec
Popularity: 42/100

Spotify Details

Username: Dev
Email: devasheesh0909@gmail.com
Playing on: iPhone

Playback Controls

| Prev | Next |

| Pause |

| Leave Room |

Joined Members

Dev (You)

Tushar

THANK YOU