

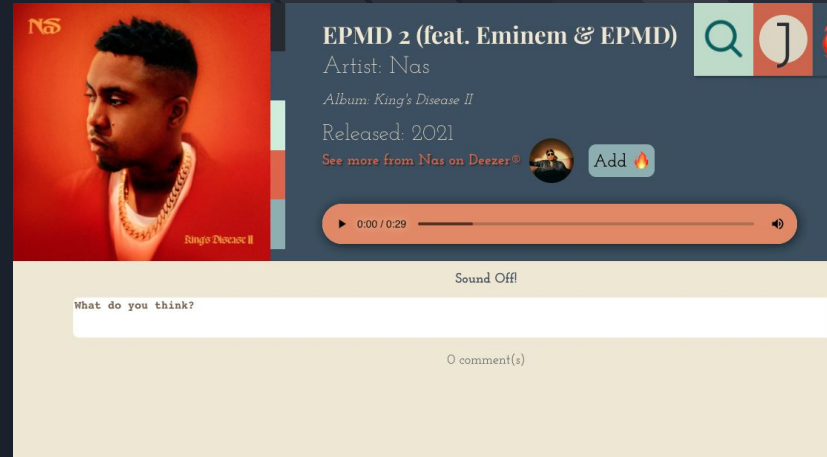


# Sound Minds

Full stack web app from Jacob Walton

# Project Overview

Sound Minds is a simple, easy-to-use web application which allows users to find new music and share their opinions on it. Users will be able to easily navigate the application and features in a couple ways. When a user wants to find a song to see what others are saying about it, they can easily search for it. Commenting on the music is just as easy to use. Click on a search result and view details about the song, add it to your favorites, listen to a preview and share your opinion.





# Features

Search - Users are able to search for songs using the public Deezer API

Signup/ Login - Users are able to create an account and login. There are protected routes and logic set up to prevent users from commenting and favoriting songs unless they're signed in.

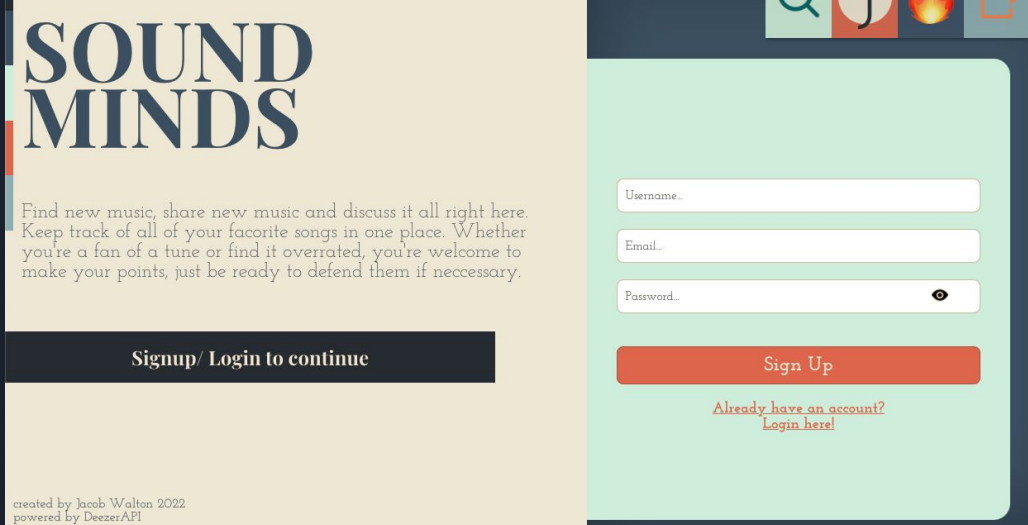
Add song to favorites - Users can add a song to their favorites and access a list of their favorite songs

Add comments - Users can add comments to songs, and reply to other people's comments

# Technologies Used

## MERN Stack

- MongoDB
- Express
- React
- Node



## What's new

For this project I had to learn how to create and authenticate users. My application needs to be integrated with my MongoDB collections and I had to do a lot of research on JWT to manage user login sessions.

I also had to learn how to use Figma on the fly to design and prototype the application.

# Future Development

I plan on adding new features and refining some existing ones. I hope to optimize the site as much as possible to make it faster. I also plan on making the web app into a PWA so it is functional offline.

## Challenges

One of the challenges that I faced was deployment. I wanted to deploy this application so it could be accessed and used by anybody but I kept running into issues. Instead of spending too much time focusing on this issue, I decided to switch tasks and continue building the application and returning to the deployment issue later.

