



Apollo

Team Birk And Socks

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The image shows a website design for 'APOLLO' with a background image of a classical statue. The design is framed by a white rectangle with blue and teal diagonal stripes at the corners. The website header includes the 'APOLLO' logo and a navigation menu. The main section features a large title 'Music Exploration Hub' and a descriptive paragraph. A button is located at the bottom of the main section.

APOLLO

[HOME](#)

[BANDS](#)

[POPULAR SONGS](#)

[GENRES](#)

[BLOG](#)

Music Exploration Hub

Find amazing new music, connect to a live chat with other users and band members, purchase merchandise and concert tickets, live musically.

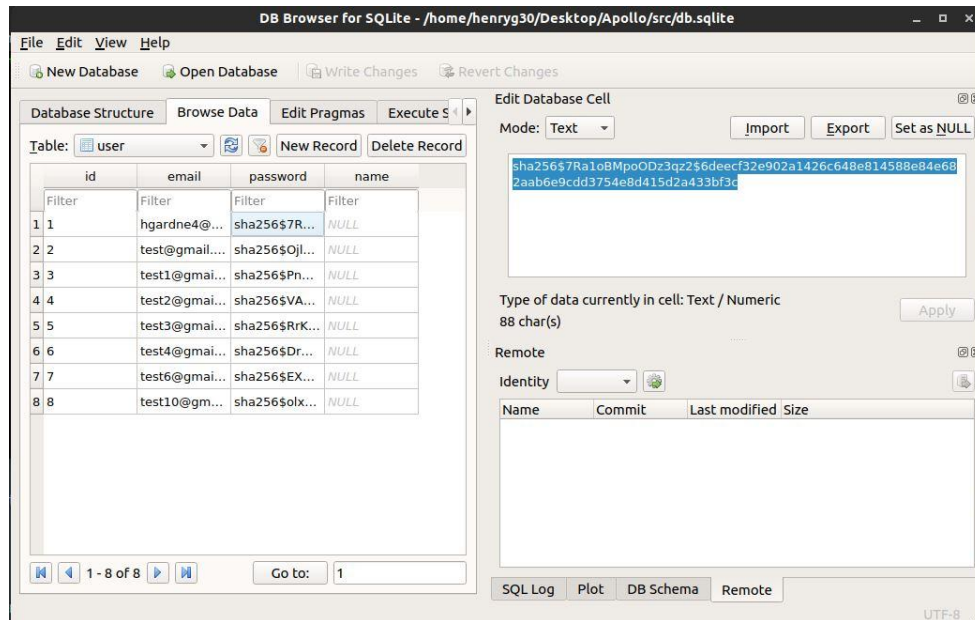
[Visit to explore the world of music](#)

Project Motivation

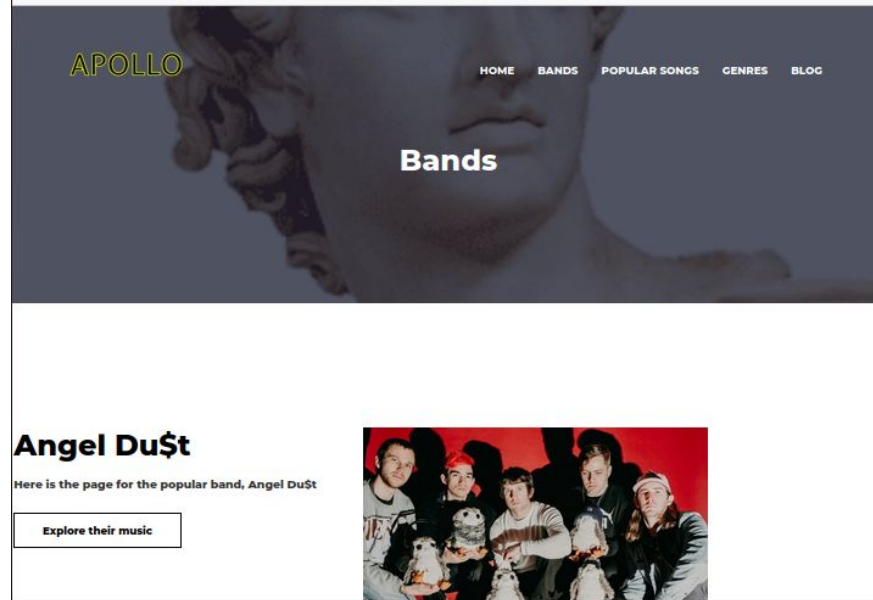
- Our website will be a place for music fans to interact with bands, each other, and explore new music.
- The site will have two separate logins, one for regular users and one for bands.
- Bands that register with the site will have the ability to upload new music, post upcoming show dates, and sell their merchandise directly through the website.
- This will allow bands to gain exposure to new audiences and to raise money by selling their merchandise and promoting their shows.

Core Features

- Two types of user: consumer and band
- User Authentication
 - SHA-256
- Merch Sales
- Discography Access



Example Band Page



Extra Features

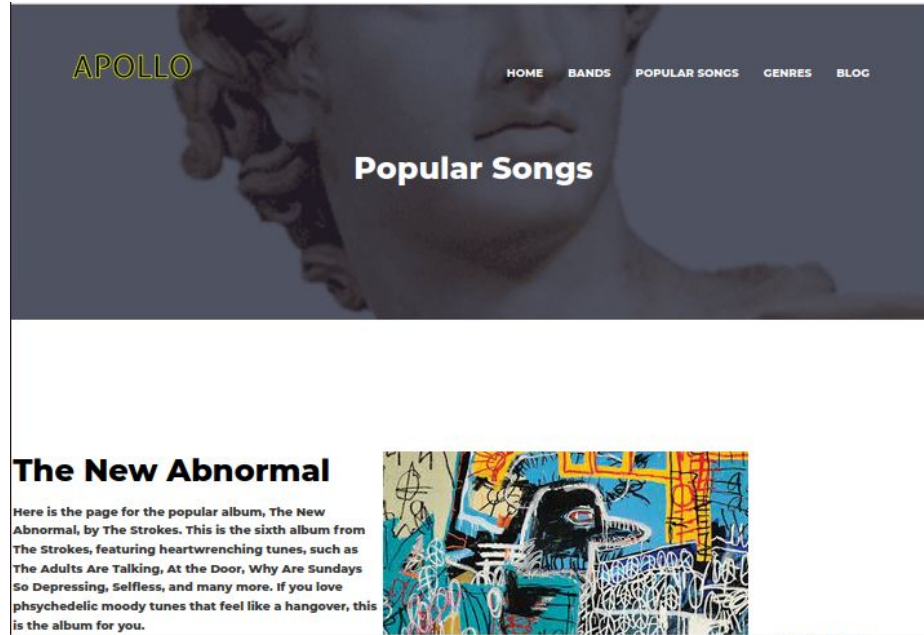
- Popular Music/Artists
 - Updated based on how many times an artist's page is accessed.
- Blog

Future Implementations:

- API similar to the Spotify API to get, post, retrieve music data or listening trends:
 - How many people are listening to an artist?
 - Most played songs of the day?
- AWS
 - Add cloud capabilities for rapid expansion/scalability
 - Stable, secure, and reliable



Extra Features - Popular Songs



Challenges in Development

- One of the biggest challenges we faced was developing some of the HTML pages before creating the database and tables, which led to tedious reworking to join the two features.
- Creating the design for the pages took a large amount of styling work
- GitHub merge errors
- Of course minor challenges in creating the database and orienting everything were worked out.

Questions?



Thank You!

