

GrooveLife

Music Streaming and socializing platform

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Project Inspiration

Spotify like music service with an Instagram like approach too for recommending similar listeners and artists ... connecting people on the basis of music tastes.



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Project Plan

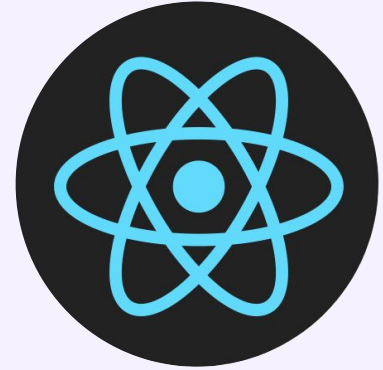
- Create a Django Backend with MySQL as database for storing user info and metadata.
- Use Django Rest Framework to communicate with frontend.
- Develop a Frontend in React

Tech-Stack



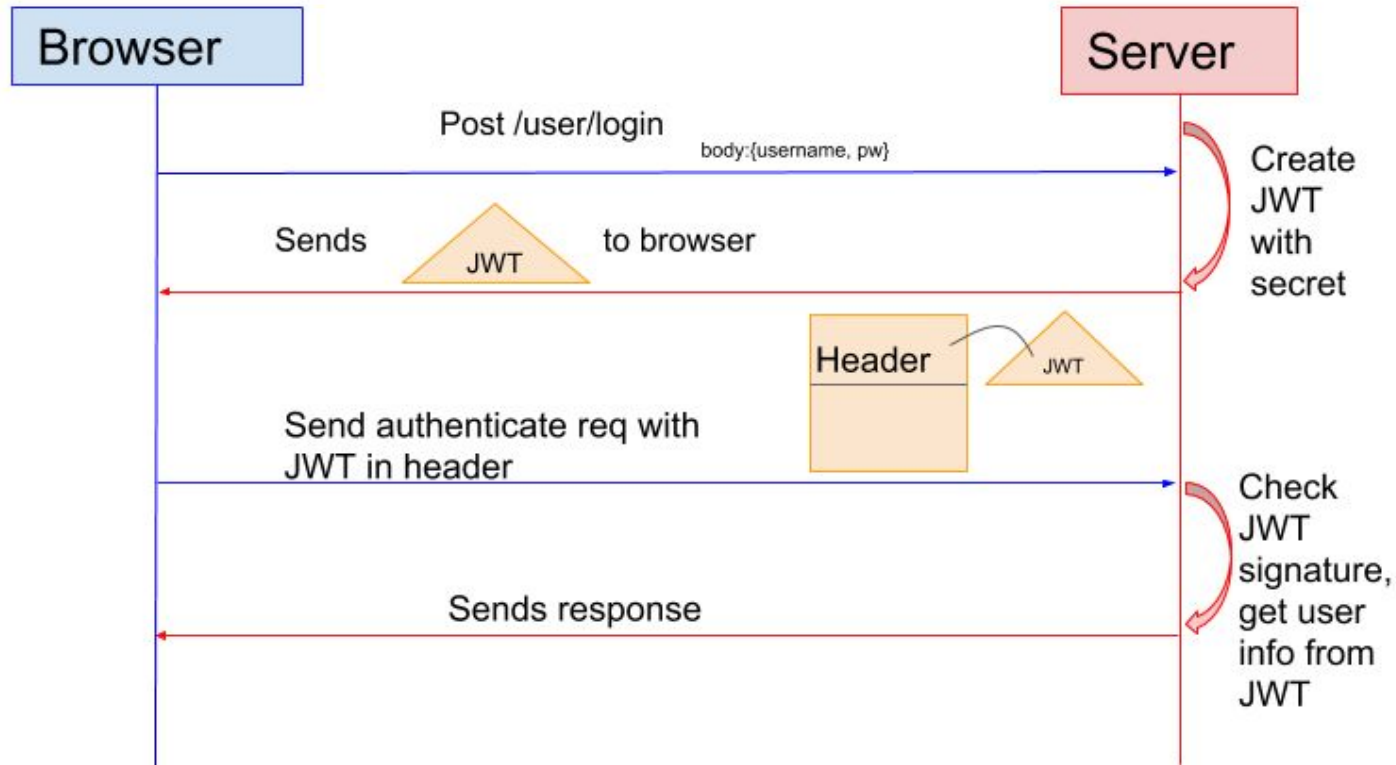
MySQL stores the data and is used to get the filtered results.

Django is the main framework used by us. It enables rapid development of secure and maintainable websites.

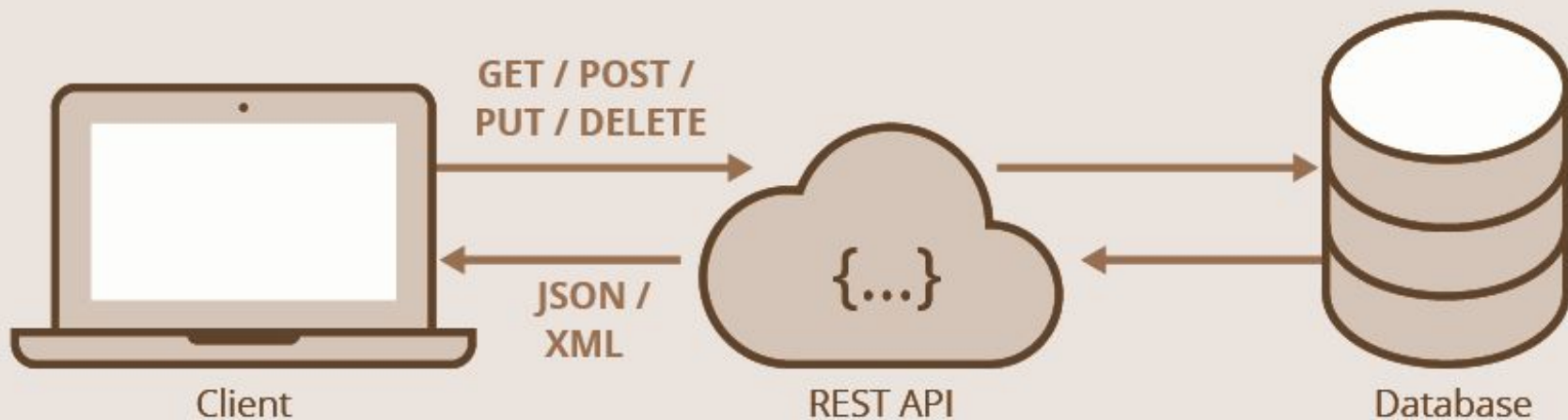


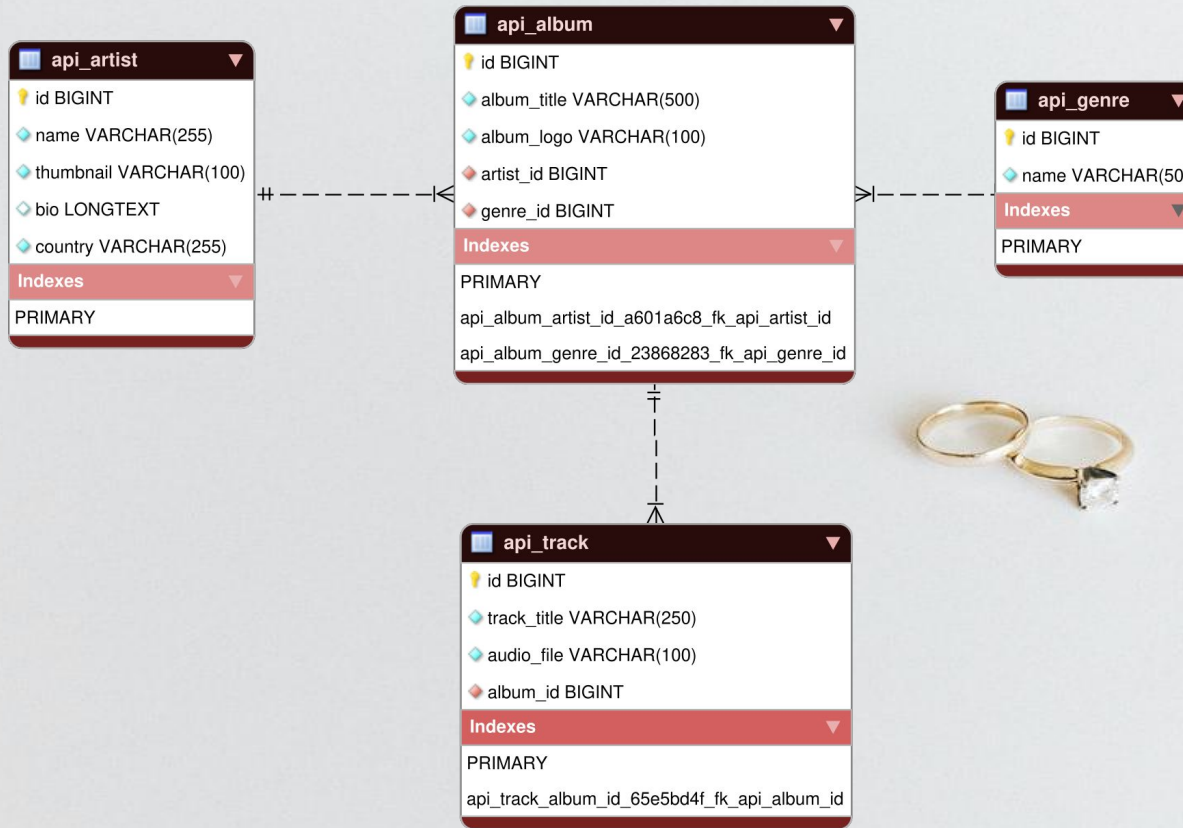
React makes it painless to create interactive UIs.

JWT Authentication



REST API





Entity Relationship Diagram

Status of the Project

- User Authentication and Player has been fully implemented with
 - A custom user model with email as Default Login
 - Profiles connected to user.
 - JWT authentication
- Music Metadata Tables has been finalized :
 - Tracks
 - Albums
 - Artists
 - Genres



Sign up Page for registration of new users



Sign up



I want to receive inspiration, marketing
promotions and updates via email.

SIGN UP

[Already have an account? Sign in](#)

Sign in Tab for Registered Users



Sign in

Email Address

testuser_1@test.com

Password

●●●●●●●●



Remember me

SIGN IN

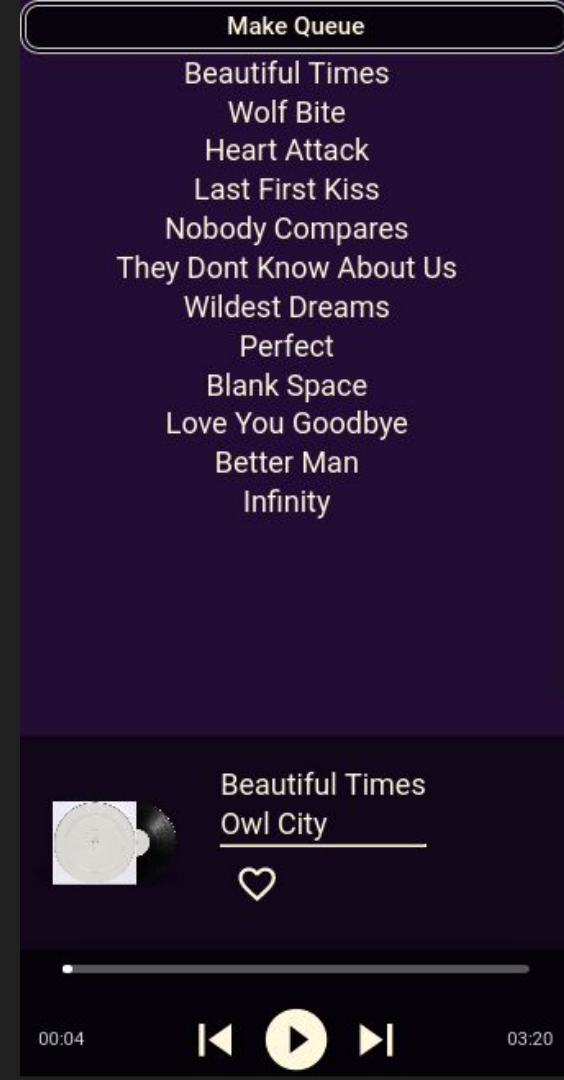
[Forgot password?](#)

[Don't have an account? Sign Up](#)

Player Tab

It contains all the basic features of a music player which are as follows :

- Feature for making a Queue
- Play Button and like button for a particular track and the details of that track
- Buttons for playing the previous track and the next track in the Queue.



 SEARCH

 DISCOVER

 LIBRARY

 PROFILE

ti



Beautiful Times
Ultraviolet



Search Tab

SEARCH

DISCOVER

LIBRARY

PROFILE

ALBUMS

TRACKS

ARTISTS



1989
Taylor Swift



Ultraviolet
Owl City



Made in The AM
One Direction



Take Me Home
One Direction



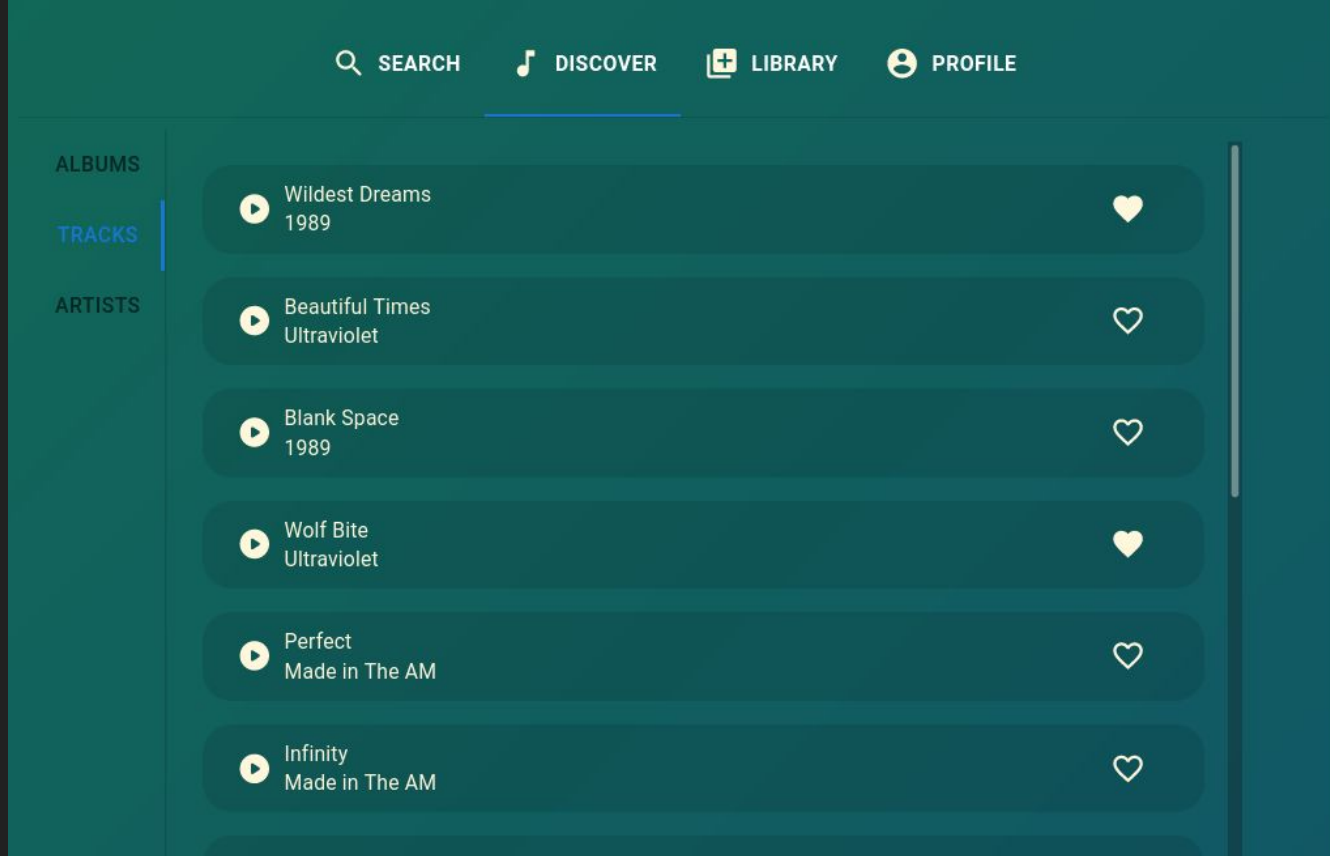
Red (Taylor's Versio...
Taylor Swift



UnReleased
Taylor Swift



Discover Page (Albums explorer menu)



Discover Page (Track explorer menu)

 SEARCH

 DISCOVER

 LIBRARY

 PROFILE

LIKED SONGS

RECENTS



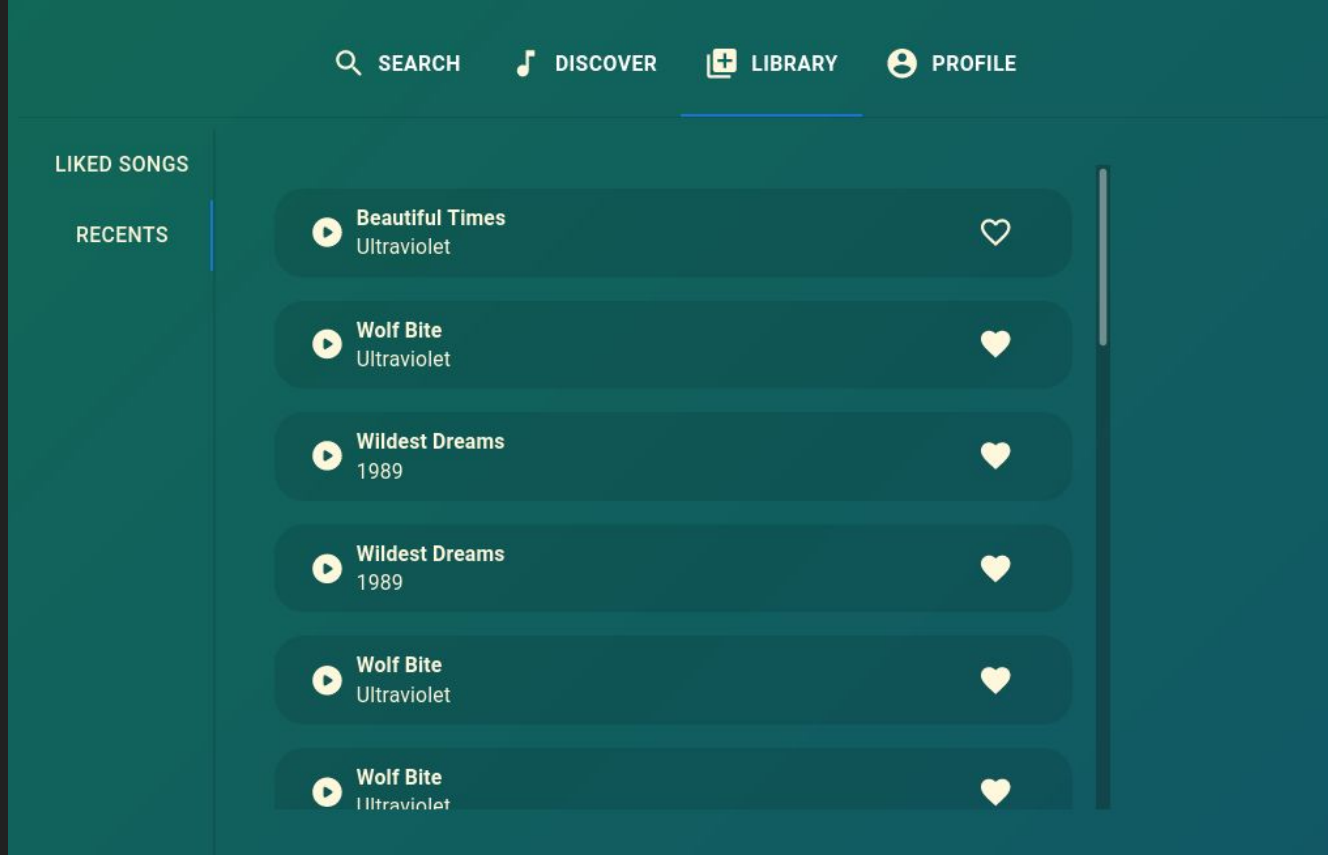
Wildest Dreams
1989



Wolf Bite
Ultraviolet



Library (Liked Songs Menu)



Library (Recently played tracks by a particular user)

 SEARCH

 DISCOVER

 LIBRARY

 PROFILE

LOGOUT 

Profile Tab

As this project is still in development phase, there are certain goals which need to be accomplished. Some of them are :

- ❖ Playlists : This feature would enable the users to create and curate their own playlists and listen what they like.

Goals

Danke

(Thank You)

