

Amassify

The Spotify Stat and Ranking App by Andrew Oneal

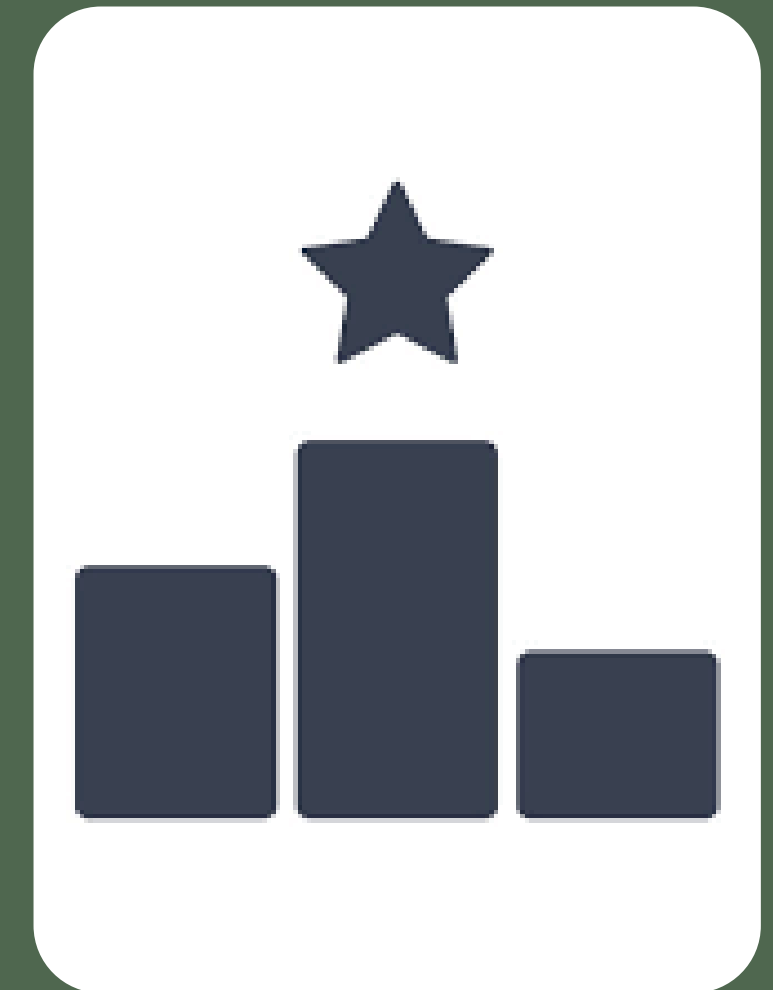
The Problem



You love listening to music on the biggest streaming platform: Spotify



You want to be able to see your Spotify listening stats, with additional insights that aren't available through Spotify.



You want to be able to manually rank your favorite artists, albums, and songs

Requirements

An easily accessible app with following features:

- Full Spotify OAuth integration – no separate account needed
- A Profile Page with a display of your top tracks and artists

Requirements – Cont'd

- A Ratings page where you can search for, add, edit, and reorder your all time favorite tracks, artists, and albums.
- A Data Insights page with calculations of many different insights such as top genres, top audio features, and how popular your music taste is, all based on your Spotify data.

Numbers – Final

- Requirements – 36 of 36 completed, 100% burndown
- Test Coverage – 12 of 20 tests completed, 60% coverage, prioritized feature development driven manual testing due to the small size of the application.
- Lines of Code: 1,777

Video Presentation

<https://youtu.be/4NdbQaKFc0w>

What did I learn?

1. New technologies:
Next.js, Tailwind CSS, and
PocketBase
2. How to use API's
effectively and frugally
3. How to write effective
middleware
4. Next.js Routing and React
Component Building

What could be improved?

1. Styling – Some of the styling is off and could be cleaned up
2. More efficient API usage using cache
3. Separating bigger components into smaller components
4. Streamline OAuth Integration