Capstone Project One (Rylei Ellis) Proposal

The goal of my website is to showcase my music using the Spotify API. Users will be able to check out track photos, read track description, and play the track via a music player. The users demographic will target adolescence and older. The database schema will look like:

Track Name

Track Photo

Track Release Date

Track Description

Track Music (playable in a music player)

One issue I may run into is music playability. I will read Spotify’s policies on that. Another issue is the user-friendly interface. I’m thinking of having one page of music track data where the user can scroll down to see more tracks. Not sure if that will slow the page down. No sensitive information I need to secure. I will be using HTML along with Jinja code, CSS for styling, some JS for functionality, along with Flask as the server, SQLAlchemy for database purposes.. That’s all I think of right now.