

# TuneSeek- Song Detection App

You may have heard a song playing that caught your attention but you were unable to catch the title of it. Maybe you have friends and family like mine that want to keep certain tracks to themselves and off of your playlist, because you might overplay it to the point they get tired of hearing it. These examples are issues I face and seek to overcome. I would like to build a tool to help me and fellow music lovers with similar obstacles, grow our playlists.

In order to successfully achieve the goal I have in making such a helpful tool, I would like to be able to search a song by a line said in that song. I would need information on the song such as the genre of music it falls in, the year it was published, and the artist it belongs to. As I was searching for an API to use, I came across the Genius API, which accesses the data I need. There are features I plan on implementing that I am not sure this API has, so my search continues.

As I begin more in depth thought on this project, I tend to focus heavily on the core pieces to the database. A strong start to the layout makes implementation a lot less of a hassle to worry about. As of right now, I will begin with the user involvement because the site revolves around user interaction. Things like login information, making sure user to user accessibility is able, tracking of search history is noted, etc. I would then focus on the artist side of things. Looking for ways to make the search of the song easier, which I struggle the most with when using similar tools. Things like when the artist was discovered and the genre of music they fit in. Then I would move on to what I think would be the main piece, the actual song. Since many songs can be named the same, this may be my most problematic table in the beginning. I'm not sure how much the API helps with this as of right now. I would section it like the artist with the year of publication and the genre it belongs to. My main focus for this project is to make sure the song you are looking for is the result you get. Being able to filter out information would be key for this goal. If I were to try to find a song right now I would go to google, describe the song as best I could, and dig

through multiple sources and sometimes end up empty handed. I would also like to add voice recognition as seen on many similar apps and sites.