SpotiFYND It – Sushruti Bansod

Deliverable 1 --Please scroll down for Deliverable 2

For the Course project I want to use the Spotify API to build “search engine” for music. I hope to have a fully functional GUI that will allow the user to enter a song name or an artist and get all the possible details. If the user searches for a singer, the results will be songs that the artist has released. I will sort the results with the newest and most popular songs at the top. I will try to include a filter option to let the user filter by album, most popular, or year of release. If the user searches a song, I will list the name and artist of the song along with year and album. If lyrics are available, those will be listed as well. I will try to add a “suggested” section that will show the user songs like the one they are searching. I am unsure whether I should use angular or react, I know they are both very similar and I have more experience with angular and I would like to try something new.

A screenshot of a computer

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Deliverable 2

For this project, I created a musical search engine using the spotify api. I decided to use react to create my fully functional UI. I spend a long time coding trying to make certain features availble. For some things I was very successful, others, I was not. A clear list of what I had explected to do (accoring to deliverable 1) and what I was able to do is shown below. I have also attached screenshots of 1-searching for an artist , 2-searching for a song and 3-searching for special chracters.

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| **What I expected** | **What I did** |
| Fully Functioning UI | (DONE) |
| Allow the User to Enter the name of an artist | (DONE) |
| Output songs that the artist has released | Kinda, Spotify Only allowed me to obtain top 10 songs since I don’t have a premium account. |
| Filter option? | (NOT DONE) |
| Allow the user to enter the name of a song | (DONE) |
| Name, artist, release day and album of song. | (DONE) |
| Lyrics | (DONE) |
| Suggested section? | (NOT DONE) |

1)

Graphical user interface, application

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2)

Graphical user interface, website

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3)

A screenshot of a computer

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