

Summerizing the facts and features of the app discussed in the meeting which held yesterday are as following:

Features:

popularity graph on the basis of views,like_ratio,repeat_ratio
sentiment analysis of the artist tracks on the basis of comments
sentiment analysis of the aartist tracks on the basis of lyrics

On further extending the explanation of the app:

Module Completed:

User has to input the artist name, and our app will display the popularity graph of top tracks of the artist on the basis of likes, dislikes, views, listeners, playcount by dividing this data into categories of views, like ratio, repeat ratio. And furthermore there will be sentiment analysis graphs of each track on the basis of comments. Having mean sentiment score aside.

Further Extentions:

Further more, I am working on putting the search options and similar artist in the side coloumn and lyric sentiment score.

Api Used:

last fm
heroku

languages:

pyhton
angular

libraries:

Nltk
urllib
requests
json
d3.js
numpy
matplotlib

Framework:

Django

Data Sources:

last.fm
Youtube

Further more: I am providing some images which will explain the front end view and backend calling of different functions

Front End

Popularity graph

Song sentiment

Song sentiment

mean sentiment score

lyric sentiment score

Similar Artist

