RYTHMIC-CHATBOT SONG RECOMMENDER

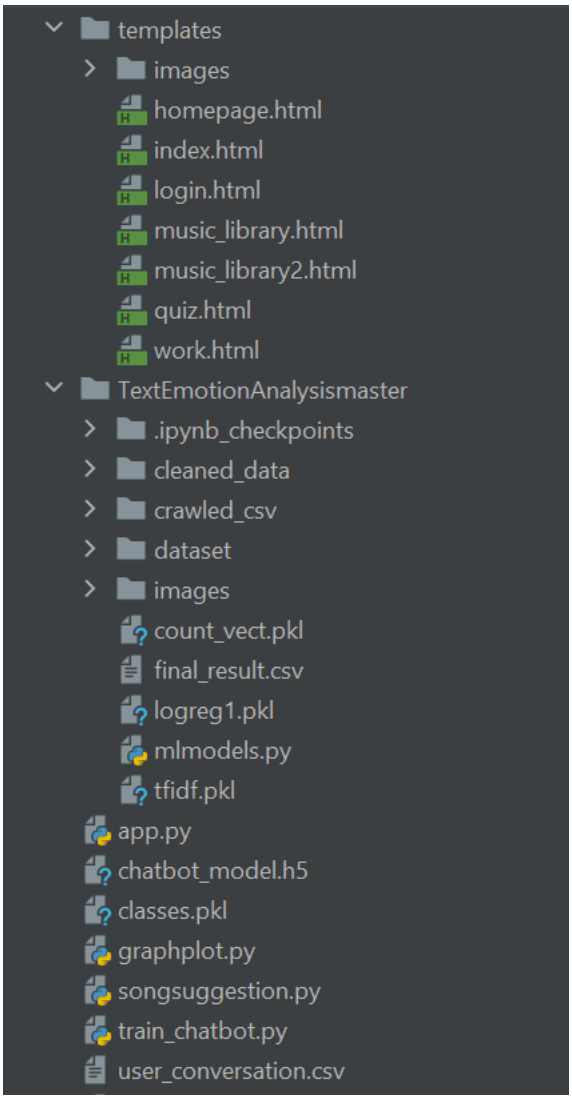


fig1: structure of the project

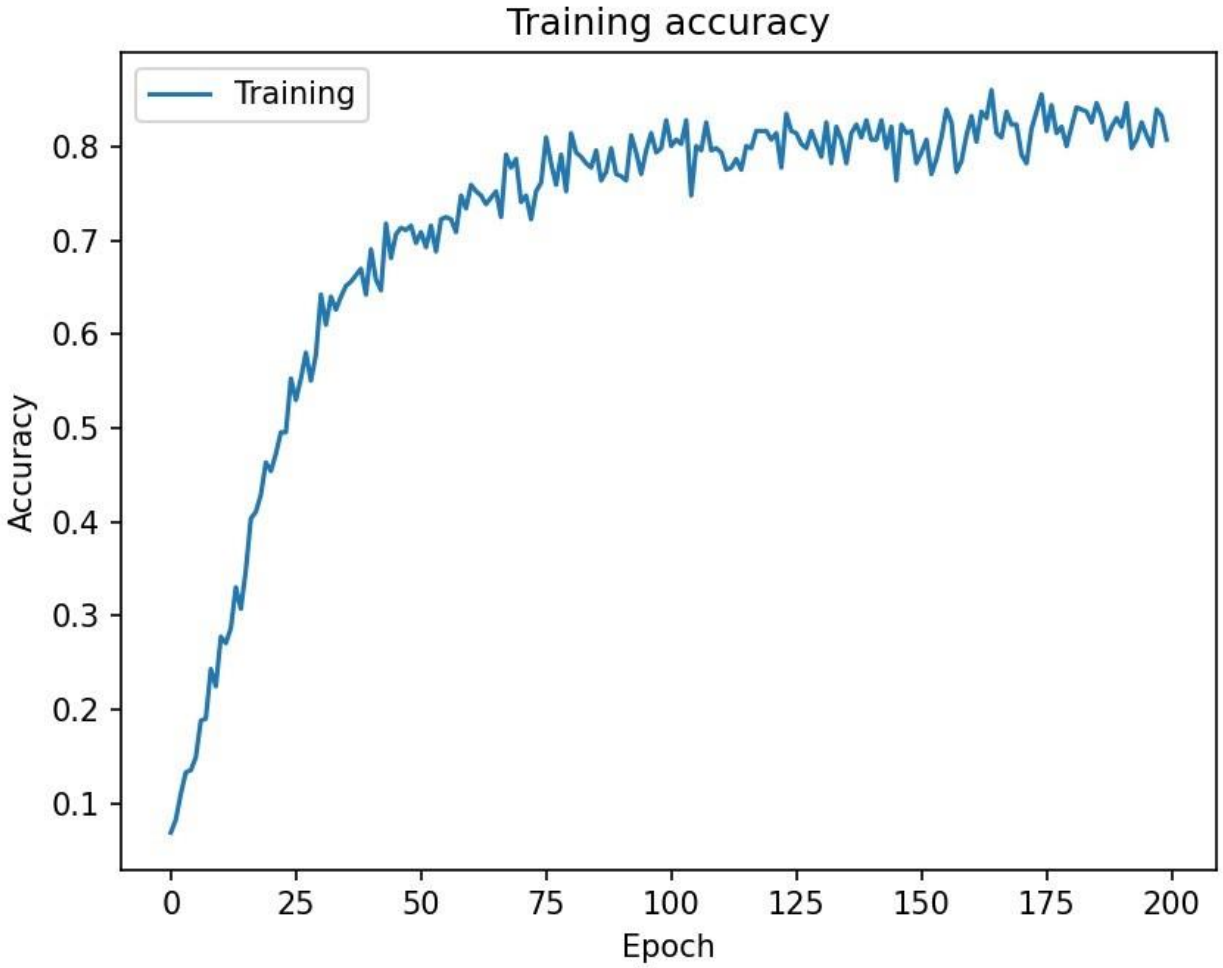


Fig2:Accuracy For our train_chatbot model that uses a feed forward neural networks :200 Epochs are running

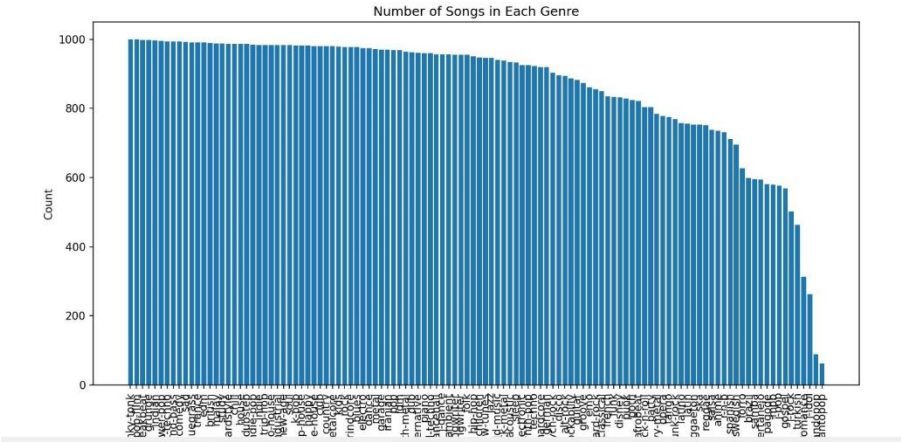


Fig 3: plot showing number of songs in each genre

The Correlation Heatmap between the variables of the dataset:

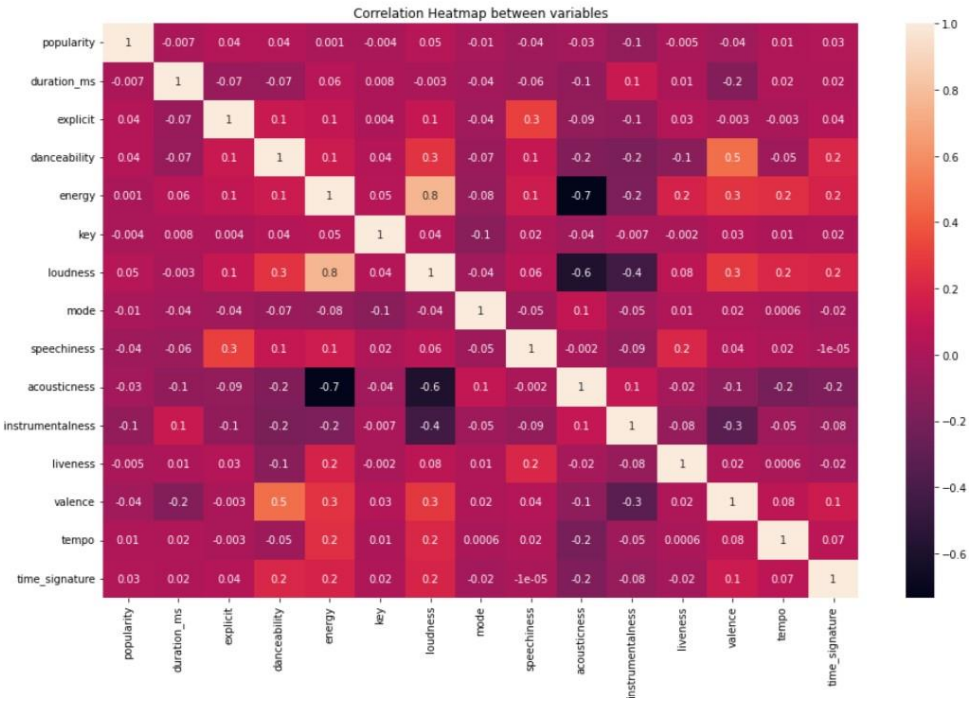


Fig 4:correlation between the variables of dataset

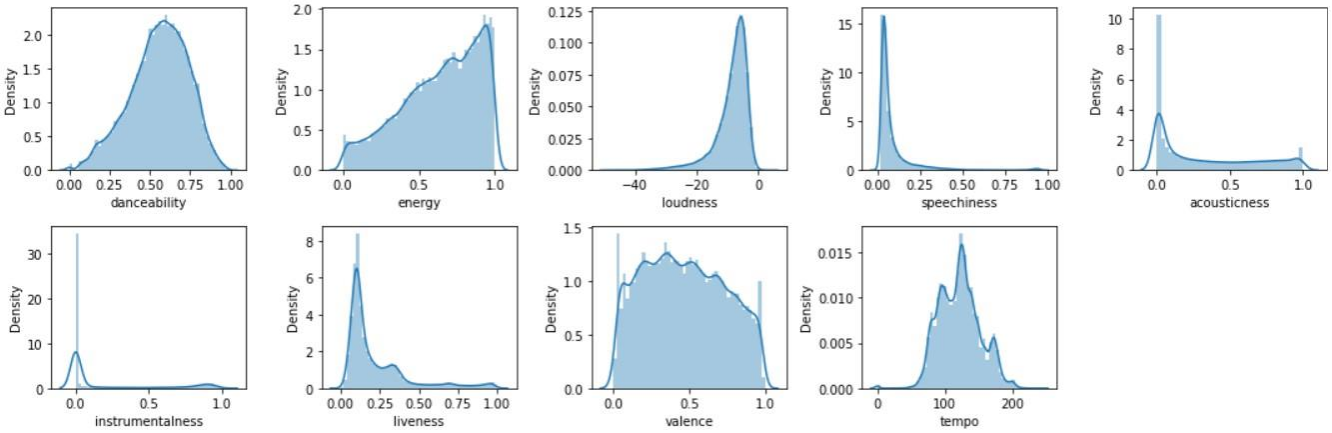
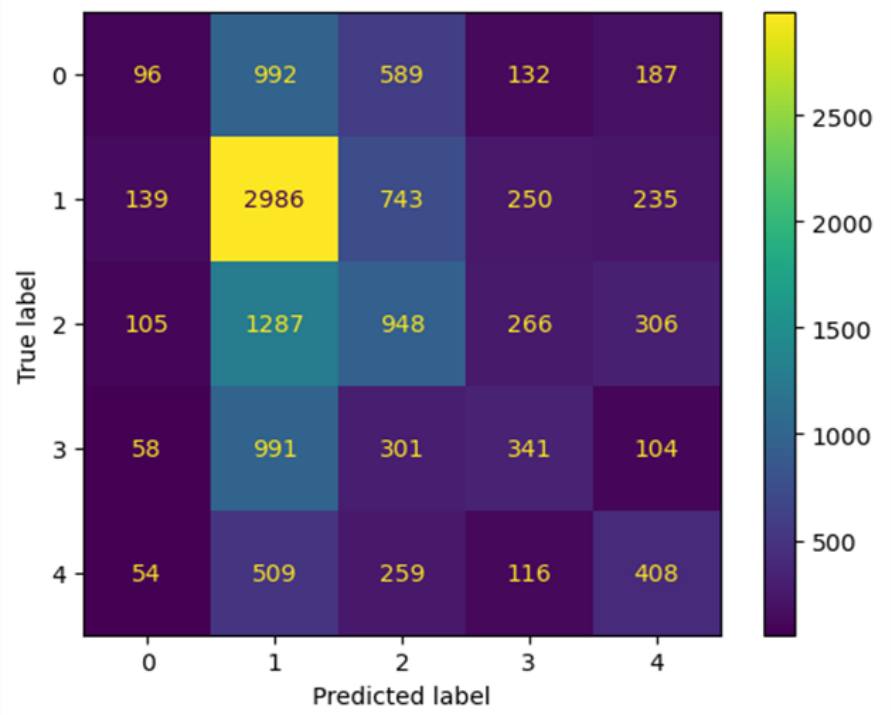
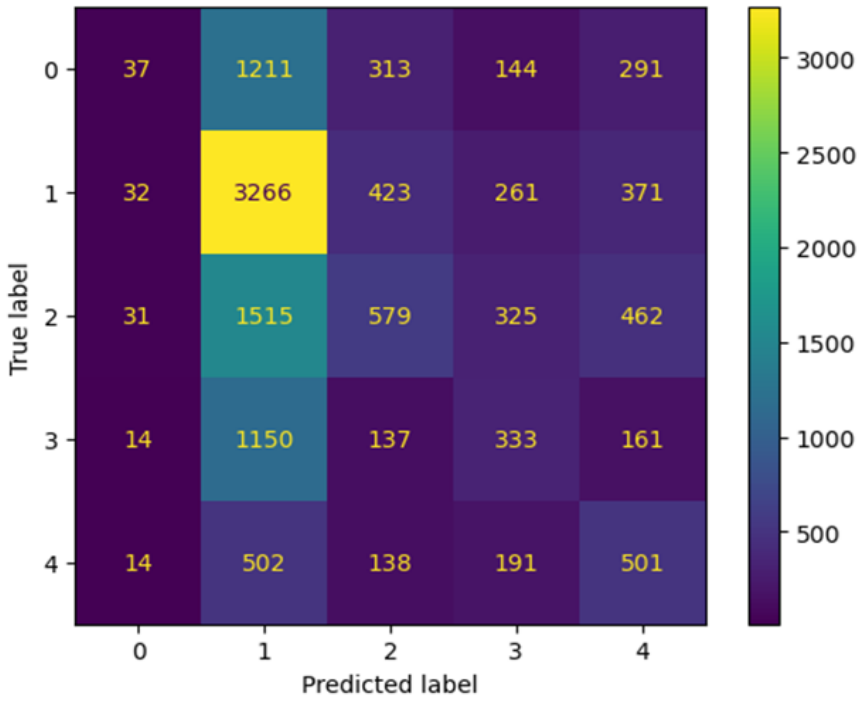


Fig 5: Variance of different Genres in track_genre

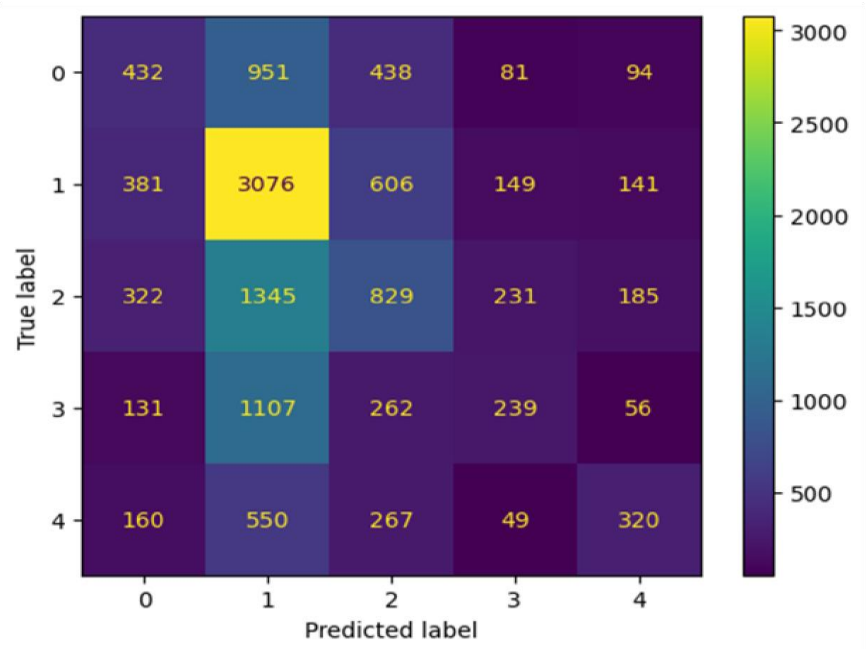
Building models using different classifiers (TF-IDF vectorizer)



naive bayes tfidf accuracy 0.3853410740203193

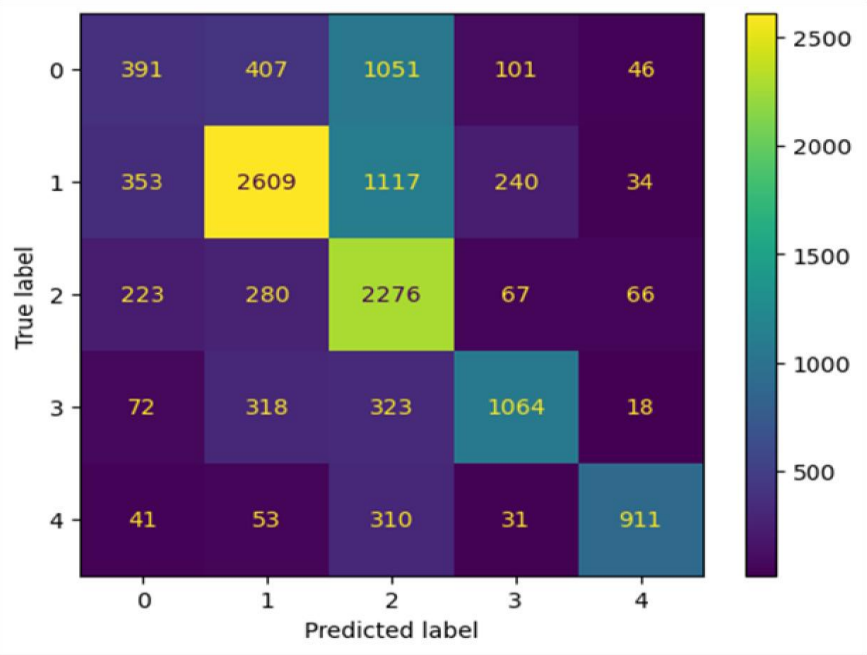


svm using tfidf accuracy 0.3802612481857765



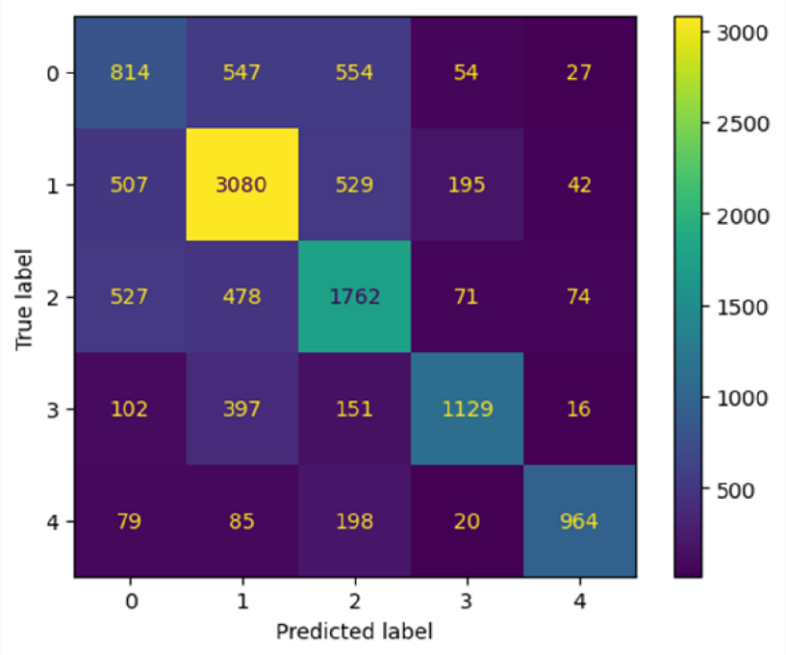
log reg tfidf accuracy 0.39477503628447025

Building models using different classifiers (Count vectorizer)

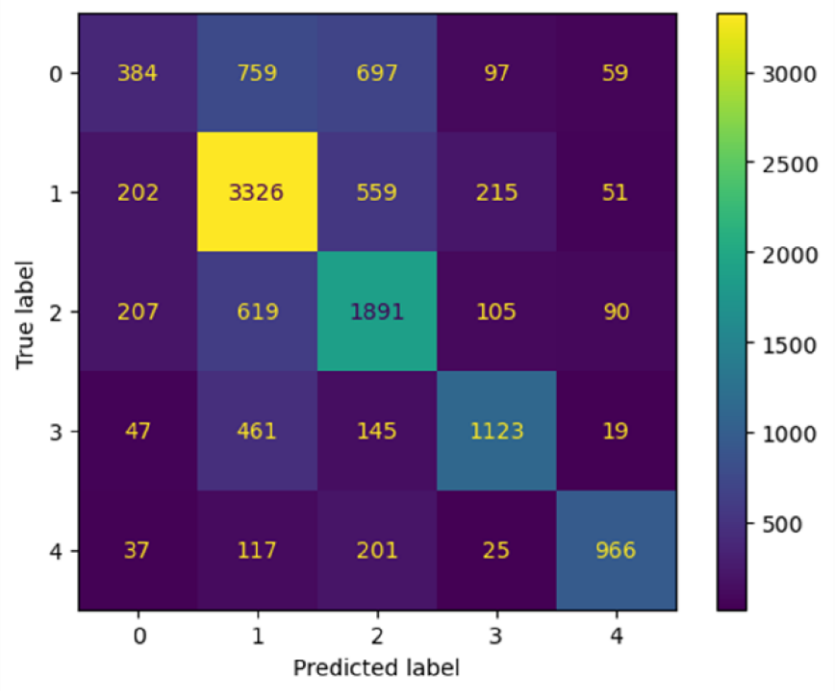


naive bayes count vectors accuracy 0.584663763909047

Fig 6: Comparative study between various models



log reg count vectors accuracy 0.6248185776487664



lsvm using count vectors accuracy 0.620061280438639

Login

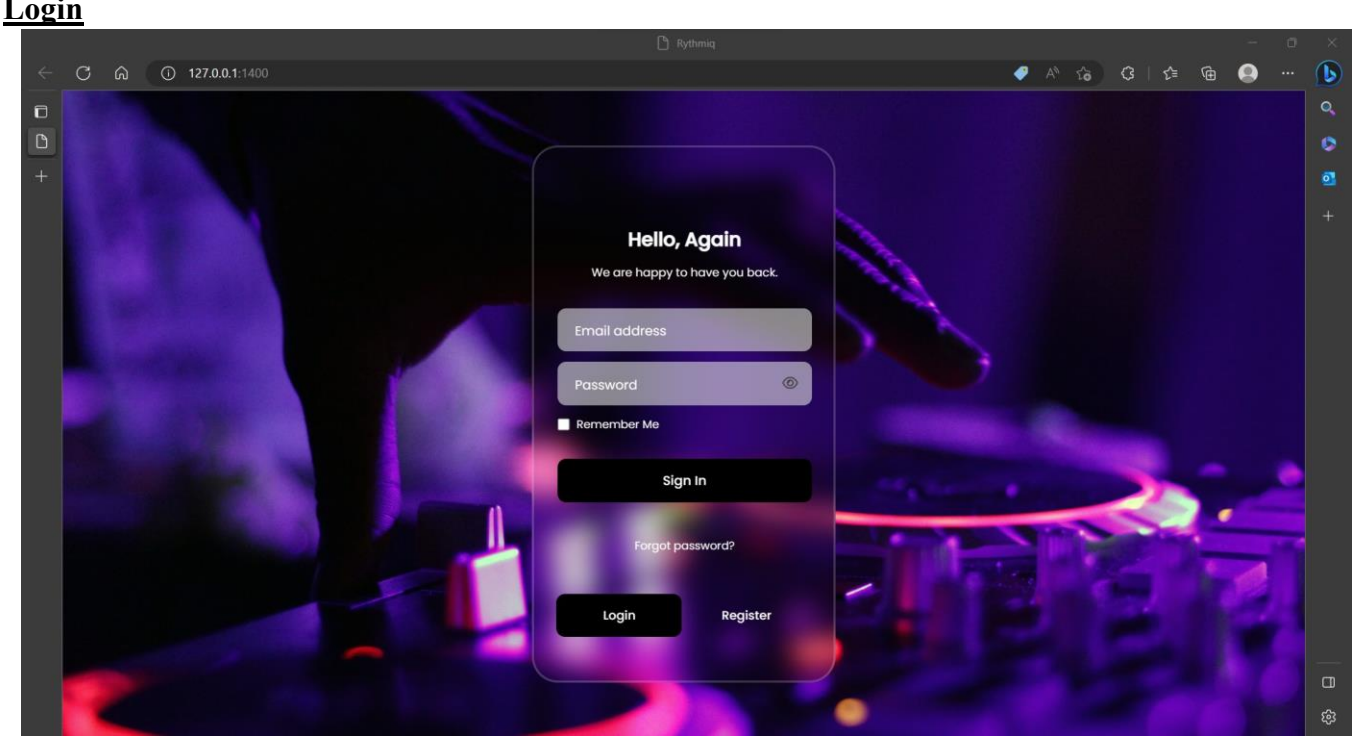


Fig 7:Login page

Chat

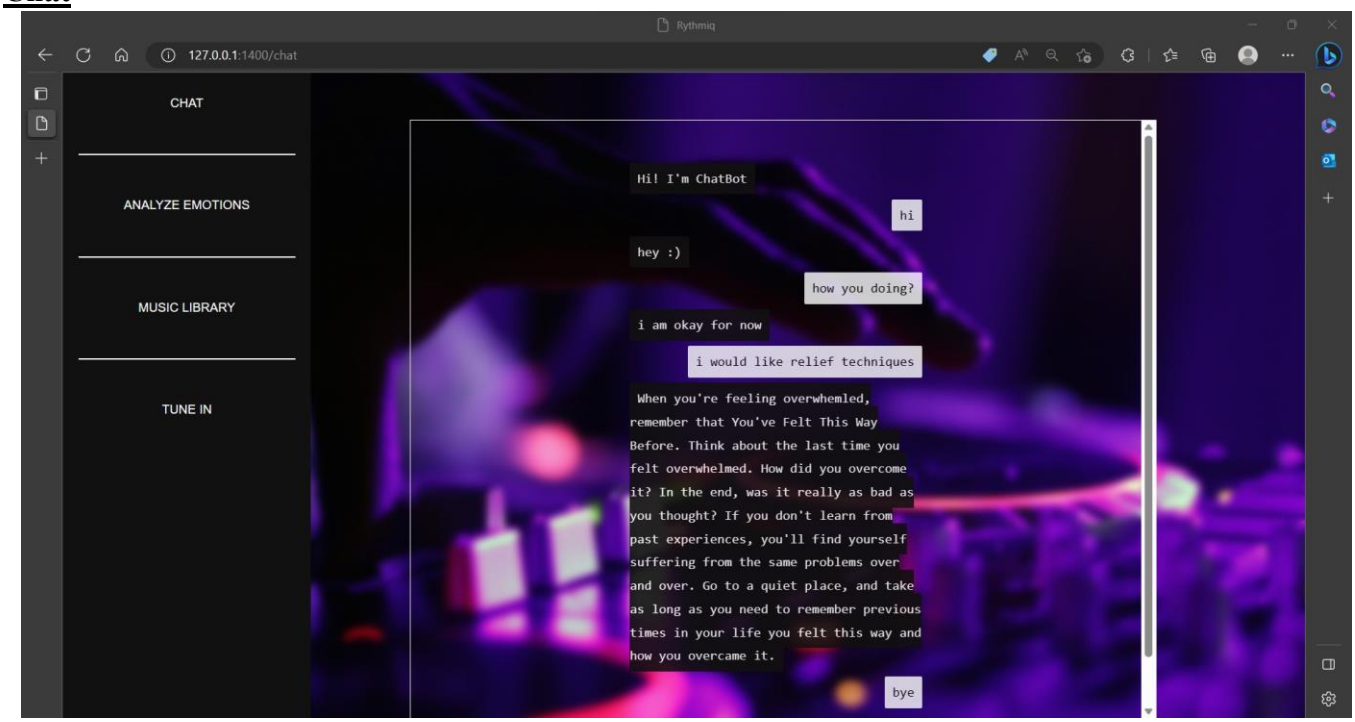


Fig8: Chatbot

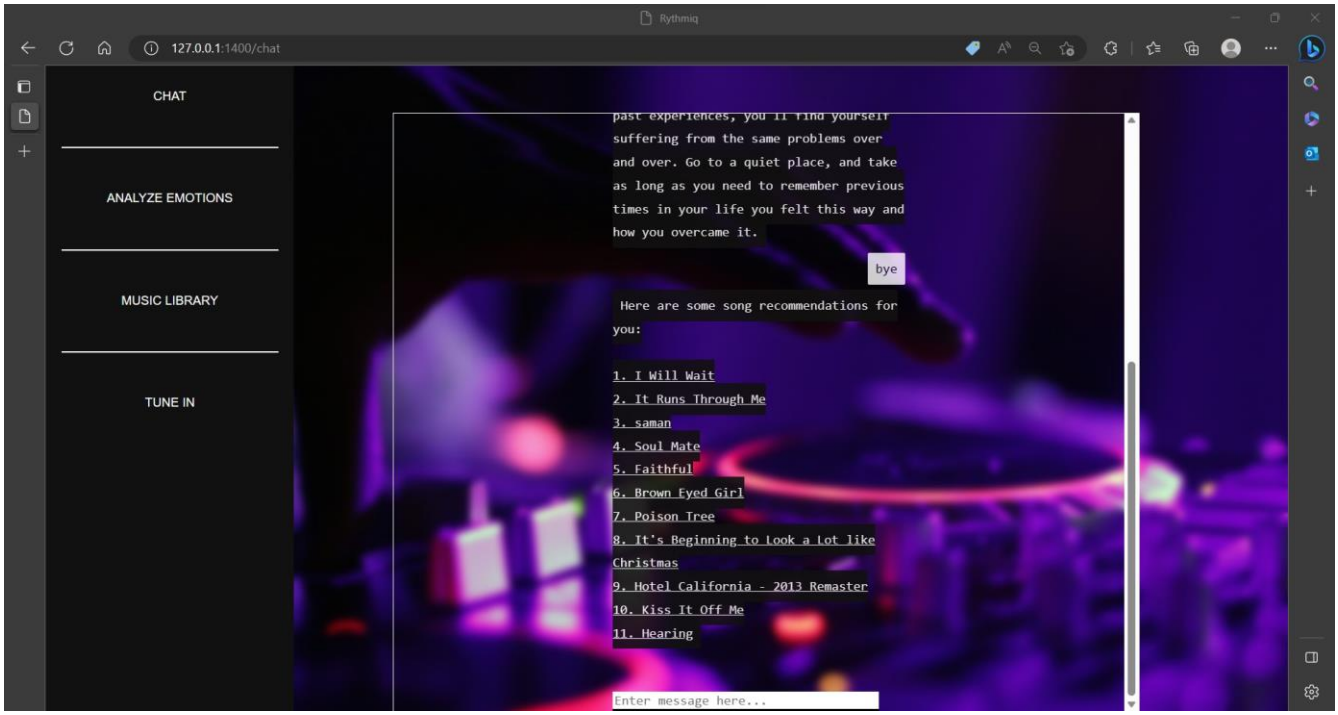


Fig 9: chatbot recommending songs

Analyze Emotions

Fig 10: User Emotion in Past Days

MusicLibrary

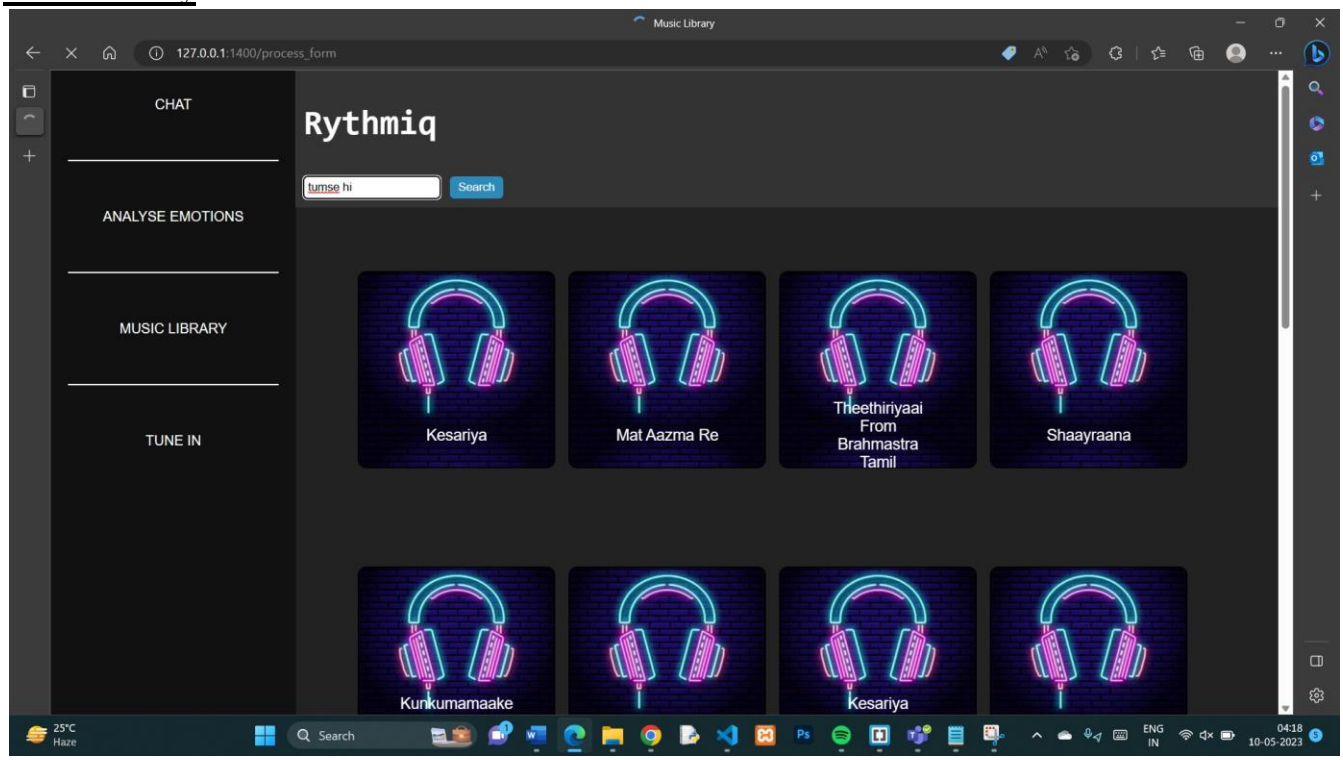


Fig 11:Music Library:User Entered Song Tumse hi

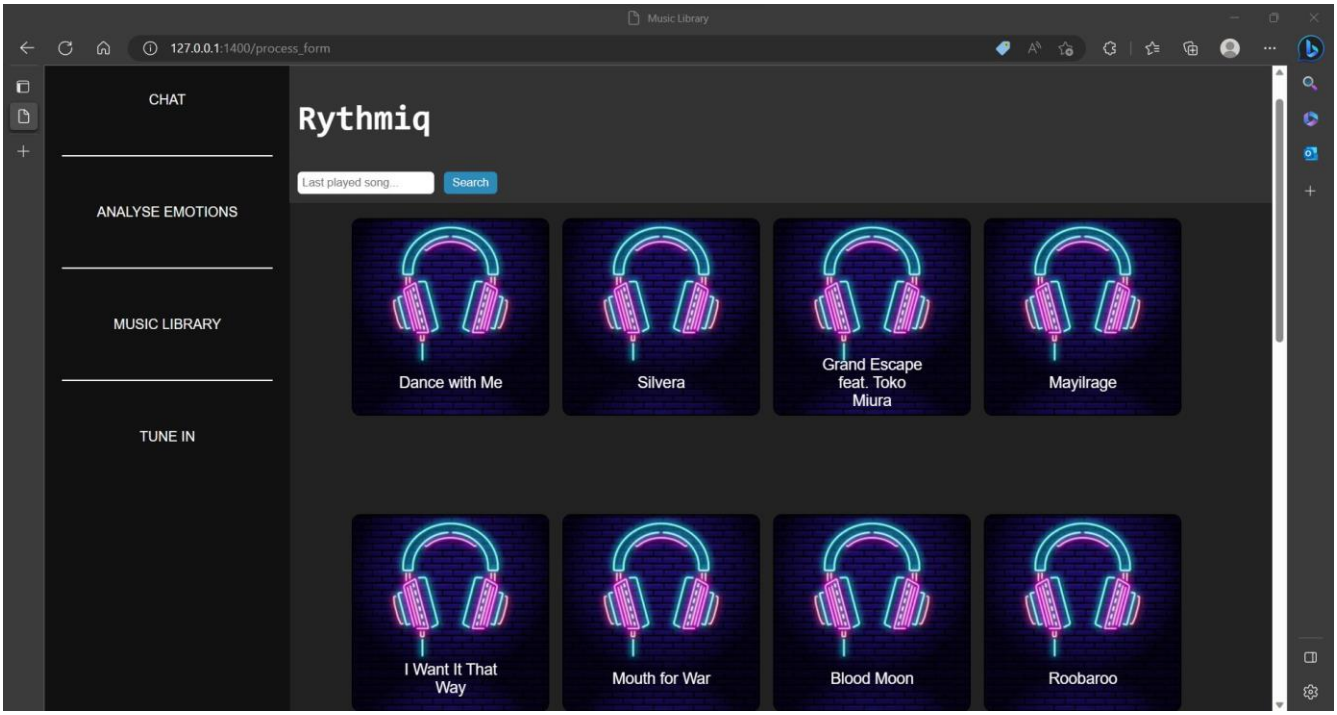


Fig 12:Song Suggested as Per Tumse hi

TuneIn

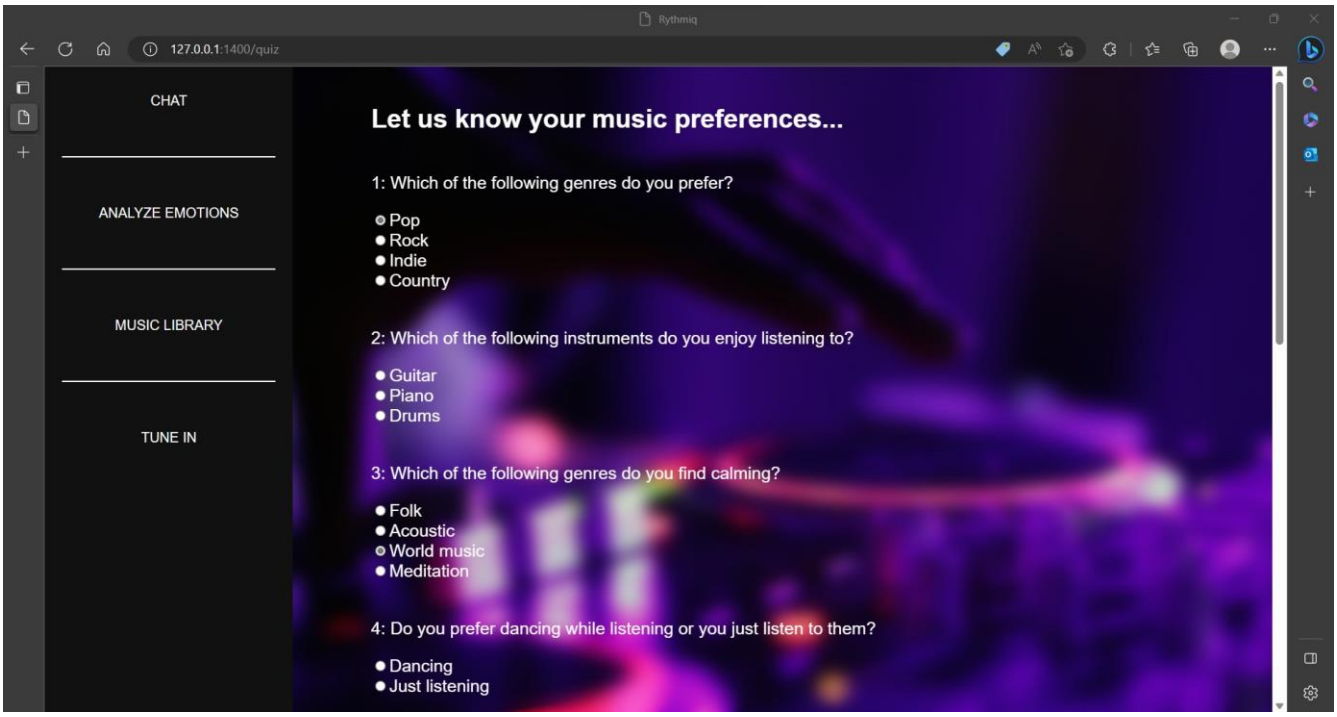


Fig 13 :User Preferences

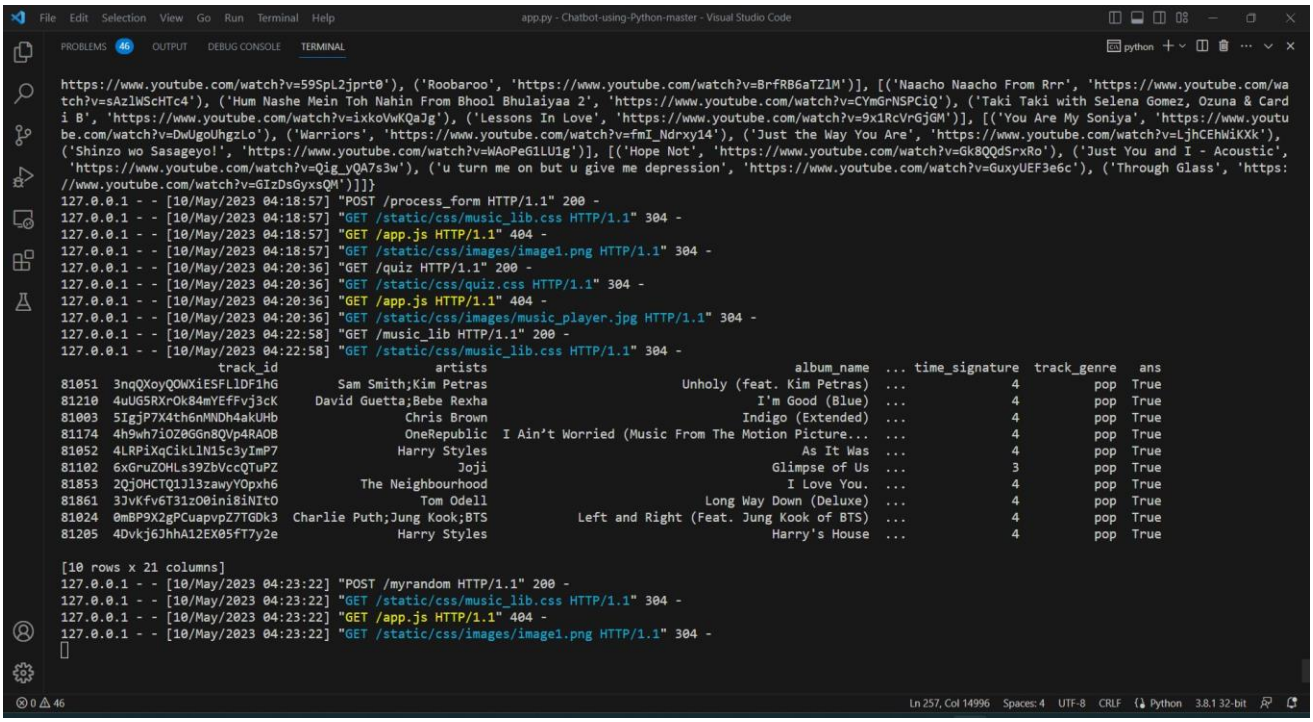


Fig 14 :Songs as Per User Preferences

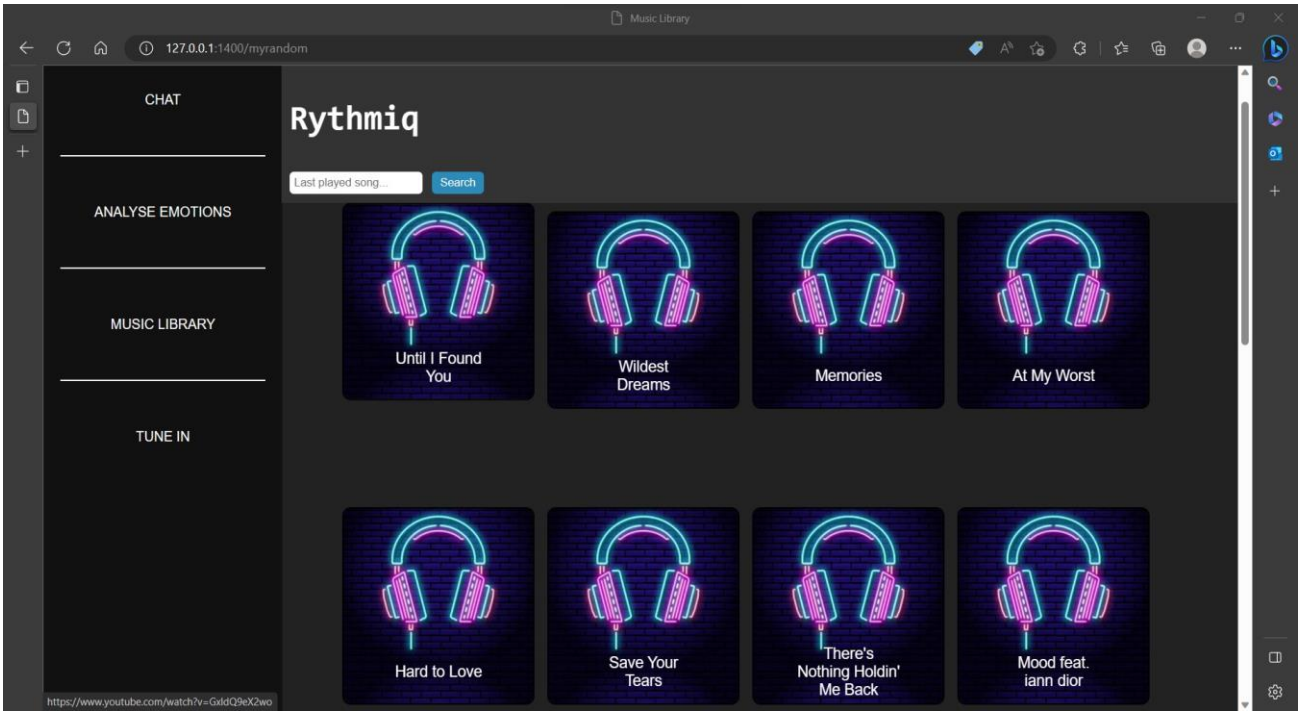


Fig 15 :Songs as Per User Preferences Shown on Music Player

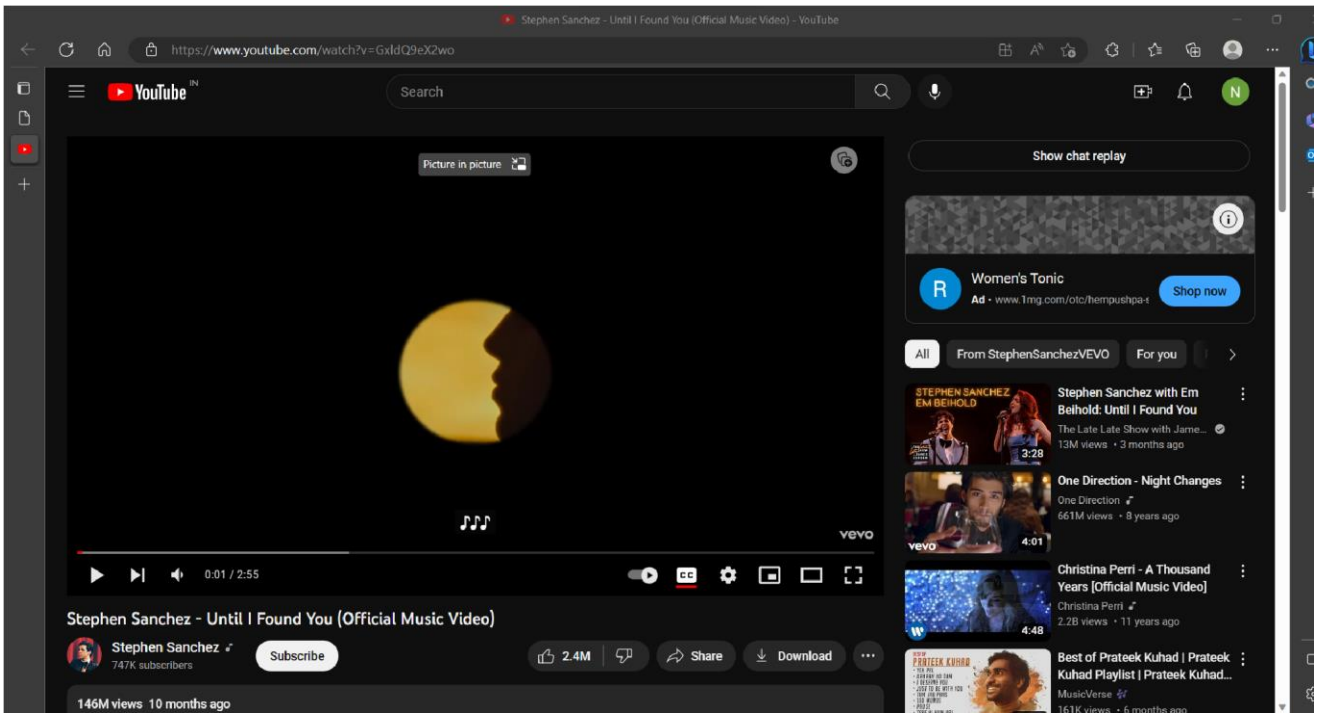


Fig 16 :Youtube Page where a song is being played