**Music Rating Platform**

**Specification :**

the idea of my web platform is to catalogue music (songs/artists) with ratings taken from already existing rating web Sites And i will also allow the user to register himself by entering his email/name(ID)/password, and to rate any song he wants based on his personal preferences.

**Technologies to Be Used:**

-For the client Side:

Html CSS JavaScript

-For the server Side:

Python + SQL Or Node.js +MongoDB

**Features to be implemented:**

-Top10 for this week

-User searches a song and it gets saved in the DB

**How the System works:**

I will include a Public API to fetch the rating data from 3rd parties. the data fetched will be stored in the database, so the website doesn’t have to request the data every time since the used ones are stored, it will be just loaded from the database.

when the user makes an account, his info will also be stored in a database.

the data modification (rating a song by a User) is allowed only when the user logs in. when the User logs in his data will be compared to the ones present in the database to check if he already has an account or not.

the first page will have the top 10 rated Songs in the world.

when the User rates a song, the average rating will be recalculated and restored in the database.