**Songs rating App**

**1) Use case:**

It is a web application with authentication that allows the user to search for songs and rate them

**2) Technologies:**

a. Frontend:

-HTML

-CSS

-Angular

b.Backend:

-Node.js built on express

-MongoDB for databases

-Node.js: The backend will contain the server and the routes. Each route is connected to a controller and each controller will have a class. The controller will contain the application logic while the class will handle database interactions

**Ex:** /rate is the route which would call a rating function () in the song controller that will connect to the song class

-MongoDB: it will contain the schemas (tables) of the application

-Angular+CSS+HTML: will be used to manage the design of the interface and the client side

For the Database we will have 2 tables:

-Users :{

First name,

Last name,

Username,

Email,

Password,

Date of Birth;

}

-Song :{

Song name,

Artist name,

Genre,

Album,

Rate Score,

[{UserID, score}] 🡺 array of objects composed of userID and score to know

Which user has rated and what was his rate

}