

# Task Detail

## Artist Management System

### Summary:

A Simple Admin panel to manage records of artists with their songs collection

### Technical Requirement:

#### 1. Relational Database:

- 1.1. Minimum tables required: User, Artist, Song
- 1.2. ORM mustn't be used. CRUD operation must be performed by Raw query.
- 1.3. Please refer to the next page for the schema diagram

#### 2. Language and Framework (Any)

- 2.1. API: Native or REST (based on your choice of framework/language)

#### 3. Core Task

##### 3.1. Initial Landing Page :

- 3.1.1. Admin users must land on a login Screen with an option for new registration.
- 3.1.2. If a new admin user registers, redirect them to the login page and allow them to log in next.
- 3.1.3. If an admin user is already logged in then the user must be redirected to the dashboard page.

##### 3.2. Dashboard Page :

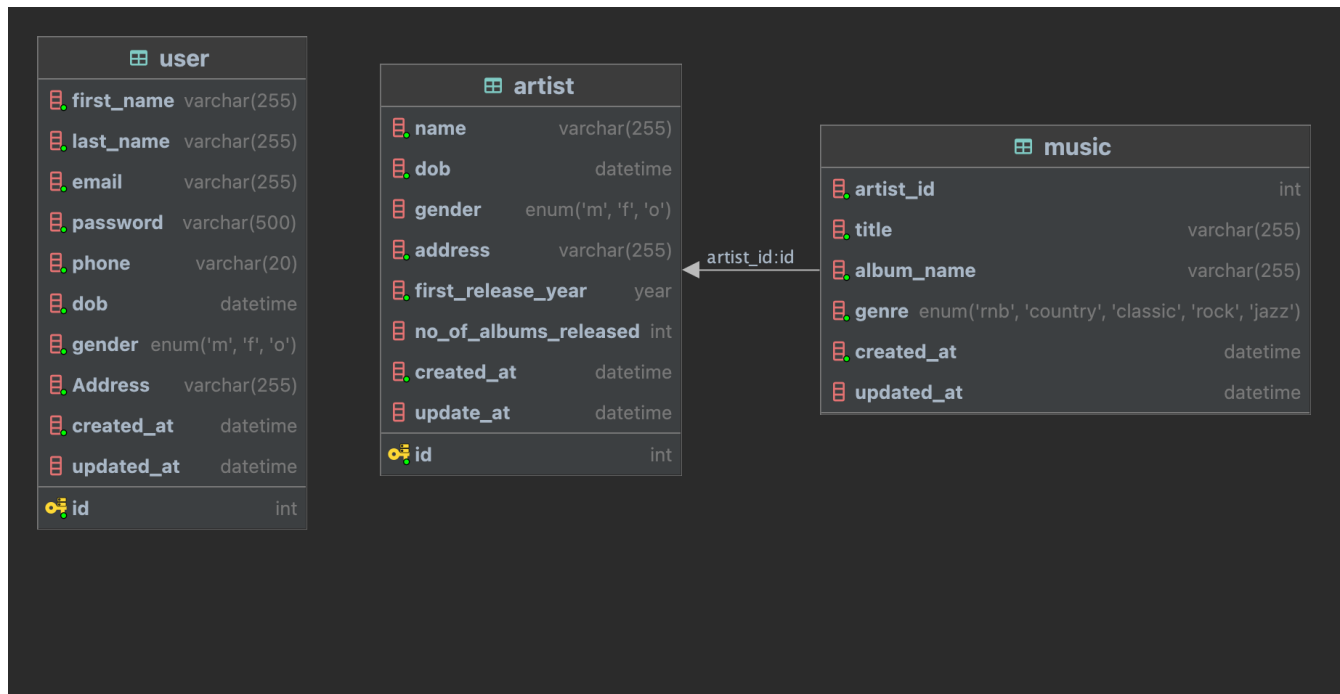
- 3.2.1. Admin must be able to perform CRUD operation for all the above tables.
- 3.2.2. A logout button must be present.
- 3.2.3. Tab 1: User [types: super\_admin, artist\_manager, artist]
  - > List the user records with pagination. [Role Access: super\_admin]
  - > Create a new user record. [Role Access: super\_admin]
  - > Update/Delete existing user records. [Role Access: super\_admin]

##### Tab2 : Artist

- > List the artist records with pagination. [Role Access: super\_admin, artist\_manager]
- > Create a new artist record. [Role Access: artist\_manager]
- > Update/Delete existing artist records. [Role Access: artist\_manager]
- > CSV Import and Export for the Artist. [Role Access: artist\_manager]
- > A button must redirect to a screen with a list of songs for that particular artist. [Role Access: super\_admin, artist\_manager]
  - >> Listing of songs for the user [Role Access: super\_admin, artist\_manager, artist]
  - >> Create a new song record for that artist. [Role Access: artist]
  - >> Update/Delete existing song records for that artist. [Role Access: artist]

\*Note: Please make sure validations are performed properly.

## Schema Reference:



User Table :

Add 1 more column : role - type (enum =["super\_admin", "artist\_manager", "artist"])