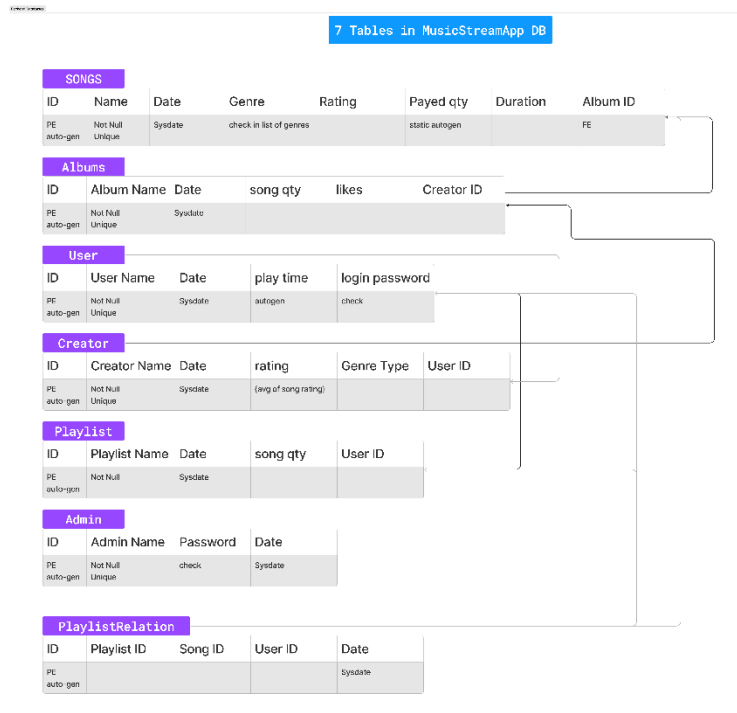


Report



Modern Application Dev-1 Project
K RAJA SUNDAR | 223001135

Music Streaming App

1. Login page → user(creator), admin. (role based access control)
2. Albums → collection of Songs put by creator.
3. Songs → tagged with date, time, genre, creator, rating. (can only be put and accessed through album)
4. Playlist → based on user creation group.
 - a. Recommend Playlist/song → based on genre and rating.
5. User → [has Playlist; views Albums, play & rate songs] → search functionality for all; register as creator.
6. Creator → <Users> [has albums(new songs)] → CRUD.
7. Admin → stats(total live users, creators, albums, songs likeness by users) dashboard; flag/remove anything.

Admin

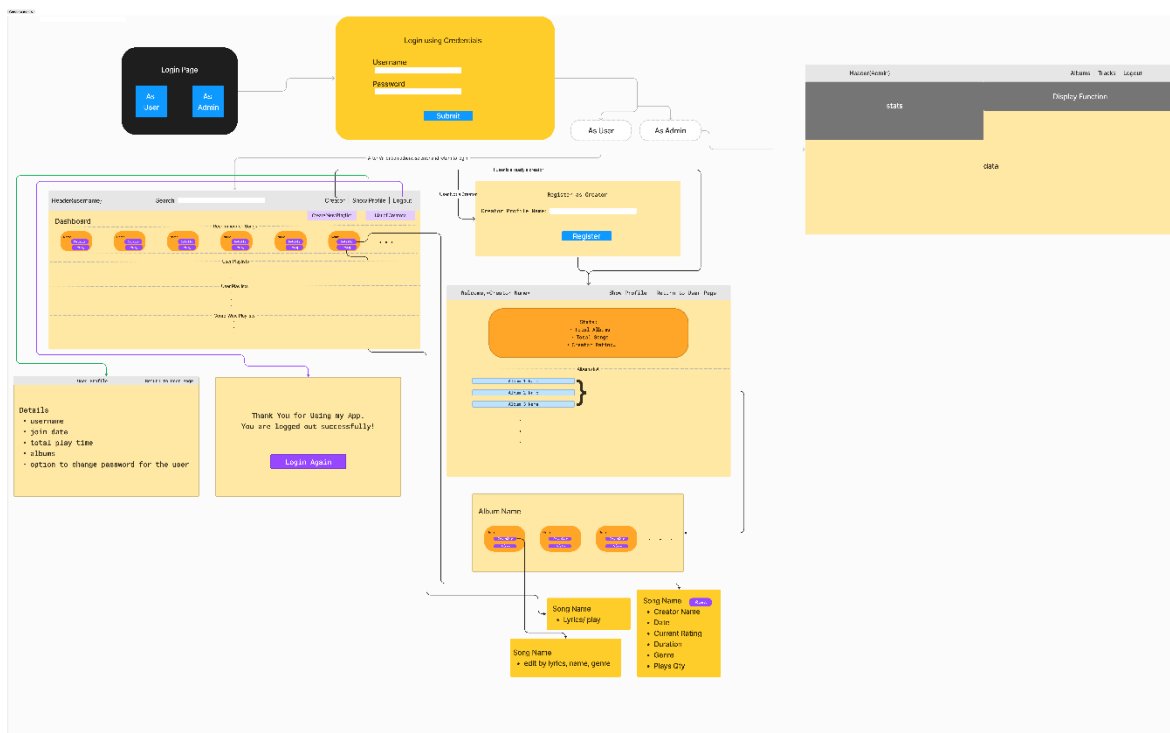
- Hard-coded DB for admin details.
 - Login authentication after choosing admin in main page using details in DB.
 - functions to evaluate stats.
1. dashboard → total creators, users, tracks, albums, genres, play time, popular songs list.
 - a. search songs with CRUD.
 - b. songs, albums view.
 - i. track control options(remove/flag)
 - c. graph for live genres and creators etc

User

- 1. DB for playlists, linking songs in the album.
 - 2. UI for users details.
1. Dashboard → recommend, genre-wise playlist, user playlists (read lyrics, play, view details, rate).
 2. Functions → list creators, Create new playlist.
 3. Header → creator login, user profile, Search, logout.

Creator

- DB for creator details linked with User.
 - DB for albums with detailed songs saved.
1. Dashboard → total album, songs, plays, rating; your uploads; album rearrangement/manage; a. CRUD for albums, new albums
 - b. Header → creator profile, search, logout.



https://drive.google.com/drive/folders/1DMnps3iF7G8a8r7zfqt38Wsg0k-PnrW?usp=drive_link