Event.ly

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PROJECT IDEA

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➤ Find recommended shows for you and your friends based on your taste in music!

➤ Generate playlists (with lyrics) before the show to help you get ready for the celebration!

➤ Find any other information you need to prepare for the show

API'S

- ➤ <u>last.fm</u> - **Chart.getTopArtists**
  - ★ Artist name
  - ★ Number of listeners
  - ★ Playcount
- ➤ **MusicGraph** -
  - ★ Search for Artist (by name)
    - ★ Genere
    - ★ Country
    - ★ Artist ID
  - ★ Get all the albums by artist (using Artist ID) Playcount
    - ★ Album name
    - ★ Album ID
    - ★ Release year
    - ★ Number of tracks
  - ★ Get all the tracks by album (using Album ID)
    - ★ Track ID
    - ★ Track name
    - ★ Track duration

API'S

- ➤ **Lyrics.ovh - Search for Lyrics (by Artist Name and Track Title)**
  - ★ Track lyrics
- ➤ **BandsInTown - Get Upcoming Artist Events (using Aritst Name)**
  - ★ Event ID
  - ★ Date of event
  - ★ On sale date
  - ★ Venue
  - ★ City
  - ★ Country

DATABASES

Artists
Artist ID
Artist Name
Country
Genre
Playcount
Listeners

Albums
Album ID
Album Title
Release Year
Number of Tracks

Tracks
Track ID
Track title
Lyrics
Duration

Events
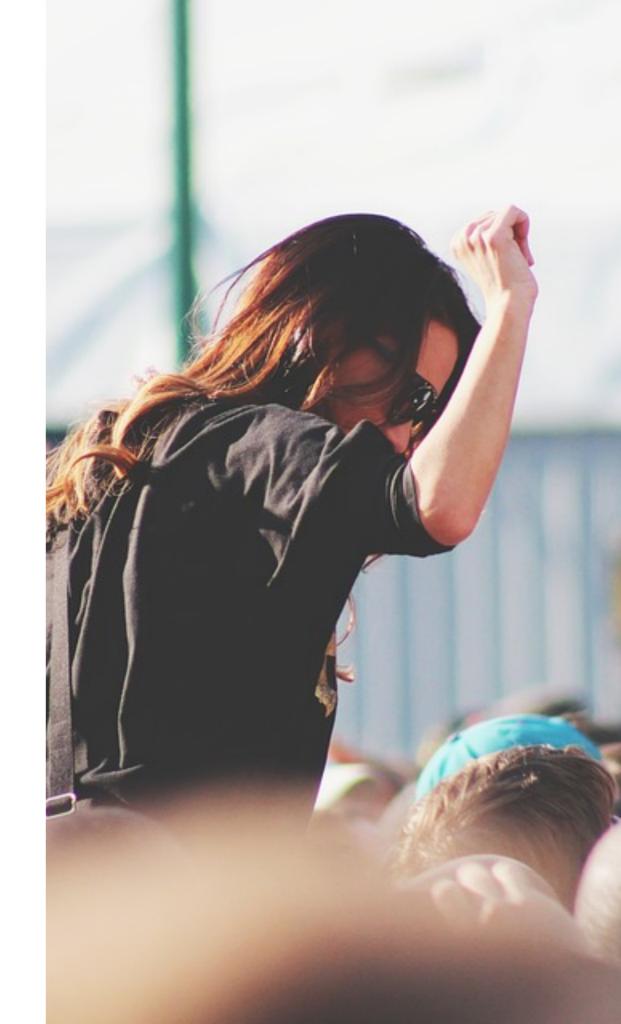| |
|---|
| Event ID |
| Date of Event |
| On Sale Date |
| Venue |
| City |
| Country |

WORK PLAN

- ★ **Create back-end**
  - ★ Create python script to build our scheme
  - ★ Create python script to insert data from CSV files
  - ★ Create python script for interacting with front-end
- ★ **Create front-end**
  - ★ Create login page
  - ★ Create admin page
  - ★ Create query page
  - ★ Create update/insert page

E/R DIAGRAM