

Homework #2 CH-560

Arkid Kaleci

a.kaleci@jacobs-university.de

Mahmoud El Bergui

m.elbergui@jacobs-university.de

Arukwe, Chigozirim Margaret

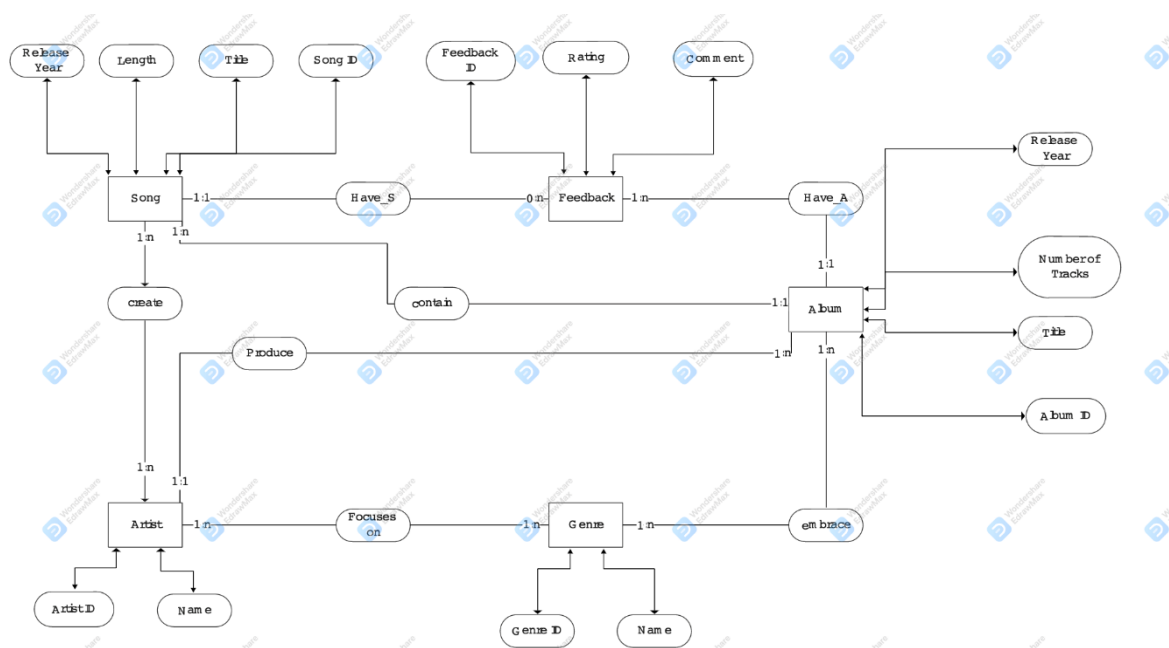
c.arukwe@jacobs-university.de

Music Database Service

Our web application would consist of a music-data web service. This service is designed with the enjoyers of particular music niches in mind. We're starting our project small with a few artists, but growing our database in a regular basis.

Creation of the web app would include a database with songs, albums, artists, and data about them as sampled by the ER diagram. Soon, we'll add reviews to our services so music enjoyers can view their favorite titles in new ways. Later on, we plan on adding ways for the user to interact with the webpage such as having account, forums, and user-uploaded comments.

Our service allows users to search for titles, attributes or even lyrics, and get details about them. Data is displayed in multiple ways for convenience, and there's more to the data available, such as articles, reviews, and playlists made by the staff themselves through the help of the amazing internet.



Everything is listed in terms of priority with the features implemented first being in the top of the list.

Interface:

- List of albums, songs of the band
- Sorting of albums, songs by year of release
- Grouping of albums according to different attributes
- Displaying for specific tracks attributes (metadata) and lyrics.
- Displaying for specific albums their data.
- Adding more artists to the website.
- Listing and sorting artists depending on particular attributes.
- Displaying for specific artists information about the artist and showing their songs and albums in the same page.
- Integrating special kinds of pages in our website such as blogs or rankings.
- Integrating a user system accompanied by a user-review section feature.

Interactions:

- Be able to select which song, album, or artist they want to see more information about.
- Be able to search songs, albums, or artists through text.
- Be able to jump through different pages by clicking keywords (particular attributes) in each page.
- Be able to compare songs, or albums by reviews.
- Be able to find songs by lyrics through searching for keywords.
- Be able to log-in, manage their account, and post comments regarding specific songs, albums, or artists.