

USER(username, password, first_name, last_name, email, display_name, creation_date, last_accessed)

This was created to map directly to the requested User entity within the domain document.

ARTIST(artist_id, artist_name)

This was created to map directly to the requested Artist entity within the domain document, and to map the requested artist attribute to both albums and songs.

GROUP(group_id, group_name)

This was created to allow for multiple artists to be credited on the same album or song, this can be viewed like a band.

ARTIST_IN_GROUP(group_id, artist_id)

This is how multiple artists are tracked within a group.

SONG(song_id, group_id, title, length_ms, release_date)

This was created to map directly to the requested Song entity within the domain document.

COLLECTION(collection_id, creator_username, collection_name, creation_date)

This was created to allow for the User to make collections of different songs.

ALBUM(album_id, group_id, release_date, album_name)

This was created to map directly to the requested Album entity within the domain document.

SONG_WITHIN_COLLECTION(collection_id, song_id)

This was created to track which songs are which collections, and vice versa, track number is also tracked here.

SONG_WITHIN_ALBUM(album_id, song_id, track_number)

This was created to track which songs are which albums, and vice versa, track number is also tracked here.

USER_FOLLOW(follower_user_id, followed_user_id)

This was created to allow for the User to follow other Users.

ARTIST_FOLLOW(follower_user_id, artist_id)

This was created to allow for the User to follow Artists.

LISTEN(listener_username, song_id, date_of_view)

This was created to track when a User has listened to a song.

RATING(rater_username, song_id, rating)

This was created to allow for the User to rate different songs.

SONG_GENRE(song_id, genre)

This was created to track the genre of different songs, and to allow for multiple genres to be on a specific song.

ALBUM_GENRE(album_id, genre)

This was created to track the genre of different albums, and to allow for multiple genres to be on a specific album.