

Öğrenci No: G201210029

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Tanıtım: Uygulama bir müzik çalara yazılıma ait veri tabanında çalma listelerine müzik ekleme, çıkarma, müzik arama, çalma listelerini yönetme işlemlerini gerçekleştiriyor.

İş Kuralları:

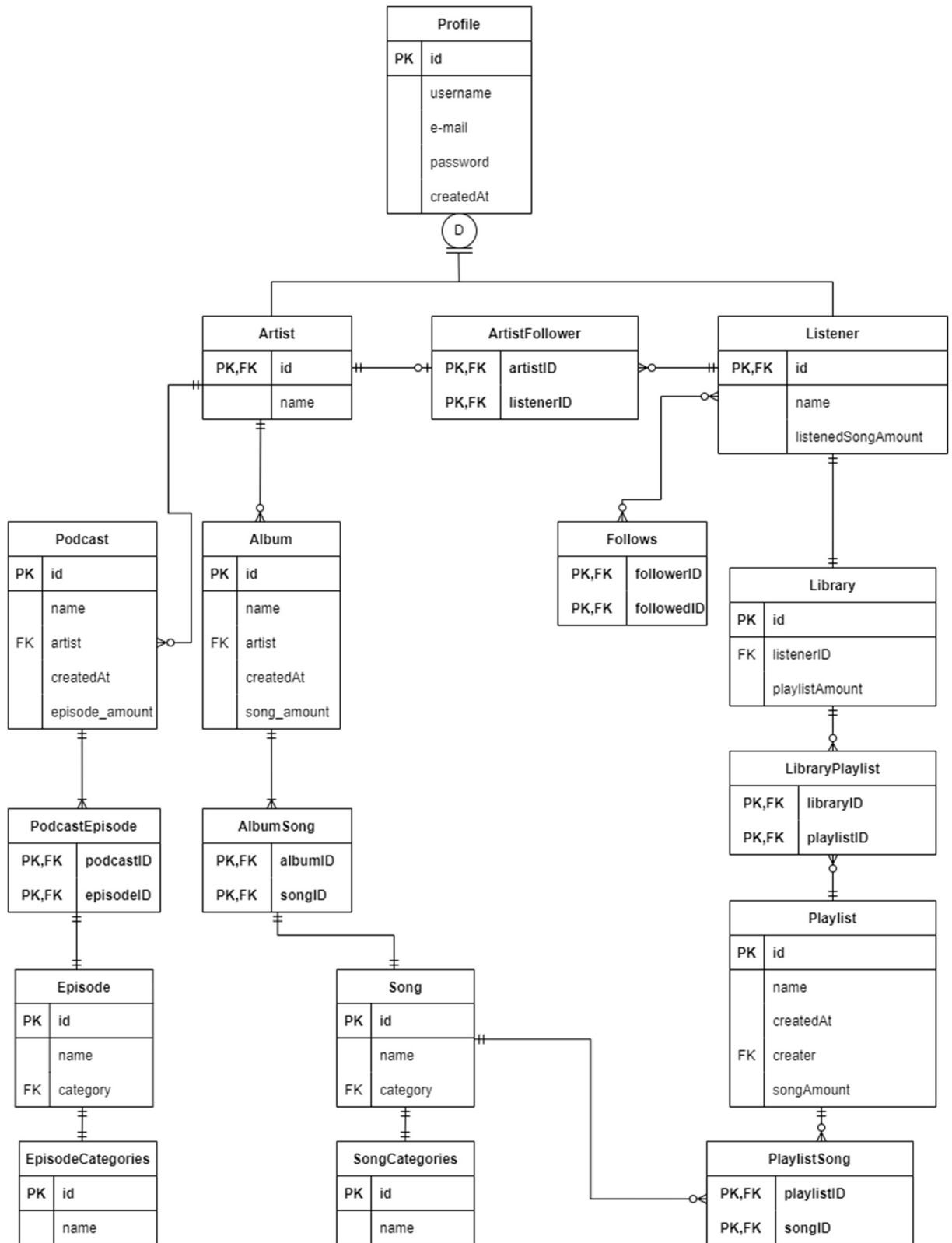
- Kullanıcıların kullanıcı adı, e-mail, şifre, oluşturulma tarihi bilgileri mevcuttur.
- Kullanıcılar dinleyici ve sanatçı olmak üzere ikiye ayrılır.
- Sanatçının isim bilgisi mevcuttur.
- Albümlerin kodu, ismi, çıkaran sanatçısı, çıkış tarihi, şarkı adeti bilgileri tutulmalıdır.
- Albümler sanatçılar tarafından çıkarılmaktadır.
- Podcastlerin kodu, ismi, çıkaran sanatçısı, çıkış tarihi, şarkı adeti bilgileri tutulmalıdır.
- Podcastler sanatçılar tarafından çıkarılmaktadır.
- Şarkıların kodu, isim, tür bilgisi tutulmalıdır.
- Şarkı türü kodu, tür bilgilerini tutmalıdır.
- Bölümlerin kodu, ismi, tür bilgisi tutulmalıdır.
- Bölüm türü kodu, tür bilgileri tutmalıdır.
- Dinleyicinin kullanıcı adı, isim, kitaplık, dinlenen şarkı sayısı bilgileri mevcuttur.
- Kitaplık kodu, dinleyici kullanıcı adı, çalma listesi sayısı tutulmalıdır.
- Kitaplık dinleyiciye özeldir. Sadece tek dinleyiciye ait olabilir.

- Çalma listesi kodu, ismi, oluşturulma tarihi, oluşturan dinleyici, şarkı adeti bilgileri tutulmalıdır.
- Sanatçı ve dinleyici arasındaki bağlantı kullanıcı adı ile kurulur.
- Bir kullanıcı ya dinleyici ya da sanatçı olmak zorundadır. İkisi birden olamaz.
- Bir sanatçı hiç albüme sahip olamayacağı gibi birden fazlasına da sahip olabilir. Bir albüm yalnızca bir sanatçıya ait olabilir.
- Bir sanatçı hiç podcast sahip olamayacağı gibi birden fazlasına da sahip olabilir. Bir podcast yalnızca bir sanatçıya ait olabilir.
- Bir sanatçının ismi benzersiz olmalıdır.
- Bir albüm çok sayıda şarkıdan oluşur. En az bir şarkıdan oluşmak zorundadır.
- Bir podcast çok sayıda bölümden oluşur. En az bir bölümden oluşmak zorundadır.
- Bir şarkı bir albüme ait olmak zorundadır. Bu bilgiler kayıt altına alınmalıdır. Bir şarkı yalnızca bir albüme ait olabilir.
- Bir şarkı bir şarkı türüne ait olmak zorundadır. Bir tür birden fazla şarkıya ait olabileceği gibi hiç ait olmayabilir.
- Bir bölüm yalnızca bir podcaste aittir. Bu bilgi kayıt altına alınmalıdır.
- Bir bölüm yalnızca bir podcast türüne ait olabilir.
- Dinleyiciler yalnızca bir kitaplığa sahip olabilir. Bir kitaplık yalnızca bir dinleyiciye ait olabilir.
- Bir kitaplık birden fazla çalma listesi içerebileceği gibi, hiç içermeyebilir.
- Bir çalma listesi kitaplıklara ait olabildiği gibi hiç ait olmayabilir.
- Çalma listelerinin ait oldukları kitaplık bilgileri tutulmalıdır.
- Bir çalma listesi birden fazla şarkı içerebileceği gibi hiç şarkı içermeyebilir.
- Bir şarkı birden fazla çalma listesine ait olabileceği gibi hiç çalma listesine ait olmayabilir.
- Çalma listelerindeki şarkıların bilgileri tutulmalıdır.
- Bir sanatçıyı birden fazla dinleyici takip edebilir ancak bir sanatçı bir kullanıcıyı takip edemez.

- Bir dinleyici birden fazla dinleyici veya sanatçı takip edebildiği gibi hiç takip etmeyebilirde.

İlişkisel Şema:

- Profile(id: serial, username: string, e-mail: string, password: integer, createdAt: date)
- Artist(id: serial, name: string)
- Listener(id: serial, name: string, listenedSongAmount: integer)
- Album(id: serial, name: string, artist: integer, createdAt: date, songAmount: integer)
- Podcast(id: serial, name: string, artist: integer, createdAt: date, songAmount: integer)
- PodcastEpisode(podcastID: integer, episodeID: integer)
- Episode(id: serial, name: string, category: integer)
- EpisodeCategory(id: serial, name: string)
- AlbumSong(albumID: integer, songID: integer)
- Song(id: serial, name: string, category: integer)
- SongCategory(id: serial, name: string)
- ArtistFollower(artistID: integer, listenerID: integer)
- Follows(followerID: integer, followedID: integer)
- Library(id: serial, listenerID: integer, playlistAmount: integer)
- LibraryPlaylist(libraryID: integer, playlistID: integer)
- Playlist(id: serial, name: string, createdAt: date, creator: integer, songAmount: integer)
- PlaylistSong(playlistID: integer, songID: integer)



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--
-- PostgreSQL database dump
--

-- Dumped from database version 15.1
-- Dumped by pg_dump version 15.1

-- Started on 2022-12-26 16:55:42

SET statement_timeout = 0;
SET lock_timeout = 0;
SET idle_in_transaction_session_timeout = 0;
SET client_encoding = 'UTF8';
SET standard_conforming_strings = on;
SELECT pg_catalog.set_config('search_path', '', false);
SET check_function_bodies = false;
SET xmloption = content;
SET client_min_messages = warning;
SET row_security = off;

--
-- TOC entry 240 (class 1255 OID 17493)
-- Name: add_library_func(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.add_library_func() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
    Insert into library values (default, new.id, default);
    return new;
end;
$$;

ALTER FUNCTION public.add_library_func() OWNER TO postgres;

--
-- TOC entry 244 (class 1255 OID 17530)
-- Name: add_song(integer, integer); Type: PROCEDURE; Schema: public; Owner: postgres
--

CREATE PROCEDURE public.add_song(IN p1 integer, IN p2 integer)
    LANGUAGE plpgsql
    AS $$
begin
insert into playlist_song values (p1, p2);

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end; $$;

ALTER PROCEDURE public.add_song(IN p1 integer, IN p2 integer) OWNER TO
postgres;

--
-- TOC entry 261 (class 1255 OID 17540)
-- Name: change_playlist_name(text, integer); Type: PROCEDURE; Schema: public;
Owner: postgres
--

CREATE PROCEDURE public.change_playlist_name(IN p1 text, IN p2 integer)
    LANGUAGE plpgsql
    AS $$
begin

update playlist set name = p1 where id = p2;

end; $$;

ALTER PROCEDURE public.change_playlist_name(IN p1 text, IN p2 integer) OWNER
TO postgres;

--
-- TOC entry 242 (class 1255 OID 17521)
-- Name: decrease_song_amount_func(); Type: FUNCTION; Schema: public; Owner:
postgres
--

CREATE FUNCTION public.decrease_song_amount_func() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
    update playlist set song_amount = song_amount - 1 where id =
old.playlist_id;
    return new;
end;
$$;

ALTER FUNCTION public.decrease_song_amount_func() OWNER TO postgres;

--
-- TOC entry 245 (class 1255 OID 17531)
-- Name: delete_song(integer, integer); Type: PROCEDURE; Schema: public;
Owner: postgres

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--
CREATE PROCEDURE public.delete_song(IN p1 integer, IN p2 integer)
    LANGUAGE plpgsql
    AS $$
begin

delete from playlist_song where playlist_id = p1 and song_id = p2;

end; $$;

ALTER PROCEDURE public.delete_song(IN p1 integer, IN p2 integer) OWNER TO
postgres;

--
-- TOC entry 260 (class 1255 OID 17539)
-- Name: find_song(text); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.find_song(p1 text) RETURNS TABLE(songid integer,
songname character varying, artist character varying, album character varying)
    LANGUAGE plpgsql
    AS $$
begin
    return query
    select song.id, song.name, artist.name, album.name from album_song
    inner join album
    on album_song.album_id = album.id
    inner join song
    on album_song.song_id = song.id
    inner join artist
    on album.artist = artist.id
    where song.name = p1;
end;
$$;

ALTER FUNCTION public.find_song(p1 text) OWNER TO postgres;

--
-- TOC entry 252 (class 1255 OID 17536)
-- Name: find_song(character varying); Type: FUNCTION; Schema: public; Owner:
postgres
--

CREATE FUNCTION public.find_song(p1 character varying) RETURNS TABLE(songid
integer, songname character varying, artist character varying, album character
varying)

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    LANGUAGE plpgsql
    AS $$
begin
    return query
    select song.id, song.name, artist.name, album.name from album_song
    inner join album
    on album_song.album_id = album.id
    inner join song
    on album_song.song_id = song.id
    inner join artist
    on album.artist = artist.id
    where song.name = p1;
end;
$$;

ALTER FUNCTION public.find_song(p1 character varying) OWNER TO postgres;

--
-- TOC entry 243 (class 1255 OID 17523)
-- Name: increase_playlist_amount_func(); Type: FUNCTION; Schema: public;
Owner: postgres
--

CREATE FUNCTION public.increase_playlist_amount_func() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
    update library set playlist_amount = playlist_amount + 1 where id =
new.library_id;
    return new;
end;
$$;

ALTER FUNCTION public.increase_playlist_amount_func() OWNER TO postgres;

--
-- TOC entry 241 (class 1255 OID 17519)
-- Name: increase_song_amount_func(); Type: FUNCTION; Schema: public; Owner:
postgres
--

CREATE FUNCTION public.increase_song_amount_func() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
    update playlist set song_amount = song_amount + 1 where id =
new.playlist_id;

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        return new;
end;
$$;

ALTER FUNCTION public.increase_song_amount_func() OWNER TO postgres;

--
-- TOC entry 246 (class 1255 OID 17532)
-- Name: playlist_list(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.playlist_list() RETURNS TABLE(playlistid integer,
playlistadi character varying, sarkiid integer, sarkiadi character varying)
    LANGUAGE plpgsql
    AS $$
begin
    return query
    select playlist.id, playlist.name, song.id, song.name from playlist_song
    inner join playlist
    on playlist_song.playlist_id = playlist.id
    inner join song
    on playlist_song.song_id = song.id ORDER BY playlist_id ASC, song_id ASC;
end;
$$;

ALTER FUNCTION public.playlist_list() OWNER TO postgres;

--
-- TOC entry 247 (class 1255 OID 17533)
-- Name: song_list(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.song_list() RETURNS TABLE(songid integer, songname
character varying, artist character varying, album character varying)
    LANGUAGE plpgsql
    AS $$
begin
    return query
    select song.id, song.name, artist.name, album.name from album_song
    inner join album
    on album_song.album_id = album.id
    inner join song
    on album_song.song_id = song.id
    inner join artist
    on album.artist = artist.id
    ORDER BY album_id ASC, song_id ASC;
end;

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$$;

ALTER FUNCTION public.song_list() OWNER TO postgres;

SET default_tablespace = '';

SET default_table_access_method = heap;

--
-- TOC entry 223 (class 1259 OID 17247)
-- Name: album; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.album (
    id integer NOT NULL,
    name character varying(50) NOT NULL,
    artist integer NOT NULL,
    created_at date DEFAULT CURRENT_DATE NOT NULL,
    song_amount integer DEFAULT 0
);

ALTER TABLE public.album OWNER TO postgres;

--
-- TOC entry 222 (class 1259 OID 17246)
-- Name: album_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public.album_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public.album_id_seq OWNER TO postgres;

--
-- TOC entry 3513 (class 0 OID 0)
-- Dependencies: 222
-- Name: album_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner: postgres
--

ALTER SEQUENCE public.album_id_seq OWNED BY public.album.id;

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--
-- TOC entry 233 (class 1259 OID 17351)
-- Name: album_song; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.album_song (
    album_id integer NOT NULL,
    song_id integer NOT NULL
);

ALTER TABLE public.album_song OWNER TO postgres;

--
-- TOC entry 215 (class 1259 OID 17170)
-- Name: profile; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.profile (
    id integer NOT NULL,
    username character varying(100) NOT NULL,
    email character varying(50) NOT NULL,
    password integer NOT NULL,
    created_at date DEFAULT CURRENT_DATE
);

ALTER TABLE public.profile OWNER TO postgres;

--
-- TOC entry 216 (class 1259 OID 17183)
-- Name: artist; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.artist (
    name character varying(100) NOT NULL
)
INHERITS (public.profile);

ALTER TABLE public.artist OWNER TO postgres;

--
-- TOC entry 237 (class 1259 OID 17412)
-- Name: artist_followers; Type: TABLE; Schema: public; Owner: postgres
--
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CREATE TABLE public.artist_followers (  
    artist_id integer NOT NULL,  
    follower_id integer NOT NULL  
);  
  
ALTER TABLE public.artist_followers OWNER TO postgres;  
  
--  
-- TOC entry 225 (class 1259 OID 17279)  
-- Name: episode; Type: TABLE; Schema: public; Owner: postgres  
--  
  
CREATE TABLE public.episode (  
    id integer NOT NULL,  
    name character varying(50) NOT NULL,  
    category integer NOT NULL  
);  
  
ALTER TABLE public.episode OWNER TO postgres;  
  
--  
-- TOC entry 227 (class 1259 OID 17288)  
-- Name: episode_category; Type: TABLE; Schema: public; Owner: postgres  
--  
  
CREATE TABLE public.episode_category (  
    id integer NOT NULL,  
    name character varying(50) NOT NULL  
);  
  
ALTER TABLE public.episode_category OWNER TO postgres;  
  
--  
-- TOC entry 226 (class 1259 OID 17287)  
-- Name: episode_category_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres  
--  
  
CREATE SEQUENCE public.episode_category_id_seq  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```

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ALTER TABLE public.episode_category_id_seq OWNER TO postgres;

--
-- TOC entry 3514 (class 0 OID 0)
-- Dependencies: 226
-- Name: episode_category_id_seq; Type: SEQUENCE OWNED BY; Schema: public;
Owner: postgres
--

ALTER SEQUENCE public.episode_category_id_seq OWNED BY
public.episode_category.id;

--
-- TOC entry 224 (class 1259 OID 17278)
-- Name: episode_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public.episode_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public.episode_id_seq OWNER TO postgres;

--
-- TOC entry 3515 (class 0 OID 0)
-- Dependencies: 224
-- Name: episode_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner:
postgres
--

ALTER SEQUENCE public.episode_id_seq OWNED BY public.episode.id;

--
-- TOC entry 238 (class 1259 OID 17427)
-- Name: follows; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.follows (
    follower_id integer NOT NULL,
    followed_id integer NOT NULL
);

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ALTER TABLE public.follows OWNER TO postgres;

--
-- TOC entry 219 (class 1259 OID 17218)
-- Name: library; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.library (
    id integer NOT NULL,
    listener_id integer DEFAULT 0 NOT NULL,
    playlist_amount integer DEFAULT 0 NOT NULL
);

ALTER TABLE public.library OWNER TO postgres;

--
-- TOC entry 218 (class 1259 OID 17217)
-- Name: library_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public.library_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public.library_id_seq OWNER TO postgres;

--
-- TOC entry 3516 (class 0 OID 0)
-- Dependencies: 218
-- Name: library_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner: postgres
--

ALTER SEQUENCE public.library_id_seq OWNED BY public.library.id;

--
-- TOC entry 236 (class 1259 OID 17397)
-- Name: library_playlist; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.library_playlist (
    library_id integer NOT NULL,

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    playlist_id integer NOT NULL
);

ALTER TABLE public.library_playlist OWNER TO postgres;

--
-- TOC entry 217 (class 1259 OID 17205)
-- Name: listener; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.listener (
    name character varying(100) NOT NULL,
    listened_song_amount integer DEFAULT 0 NOT NULL
)
INHERITS (public.profile);

ALTER TABLE public.listener OWNER TO postgres;

--
-- TOC entry 235 (class 1259 OID 17382)
-- Name: playlist; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.playlist (
    id integer NOT NULL,
    name character varying NOT NULL,
    created_at date DEFAULT CURRENT_DATE NOT NULL,
    creator integer NOT NULL,
    song_amount integer DEFAULT 0 NOT NULL
);

ALTER TABLE public.playlist OWNER TO postgres;

--
-- TOC entry 234 (class 1259 OID 17381)
-- Name: playlist_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public.playlist_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

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ALTER TABLE public.playlist_id_seq OWNER TO postgres;

--
-- TOC entry 3517 (class 0 OID 0)
-- Dependencies: 234
-- Name: playlist_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner: postgres
--

ALTER SEQUENCE public.playlist_id_seq OWNED BY public.playlist.id;

--
-- TOC entry 239 (class 1259 OID 17458)
-- Name: playlist_song; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.playlist_song (
    playlist_id integer NOT NULL,
    song_id integer NOT NULL
);

ALTER TABLE public.playlist_song OWNER TO postgres;

--
-- TOC entry 221 (class 1259 OID 17231)
-- Name: podcast; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.podcast (
    id integer NOT NULL,
    name character varying(50) NOT NULL,
    artist integer NOT NULL,
    created_at date DEFAULT CURRENT_DATE NOT NULL,
    episode_amount integer DEFAULT 0
);

ALTER TABLE public.podcast OWNER TO postgres;

--
-- TOC entry 228 (class 1259 OID 17296)
-- Name: podcast_episode; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.podcast_episode (
    podcast_id integer NOT NULL,
    episode_id integer NOT NULL
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);

ALTER TABLE public.podcast_episode OWNER TO postgres;

--
-- TOC entry 220 (class 1259 OID 17230)
-- Name: podcast_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public.podcast_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public.podcast_id_seq OWNER TO postgres;

--
-- TOC entry 3518 (class 0 OID 0)
-- Dependencies: 220
-- Name: podcast_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner: postgres
--

ALTER SEQUENCE public.podcast_id_seq OWNED BY public.podcast.id;

--
-- TOC entry 214 (class 1259 OID 17169)
-- Name: profile_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public.profile_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public.profile_id_seq OWNER TO postgres;

--
-- TOC entry 3519 (class 0 OID 0)
```

```
-- Dependencies: 214
-- Name: profile_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner:
postgres
--

ALTER SEQUENCE public.profile_id_seq OWNED BY public.profile.id;

--
-- TOC entry 229 (class 1259 OID 17311)
-- Name: song_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public.song_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public.song_id_seq OWNER TO postgres;

--
-- TOC entry 230 (class 1259 OID 17312)
-- Name: song; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.song (
    id integer DEFAULT nextval('public.song_id_seq'::regclass) NOT NULL,
    name character varying(50) NOT NULL,
    category integer NOT NULL
);

ALTER TABLE public.song OWNER TO postgres;

--
-- TOC entry 232 (class 1259 OID 17340)
-- Name: song_category; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.song_category (
    id integer NOT NULL,
    name character varying(50) NOT NULL
);
```

```
ALTER TABLE public.song_category OWNER TO postgres;

--
-- TOC entry 231 (class 1259 OID 17339)
-- Name: song_category_id_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public.song_category_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public.song_category_id_seq OWNER TO postgres;

--
-- TOC entry 3520 (class 0 OID 0)
-- Dependencies: 231
-- Name: song_category_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner: postgres
--

ALTER SEQUENCE public.song_category_id_seq OWNED BY public.song_category.id;

--
-- TOC entry 3269 (class 2604 OID 17250)
-- Name: album id; Type: DEFAULT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.album ALTER COLUMN id SET DEFAULT
nextval('public.album_id_seq'::regclass);

--
-- TOC entry 3258 (class 2604 OID 17186)
-- Name: artist id; Type: DEFAULT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.artist ALTER COLUMN id SET DEFAULT
nextval('public.profile_id_seq'::regclass);

--
-- TOC entry 3259 (class 2604 OID 17204)
-- Name: artist created_at; Type: DEFAULT; Schema: public; Owner: postgres
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--  
  
ALTER TABLE ONLY public.artist ALTER COLUMN created_at SET DEFAULT  
CURRENT_DATE;  
  
--  
-- TOC entry 3272 (class 2604 OID 17282)  
-- Name: episode id; Type: DEFAULT; Schema: public; Owner: postgres  
--  
  
ALTER TABLE ONLY public.episode ALTER COLUMN id SET DEFAULT  
nextval('public.episode_id_seq'::regclass);  
  
--  
-- TOC entry 3273 (class 2604 OID 17291)  
-- Name: episode_category id; Type: DEFAULT; Schema: public; Owner: postgres  
--  
  
ALTER TABLE ONLY public.episode_category ALTER COLUMN id SET DEFAULT  
nextval('public.episode_category_id_seq'::regclass);  
  
--  
-- TOC entry 3263 (class 2604 OID 17221)  
-- Name: library id; Type: DEFAULT; Schema: public; Owner: postgres  
--  
  
ALTER TABLE ONLY public.library ALTER COLUMN id SET DEFAULT  
nextval('public.library_id_seq'::regclass);  
  
--  
-- TOC entry 3260 (class 2604 OID 17208)  
-- Name: listener id; Type: DEFAULT; Schema: public; Owner: postgres  
--  
  
ALTER TABLE ONLY public.listener ALTER COLUMN id SET DEFAULT  
nextval('public.profile_id_seq'::regclass);  
  
--  
-- TOC entry 3261 (class 2604 OID 17209)  
-- Name: listener created_at; Type: DEFAULT; Schema: public; Owner: postgres  
--  
  
ALTER TABLE ONLY public.listener ALTER COLUMN created_at SET DEFAULT  
CURRENT_DATE;
```

```

--
-- TOC entry 3276 (class 2604 OID 17385)
-- Name: playlist id; Type: DEFAULT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.playlist ALTER COLUMN id SET DEFAULT
nextval('public.playlist_id_seq'::regclass);

--
-- TOC entry 3266 (class 2604 OID 17234)
-- Name: podcast id; Type: DEFAULT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.podcast ALTER COLUMN id SET DEFAULT
nextval('public.podcast_id_seq'::regclass);

--
-- TOC entry 3256 (class 2604 OID 17173)
-- Name: profile id; Type: DEFAULT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.profile ALTER COLUMN id SET DEFAULT
nextval('public.profile_id_seq'::regclass);

--
-- TOC entry 3275 (class 2604 OID 17343)
-- Name: song_category id; Type: DEFAULT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.song_category ALTER COLUMN id SET DEFAULT
nextval('public.song_category_id_seq'::regclass);

--
-- TOC entry 3491 (class 0 OID 17247)
-- Dependencies: 223
-- Data for Name: album; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.album (id, name, artist, created_at, song_amount) FROM stdin;
1    Adele Album 2    2022-12-25    4
2    Radiohead Album 3    2022-12-26    4
3    Sebnem Ferah Album 4    2022-12-26    4
4    Mor ve Otesi Album 5    2022-12-26    4

```

```
\.
```

```
--
```

```
-- TOC entry 3501 (class 0 OID 17351)
```

```
-- Dependencies: 233
```

```
-- Data for Name: album_song; Type: TABLE DATA; Schema: public; Owner: postgres
```

```
--
```

```
COPY public.album_song (album_id, song_id) FROM stdin;
```

```
3 12
```

```
3 11
```

```
3 10
```

```
3 9
```

```
2 8
```

```
2 7
```

```
2 6
```

```
2 5
```

```
1 4
```

```
1 1
```

```
4 16
```

```
4 15
```

```
4 14
```

```
4 13
```

```
1 3
```

```
1 2
```

```
\.
```

```
--
```

```
-- TOC entry 3484 (class 0 OID 17183)
```

```
-- Dependencies: 216
```

```
-- Data for Name: artist; Type: TABLE DATA; Schema: public; Owner: postgres
```

```
--
```

```
COPY public.artist (id, username, email, password, created_at, name) FROM stdin;
```

```
2 adele adele@gmail.com 1234 2022-12-25 Adele
```

```
3 radiohead radiohead@gmail.com 1234 2022-12-25 Radiohed
```

```
4 sebnemferah sebnemferah@gmail.com 1234 2022-12-26 Sebnem Ferah
```

```
5 morveotesi morveotesi@gmail.com 1234 2022-12-26 Mor ve Otesi
```

```
9 barisozcan barisozcan@gmail.com 1234 2022-12-26 Baris Ozcan
```

```
\.
```

```
--
```

```
-- TOC entry 3505 (class 0 OID 17412)
```

```
-- Dependencies: 237
```

```
-- Data for Name: artist_followers; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.artist_followers (artist_id, follower_id) FROM stdin;
4      8
3      7
2      1
\.

--
-- TOC entry 3493 (class 0 OID 17279)
-- Dependencies: 225
-- Data for Name: episode; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.episode (id, name, category) FROM stdin;
1      About Drama 3
2      About Life  1
3      About Science 2
4      About Comedy 4
\.

--
-- TOC entry 3495 (class 0 OID 17288)
-- Dependencies: 227
-- Data for Name: episode_category; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.episode_category (id, name) FROM stdin;
1      Life
2      Science
3      Drama
4      Comedy
\.

--
-- TOC entry 3506 (class 0 OID 17427)
-- Dependencies: 238
-- Data for Name: follows; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.follows (follower_id, followed_id) FROM stdin;
8      7
1      7
```

```

7      8
\.
```

--

```

-- TOC entry 3487 (class 0 OID 17218)
-- Dependencies: 219
-- Data for Name: library; Type: TABLE DATA; Schema: public; Owner: postgres
--
```

```

COPY public.library (id, listener_id, playlist_amount) FROM stdin;
1      1      3
2      7      2
3      8      1
\.
```

--

```

-- TOC entry 3504 (class 0 OID 17397)
-- Dependencies: 236
-- Data for Name: library_playlist; Type: TABLE DATA; Schema: public; Owner: postgres
--
```

```

COPY public.library_playlist (library_id, playlist_id) FROM stdin;
1      3
1      2
3      4
2      3
2      2
1      4
\.
```

--

```

-- TOC entry 3485 (class 0 OID 17205)
-- Dependencies: 217
-- Data for Name: listener; Type: TABLE DATA; Schema: public; Owner: postgres
--
```

```

COPY public.listener (id, username, email, password, created_at, name,
listened_song_amount) FROM stdin;
1      dinleyici      dinleyici@gmail.com 1234      2022-12-25      Dinleyici      0
7      dinleyici2      dinleyici2@gmail.com 1234      2022-12-26      Dinleyici2      0
8      dinleyici3      dinleyici3@gmail.com 1234      2022-12-26      Dinleyici3      0
\.
```

--


```

-- TOC entry 3503 (class 0 OID 17382)
-- Dependencies: 235
-- Data for Name: playlist; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.playlist (id, name, created_at, creator, song_amount) FROM stdin;
2    Dinleyici1 Calma Listesi    2022-12-25    1    6
4    Dinleyici2 Calma Listesi    2022-12-26    7    6
5    Dinleyici3 Calma Listesi    2022-12-26    8    7
3    Dinleyici2 1. Liste 2022-12-25    1    4
\.

--
-- TOC entry 3507 (class 0 OID 17458)
-- Dependencies: 239
-- Data for Name: playlist_song; Type: TABLE DATA; Schema: public; Owner:
postgres
--

COPY public.playlist_song (playlist_id, song_id) FROM stdin;
3    10
3    11
3    7
2    5
2    3
2    8
2    7
2    2
5    11
2    6
4    15
4    10
4    9
4    1
4    4
4    5
5    4
5    6
5    5
5    12
5    13
5    16
3    13
\.

--
-- TOC entry 3489 (class 0 OID 17231)

```

```

-- Dependencies: 221
-- Data for Name: podcast; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.podcast (id, name, artist, created_at, episode_amount) FROM stdin;
1  Cagatay's Podcast  2  2022-12-25  4
\.

--
-- TOC entry 3496 (class 0 OID 17296)
-- Dependencies: 228
-- Data for Name: podcast_episode; Type: TABLE DATA; Schema: public; Owner:
postgres
--

COPY public.podcast_episode (podcast_id, episode_id) FROM stdin;
1  4
1  3
1  2
1  1
\.

--
-- TOC entry 3483 (class 0 OID 17170)
-- Dependencies: 215
-- Data for Name: profile; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.profile (id, username, email, password, created_at) FROM stdin;
\.

--
-- TOC entry 3498 (class 0 OID 17312)
-- Dependencies: 230
-- Data for Name: song; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.song (id, name, category) FROM stdin;
1  Hometown Glory  1
2  Chasing Pavements  2
3  Million Years Ago  3
4  Rumour Has It  4
5  Jigsaw Falling Into Space  1
6  There, There  2
7  You And Whose Army?  3
8  Fade Out  4

```

```

9   Iyi Kotu      1
10  Eski          2
11  Istiklal Caddesi Kadar  3
12  Gozlerimin Etrafindaki Cizgiler 4
13  Son Deneme    1
14  Uyan          2
15  Gunesi Beklerken      3
16  Yagmur, Tesekkurler 4
\..

--
-- TOC entry 3500 (class 0 OID 17340)
-- Dependencies: 232
-- Data for Name: song_category; Type: TABLE DATA; Schema: public; Owner:
postgres
--

COPY public.song_category (id, name) FROM stdin;
1   Indie
2   Blues
3   Jazz
4   Rock
\..

--
-- TOC entry 3521 (class 0 OID 0)
-- Dependencies: 222
-- Name: album_id_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres
--

SELECT pg_catalog.setval('public.album_id_seq', 3, true);

--
-- TOC entry 3522 (class 0 OID 0)
-- Dependencies: 226
-- Name: episode_category_id_seq; Type: SEQUENCE SET; Schema: public; Owner:
postgres
--

SELECT pg_catalog.setval('public.episode_category_id_seq', 4, true);

--
-- TOC entry 3523 (class 0 OID 0)
-- Dependencies: 224
-- Name: episode_id_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

```

```
--
SELECT pg_catalog.setval('public.episode_id_seq', 4, true);

--
-- TOC entry 3524 (class 0 OID 0)
-- Dependencies: 218
-- Name: library_id_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres
--

SELECT pg_catalog.setval('public.library_id_seq', 4, true);

--
-- TOC entry 3525 (class 0 OID 0)
-- Dependencies: 234
-- Name: playlist_id_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres
--

SELECT pg_catalog.setval('public.playlist_id_seq', 5, true);

--
-- TOC entry 3526 (class 0 OID 0)
-- Dependencies: 220
-- Name: podcast_id_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres
--

SELECT pg_catalog.setval('public.podcast_id_seq', 1, true);

--
-- TOC entry 3527 (class 0 OID 0)
-- Dependencies: 214
-- Name: profile_id_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres
--

SELECT pg_catalog.setval('public.profile_id_seq', 9, true);

--
-- TOC entry 3528 (class 0 OID 0)
-- Dependencies: 231
-- Name: song_category_id_seq; Type: SEQUENCE SET; Schema: public; Owner:
postgres
--

SELECT pg_catalog.setval('public.song_category_id_seq', 4, true);
```

```
--
-- TOC entry 3529 (class 0 OID 0)
-- Dependencies: 229
-- Name: song_id_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres
--

SELECT pg_catalog.setval('public.song_id_seq', 16, true);

--
-- TOC entry 3296 (class 2606 OID 17256)
-- Name: album pk_album; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.album
    ADD CONSTRAINT pk_album PRIMARY KEY (id);

--
-- TOC entry 3308 (class 2606 OID 17355)
-- Name: album_song pk_album_song; Type: CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.album_song
    ADD CONSTRAINT pk_album_song PRIMARY KEY (album_id, song_id);

--
-- TOC entry 3284 (class 2606 OID 17188)
-- Name: artist pk_artist; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.artist
    ADD CONSTRAINT pk_artist PRIMARY KEY (id);

--
-- TOC entry 3314 (class 2606 OID 17416)
-- Name: artist_followers pk_artist_followers; Type: CONSTRAINT; Schema:
public; Owner: postgres
--

ALTER TABLE ONLY public.artist_followers
    ADD CONSTRAINT pk_artist_followers PRIMARY KEY (artist_id, follower_id);

--
```

```
-- TOC entry 3298 (class 2606 OID 17286)
-- Name: episode pk_episode; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.episode
    ADD CONSTRAINT pk_episode PRIMARY KEY (id);

--

-- TOC entry 3300 (class 2606 OID 17295)
-- Name: episode_category pk_episode_category; Type: CONSTRAINT; Schema:
public; Owner: postgres
--

ALTER TABLE ONLY public.episode_category
    ADD CONSTRAINT pk_episode_category PRIMARY KEY (id);

--

-- TOC entry 3316 (class 2606 OID 17431)
-- Name: follows pk_follows; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.follows
    ADD CONSTRAINT pk_follows PRIMARY KEY (follower_id, followed_id);

--

-- TOC entry 3290 (class 2606 OID 17224)
-- Name: library pk_library; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.library
    ADD CONSTRAINT pk_library PRIMARY KEY (id);

--

-- TOC entry 3312 (class 2606 OID 17401)
-- Name: library_playlist pk_library_playlist; Type: CONSTRAINT; Schema:
public; Owner: postgres
--

ALTER TABLE ONLY public.library_playlist
    ADD CONSTRAINT pk_library_playlist PRIMARY KEY (library_id, playlist_id);

--

-- TOC entry 3288 (class 2606 OID 17212)
```

```
-- Name: listener pk_listener; Type: CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.listener
    ADD CONSTRAINT pk_listener PRIMARY KEY (id);

--

-- TOC entry 3310 (class 2606 OID 17391)
-- Name: playlist pk_playlist; Type: CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.playlist
    ADD CONSTRAINT pk_playlist PRIMARY KEY (id);

--

-- TOC entry 3318 (class 2606 OID 17462)
-- Name: playlist_song pk_playlist_song; Type: CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.playlist_song
    ADD CONSTRAINT pk_playlist_song PRIMARY KEY (playlist_id, song_id);

--

-- TOC entry 3294 (class 2606 OID 17239)
-- Name: podcast pk_podcast; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.podcast
    ADD CONSTRAINT pk_podcast PRIMARY KEY (id);

--

-- TOC entry 3302 (class 2606 OID 17300)
-- Name: podcast_episode pk_podcast_episode; Type: CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.podcast_episode
    ADD CONSTRAINT pk_podcast_episode PRIMARY KEY (podcast_id, episode_id);

--

-- TOC entry 3280 (class 2606 OID 17175)
```

```
-- Name: profile pk_profile; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.profile
    ADD CONSTRAINT pk_profile PRIMARY KEY (id);

--

-- TOC entry 3304 (class 2606 OID 17317)
-- Name: song pk_song; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.song
    ADD CONSTRAINT pk_song PRIMARY KEY (id);

--

-- TOC entry 3306 (class 2606 OID 17345)
-- Name: song_category pk_song_category; Type: CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.song_category
    ADD CONSTRAINT pk_song_category PRIMARY KEY (id);

--

-- TOC entry 3286 (class 2606 OID 17214)
-- Name: artist uk_artist_name; Type: CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.artist
    ADD CONSTRAINT uk_artist_name UNIQUE (name);

--

-- TOC entry 3292 (class 2606 OID 17479)
-- Name: library uk_library; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.library
    ADD CONSTRAINT uk_library UNIQUE (listener_id);

--

-- TOC entry 3282 (class 2606 OID 17177)
-- Name: profile uk_profile_username; Type: CONSTRAINT; Schema: public; Owner:
postgres
```



```
--  
  
ALTER TABLE ONLY public.profile  
    ADD CONSTRAINT uk_profile_username UNIQUE (username);  
  
--  
-- TOC entry 3336 (class 2620 OID 17494)  
-- Name: listener add_library; Type: TRIGGER; Schema: public; Owner: postgres  
--  
  
CREATE TRIGGER add_library AFTER INSERT ON public.listener FOR EACH ROW  
EXECUTE FUNCTION public.add_library_func();  
  
--  
-- TOC entry 3338 (class 2620 OID 17522)  
-- Name: playlist_song decrease_song_amount; Type: TRIGGER; Schema: public;  
Owner: postgres  
--  
  
CREATE TRIGGER decrease_song_amount AFTER DELETE ON public.playlist_song FOR  
EACH ROW EXECUTE FUNCTION public.decrease_song_amount_func();  
  
--  
-- TOC entry 3337 (class 2620 OID 17524)  
-- Name: library_playlist increase_playlist_amount; Type: TRIGGER; Schema:  
public; Owner: postgres  
--  
  
CREATE TRIGGER increase_playlist_amount AFTER INSERT ON  
public.library_playlist FOR EACH ROW EXECUTE FUNCTION  
public.increase_playlist_amount_func();  
  
--  
-- TOC entry 3339 (class 2620 OID 17520)  
-- Name: playlist_song increase_song_amount; Type: TRIGGER; Schema: public;  
Owner: postgres  
--  
  
CREATE TRIGGER increase_song_amount AFTER INSERT ON public.playlist_song FOR  
EACH ROW EXECUTE FUNCTION public.increase_song_amount_func();  
  
--  
-- TOC entry 3321 (class 2606 OID 17257)
```

```
-- Name: album fk_album_artist; Type: FK CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.album
    ADD CONSTRAINT fk_album_artist FOREIGN KEY (artist) REFERENCES
public.artist(id) ON UPDATE CASCADE ON DELETE CASCADE NOT VALID;

--

-- TOC entry 3325 (class 2606 OID 17356)
-- Name: album_song fk_album_song_album; Type: FK CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.album_song
    ADD CONSTRAINT fk_album_song_album FOREIGN KEY (album_id) REFERENCES
public.album(id) ON UPDATE CASCADE ON DELETE CASCADE;

--

-- TOC entry 3326 (class 2606 OID 17361)
-- Name: album_song fk_album_song_song; Type: FK CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.album_song
    ADD CONSTRAINT fk_album_song_song FOREIGN KEY (song_id) REFERENCES
public.song(id) ON UPDATE CASCADE ON DELETE CASCADE;

--

-- TOC entry 3330 (class 2606 OID 17417)
-- Name: artist_followers fk_artist_followers_artist; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.artist_followers
    ADD CONSTRAINT fk_artist_followers_artist FOREIGN KEY (artist_id)
REFERENCES public.artist(id) ON UPDATE CASCADE ON DELETE CASCADE;

--

-- TOC entry 3331 (class 2606 OID 17422)
-- Name: artist_followers fk_artist_followers_follower; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.artist_followers
```

```
    ADD CONSTRAINT fk_artist_followers_follower FOREIGN KEY (follower_id)
REFERENCES public.listener(id) ON UPDATE CASCADE ON DELETE CASCADE;

--
-- TOC entry 3319 (class 2606 OID 17485)
-- Name: library fk_library_listener_id; Type: FK CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.library
    ADD CONSTRAINT fk_library_listener_id FOREIGN KEY (listener_id) REFERENCES
public.listener(id) ON UPDATE CASCADE ON DELETE CASCADE NOT VALID;

--
-- TOC entry 3328 (class 2606 OID 17497)
-- Name: library_playlist fk_library_playlist_library; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.library_playlist
    ADD CONSTRAINT fk_library_playlist_library FOREIGN KEY (library_id)
REFERENCES public.library(id) ON UPDATE CASCADE ON DELETE CASCADE NOT VALID;

--
-- TOC entry 3329 (class 2606 OID 17453)
-- Name: library_playlist fk_library_playlist_playlist; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.library_playlist
    ADD CONSTRAINT fk_library_playlist_playlist FOREIGN KEY (playlist_id)
REFERENCES public.playlist(id) NOT VALID;

--
-- TOC entry 3327 (class 2606 OID 17392)
-- Name: playlist fk_playlist; Type: FK CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.playlist
    ADD CONSTRAINT fk_playlist FOREIGN KEY (creator) REFERENCES
public.listener(id) ON UPDATE CASCADE ON DELETE CASCADE;

--
```

```
-- TOC entry 3334 (class 2606 OID 17504)
-- Name: playlist_song fk_playlist_song_playlist_id; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.playlist_song
    ADD CONSTRAINT fk_playlist_song_playlist_id FOREIGN KEY (playlist_id)
REFERENCES public.playlist(id) ON UPDATE CASCADE ON DELETE CASCADE NOT VALID;

--

-- TOC entry 3335 (class 2606 OID 17509)
-- Name: playlist_song fk_playlist_song_song_id; Type: FK CONSTRAINT; Schema:
public; Owner: postgres
--

ALTER TABLE ONLY public.playlist_song
    ADD CONSTRAINT fk_playlist_song_song_id FOREIGN KEY (song_id) REFERENCES
public.song(id) ON UPDATE CASCADE ON DELETE CASCADE NOT VALID;

--

-- TOC entry 3320 (class 2606 OID 17240)
-- Name: podcast fk_podcast_artist; Type: FK CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.podcast
    ADD CONSTRAINT fk_podcast_artist FOREIGN KEY (artist) REFERENCES
public.artist(id) ON UPDATE CASCADE ON DELETE CASCADE;

--

-- TOC entry 3322 (class 2606 OID 17306)
-- Name: podcast_episode fk_podcast_episode_episode; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.podcast_episode
    ADD CONSTRAINT fk_podcast_episode_episode FOREIGN KEY (episode_id)
REFERENCES public.episode(id) ON UPDATE CASCADE ON DELETE CASCADE;

--

-- TOC entry 3323 (class 2606 OID 17301)
-- Name: podcast_episode fk_podcast_episode_podcast; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
--
```

```
ALTER TABLE ONLY public.podcast_episode
    ADD CONSTRAINT fk_podcast_episode_podcast FOREIGN KEY (podcast_id)
REFERENCES public.podcast(id) ON UPDATE CASCADE ON DELETE CASCADE;

--
-- TOC entry 3324 (class 2606 OID 17346)
-- Name: song fk_song_category; Type: FK CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.song
    ADD CONSTRAINT fk_song_category FOREIGN KEY (category) REFERENCES
public.song_category(id) ON UPDATE CASCADE ON DELETE CASCADE NOT VALID;

--
-- TOC entry 3332 (class 2606 OID 17437)
-- Name: follows pk_follows_followed; Type: FK CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.follows
    ADD CONSTRAINT pk_follows_followed FOREIGN KEY (followed_id) REFERENCES
public.listener(id) ON UPDATE CASCADE ON DELETE CASCADE;

--
-- TOC entry 3333 (class 2606 OID 17432)
-- Name: follows pk_follows_follower; Type: FK CONSTRAINT; Schema: public;
Owner: postgres
--

ALTER TABLE ONLY public.follows
    ADD CONSTRAINT pk_follows_follower FOREIGN KEY (follower_id) REFERENCES
public.listener(id) ON UPDATE CASCADE ON DELETE CASCADE;

-- Completed on 2022-12-26 16:55:42

--
-- PostgreSQL database dump complete
--
```

playlistid	playlistadi	sarki	sarkiadi
2	Dinleyici1 Calma Li...	2	Chasing Pavements
2	Dinleyici1 Calma Li...	3	Million Years Ago
2	Dinleyici1 Calma Li...	5	Jigsaw Falling Into ...
2	Dinleyici1 Calma Li...	6	There, There
2	Dinleyici1 Calma Li...	7	You And Whose Ar...
2	Dinleyici1 Calma Li...	8	Fade Out
3	Dinleyici2 1. Liste	7	You And Whose Ar...
3	Dinleyici2 1. Liste	10	
3	Dinleyici2 1. Liste	11	
3	Dinleyici2 1. Liste	13	
4	Dinleyici2 Calma Li...	1	
4	Dinleyici2 Calma Li...	4	
4	Dinleyici2 Calma Li...	5	
4	Dinleyici2 Calma Li...	9	lyi Kotu
4	Dinleyici2 Calma Li...	10	Eski
4	Dinleyici2 Calma Li...	15	Gunesi Beklerken
5	Dinleyici3 Calma Li...	4	Rumour Has It
5	Dinleyici3 Calma Li...	5	Jigsaw Falling Into ...
5	Dinleyici3 Calma Li...	6	There, There

Calma Listesi ID: 2 Ekle/Sil/Guncelle

Sarki ID: 1 Ekle/Sil

Sarki Ismi: Ara

Calma Listesi Adi: Guncelle

Ara

Ekle

Sil

Guncelle

Sarki Listesi

Calma Listeleri

Sarki Calma Listesine Eklendi!

Tamam

playlistid	playlistadi	sarki	sarkiadi
2	Dinleyici1 Calma Li...	1	Hometown Glory
2	Dinleyici1 Calma Li...	2	Chasing Pavements
2	Dinleyici1 Calma Li...	3	Million Years Ago
2	Dinleyici1 Calma Li...	5	Jigsaw Falling Into ...
2	Dinleyici1 Calma Li...	6	There, There
2	Dinleyici1 Calma Li...	7	You And Whose Ar...
2	Dinleyici1 Calma Li...	8	Fade Out
3	Dinleyici2 1. Liste	7	
3	Dinleyici2 1. Liste	10	
3	Dinleyici2 1. Liste	11	
3	Dinleyici2 1. Liste	13	
4	Dinleyici2 Calma Li...	1	
4	Dinleyici2 Calma Li...	4	
4	Dinleyici2 Calma Li...	5	Jigsaw Falling Into ...
4	Dinleyici2 Calma Li...	9	lyi Kotu
4	Dinleyici2 Calma Li...	10	Eski
4	Dinleyici2 Calma Li...	15	Gunesi Beklerken
5	Dinleyici3 Calma Li...	4	Rumour Has It
5	Dinleyici3 Calma Li...	5	Jigsaw Falling Into ...

Calma Listesi ID: 2 Ekle/Sil/Guncelle

Sarki ID: 1 Ekle/Sil

Sarki Ismi: Ara

Calma Listesi Adi: Guncelle

Ara

Ekle

Sil

Guncelle

Sarki Listesi

Calma Listeleri

Sarki Calma Listesinden Cikarildi!

Tamam

playlistid	playlistadi	sarki	sarkiadi
2	Dinleyici1 Calma Li...	2	Chasing Pavements
2	Dinleyici1 Calma Li...	3	Million Years Ago
2	Dinleyici1 Calma Li...	5	Jigsaw Falling Into ...
2	Dinleyici1 Calma Li...	6	There, There
2	Dinleyici1 Calma Li...	7	You And Whose Ar...
2	Dinleyici1 Calma Li...	8	Fade Out
3	Dinleyici2 1. Liste	7	You And Whose Ar...
3	Dinleyici2 1. Liste	10	
3	Dinleyici2 1. Liste	11	
3	Dinleyici2 1. Liste	13	
4	Dinleyici2 Calma Li...	1	
4	Dinleyici2 Calma Li...	4	
4	Dinleyici2 Calma Li...	5	
4	Dinleyici2 Calma Li...	9	lyi Kotu
4	Dinleyici2 Calma Li...	10	Eski
4	Dinleyici2 Calma Li...	15	Gunesi Beklerken
5	Dinleyici3 Calma Li...	4	Rumour Has It
5	Dinleyici3 Calma Li...	5	Jigsaw Falling Into ...
5	Dinleyici3 Calma Li...	6	There, There

Calma Listesi ID: 3 Ekle/Sil/Guncelle

Sarki ID: Ekle/Sil

Sarki Ismi: Ara

Calma Listesi Adi: Calma Listesi Guncelle

Ara

Ekle

Sil

Guncelle

Sarki Listesi

Calma Listeleri

Calma Listesi Adi Guncellendi!

Tamam

Kaynak kod/Uygulama:

<https://drive.google.com/file/d/1FTbuDgsgggqGyfC7TCegV1wPkjeKn6W/view?usp=sharing>

Umut Can ÇAĞATAY

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