Tracks

+trackID:int
+name:string
+genre:string
+date:string
+duration:int
+popularity:int
+preview:string
+explicit:bool
+artistID:int
+albumID:int
spotify_uri:string

+add_track(track_data)
+get_tracks(...)
+update_track(track_data)

'...' in
methods represents
filter parameters
ex. albumID.
artistID.
etc.

Artists

+artistID:int
+name:string
+picture:string
+country:string
+decade:string
+genres:list

+add_artist(artist_data)
+get_artists(...)
+update_artist(artist_data)

Concerts Album
Artist Association
Table

+CAID:int
+concertID:int
+AAID:int

Concerts

+concertID:int
+name:string
+eventLink:string
+dateTime:string
+artist_album_pairs:object
+venueID:int

+add_concert(concert_data)
+get_concerts(...)
+update_concert(concert_data)

Album Artist
Association
Table

+albumArtistID:int
+albumID:int
+artistID:int

Venues

+venueID:int
+name:string
+city:string
+region:string
+country:string
+latitude:double
+longitude:double

+add_venue(venue_data)
+get_venues(...)
+update_venue(venue_data)

Albums

+albumID:int
+name:string
+genre:string
+date:string
+albumCover:string
+label:string
+numOfSongs:int
spotify_uri:string

+add_album(album_data)
+get_albums(...)
+update_album(album_data)

Relationship multiplicities: Tracks * — 1 Artists; Tracks * — 1 Albums; Artists 1 — * Album Artist Association Table; Album Artist Association Table * — 1 Albums; Concerts Album Artist Association Table * — 1 Concerts; Concerts Album Artist Association Table * — 1 Album Artist Association Table; Concerts * — 1 Venues.