## Reduction to Tables

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**ARTIST**(<u>artistName</u>)

ALBUM(<u>albumID</u>, albumName, albumReleaseDate)

**GENRE**(genreID, genreName)

**ALBUMGNR**(genreID, <u>albumID</u>)

 $CREATE(\underline{artistName}, \underline{albumID})$ 

**SONG**(songID, length, title, songReleaseDate)

**SONGGNR**(genreID, songID)

**COMPOSE**(<u>artistName</u>, songID)

**COMPOSEDOF**(<u>albumID</u>, songID, albumSongIndex)

**PLAYLIST**(playlistID, playlistName, runtime)

**CONTAINS**(playlistID, songID, playlistSongIndex)

 $\mathbf{USER}(\underline{\mathrm{email}}, \mathrm{username}, \mathrm{password}, \mathrm{creationDate}, \mathrm{lastAccessDate}, \mathrm{firstName}, \mathrm{lastName}, \mathrm{userNumFollowers})$ 

 $MAKE(\underline{email}, playlistID)$ 

 ${\bf FOLLOWSUSER} (followerEmail, \ followeeEmail)$ 

**PLAYS**(<u>email</u>, songID, datePlayed)