

## Question 2 Schema

### Assumptions:

- A track is the act of composing a song into an audio recording
- Playlist\_Tracks interact with audio recordings so that only audio recordings can be placed on a playlist
- Playlists only exist if there exists a user that creates a playlist
- Recordings are the number of times a song was recorded

Song		
<u>Sid</u>	Title	Authors

Tracks		
<u>Id</u>	<u>Sid</u>	Track_Number

Audio Recording					
<u>Id</u>	Title	Artist	Producer	Year	Recordings

Playlist_Tracks		
<u>Id</u>	<u>Playlist_Name</u>	<u>User_id</u>

Playlist	
<u>User_id</u>	<u>Playlist_Name</u>

User		
<u>User_id</u>	<u>Playlist_Name</u>	Name

### Foreign keys:

Table attribute -> table attribute

User Playlist\_Name -> Playlist Playlist\_Name

Playlist User\_id -> User User\_id

Playlist\_Tracks Playlist\_Name -> Playlist Playlist\_Name

Playlist\_Tracks User\_id -> User User\_id

Playlist\_Tracks Id -> Recordings Id

Tracks Id -> Audio Recording Id

Tracks Sid -> Song Sid