ER MODEL RELATIONS

→ Users can make accounts and can create playlist.

→ User can determine his playlist song.

→ Users can determine the songs of any particular artist .

→ Users can search any song on the basis of lyrics.

→ User - Admin/Artist/Listener/Premium.

1. Noun (& Verb) Analysis.

i.

Nouns :

1) User : Each user can have its unique login credentials, preferences and access levels.

2) Listener User: a) Can listen to songs
                   b) Can create playlist
                   c)

3) CreatorUser : a) Can create and upload song

4) Admin User:

5) Artist:

6) Playlist :

7) Album:

8) Music:

9) Genre:

10) Database:

11) Mood:

12) Privacy:

Verbs :

1) Login

2) Search

3) Filter

4) Create

5) Edit

6) Remove

7) Add

8) Recommendation

9) Rating

10) Review

11) Management

12) Share

Music	Database	Song	Artist	Playlist
User	Genre	Admin	Creator	Listener
Album	Mood	Privacy	Security	Protection
Login	Search	Filter	Create	Edit
Add	Remove	Recommendation	Rating	Review
Management	Share	Download	Duration	
Flexibility	Convenience	Lyrics	Play	History

ii.

1. Download - Irrelevant
2. Play - Irrelevant
3. History - Irrelevant
4. Add - Duplicate of Edit
5. Remove - Duplicate of Edit
6. User - General
7. Create - Association
8. Protection, Security - Duplicate

ENTITY SETS :

1. User
2. Playlist
3. Recommendations
4. Song
5. Movie
6. Composer
7. Singer
8. Creator

ATTRIBUTES :

1. User :   – Username
             – User_Id
             – Email
-            – Password
-            – User Type

2. PlayList :   – PlayList ID
                – Playlist name
                – User-ID

3. Recommendation : – Recommendation ID
                     – SongID

4. Singer : – Singer Id
             – Singer name

5. Composer : – Composer Id
               – Composer names

6. Movie : – Movie Id
            – Movie Name

7. Song_on_platform: – SPID
                        – Platform ID
                        – Song ID
                        – Platform Song link