The program will be able to read the data from tags in .mp3 files and store them in a database. The Program will provide a user interface that will allow users to query and edit their library as well as play music. The program will also create playlists under the criteria of factors such as user\_rating, number\_of\_plays, genre and bpm.

**Tables:**

Artist(ArtistID, ArtistName, ArtistRating)

Album(AlbumID **(PK)**, AlbumName, ArtistID **(FK)**, Year, AlbumRating, Genre, RecordingLabel/Producer, AlbumLength)

Song(SongID **(PK)**, SongName, AlbumID **(FK)**, ArtistID **(FK)**, TrackNumber, Year, SongRating, Genre, RecordingLabel/Producer, SongLength)

Playlists(PlaylistID **(PK)**, PlaylistName, PlayLength)