# Sample Queries – Case Study

1. If we wanted to track a User’s likes (or rather taste in music) in the music app then the following SQL query can be used:

Ans:

SELECT Track. [TrackName], Track. [AlbumName], Track. [Rating], User\_Interest.UserID, User\_Interest. [Like]

FROM Track INNER JOIN User\_Interest ON Track.TrackID = User\_Interest.TrackID;

This query will generate a list of all the Songs,, Album Name, Rating, User who assigned the rating and whether he liked it or not.

1. If we wanted to track the Status of the user account on the music application then the following SQL code can be used:

Ans:

SELECT Payment\_Info. [TransactionID], Payment\_Info. [PaymentAmount], Payment\_Info. [PremiumStatus]

FROM Payment\_Info, User\_Profile;

This Query will list the status of the user, what was the amount that he paid and the appropriate transaction ID. This can be used to code whether the Ads appear while he’s browsing the app. If the status reflects as “*Premium*” then we the user explores the app ad free. We could have such technicalities programmed into a user profile.

1. If we wanted to find which user stored which tracks into a playlist, then the following SQL query can be used:

Ans:

SELECT Artists.ArtistName, Playlist.TrackID, Playlist.PlayListName, Playlist.UserID

FROM Playlist INNER JOIN Artists ON Playlist.TrackID = Artists.TrackID;

This query will fetch us results of all the tracks that were saved by the users into a single playlist.