Passion Project

Andrea Villegas Mayorga

Explanation My Vibes Playlist System

* A user logins in into My Vibes system and wishes to add an artist to their artists list.
* They input the required fields and put a picture and now they have added a new artist.
* The user now wishes to add songs in which this new artist appears.
* The user creates a song and adds the artist to it. However this is a collaboration song so the user also adds another artist into the song.
* When adding another song he/she repeats this process.
* Since, an artist can have many songs and a song can be associated with many artists, this is a many to many relationship.
* In order to handle the many to many relationship we need a bridging table that references a song and an artist combination.
* Now the user wants to add these two songs to a playlist. He or she can add as many songs to as many playlists as he/she wishes.
* Since a playlist can have many songs, and many playlist can have the same song, this is also a many to many relationship.
* Another bridging table is created which references the combination of a playlist and a song.