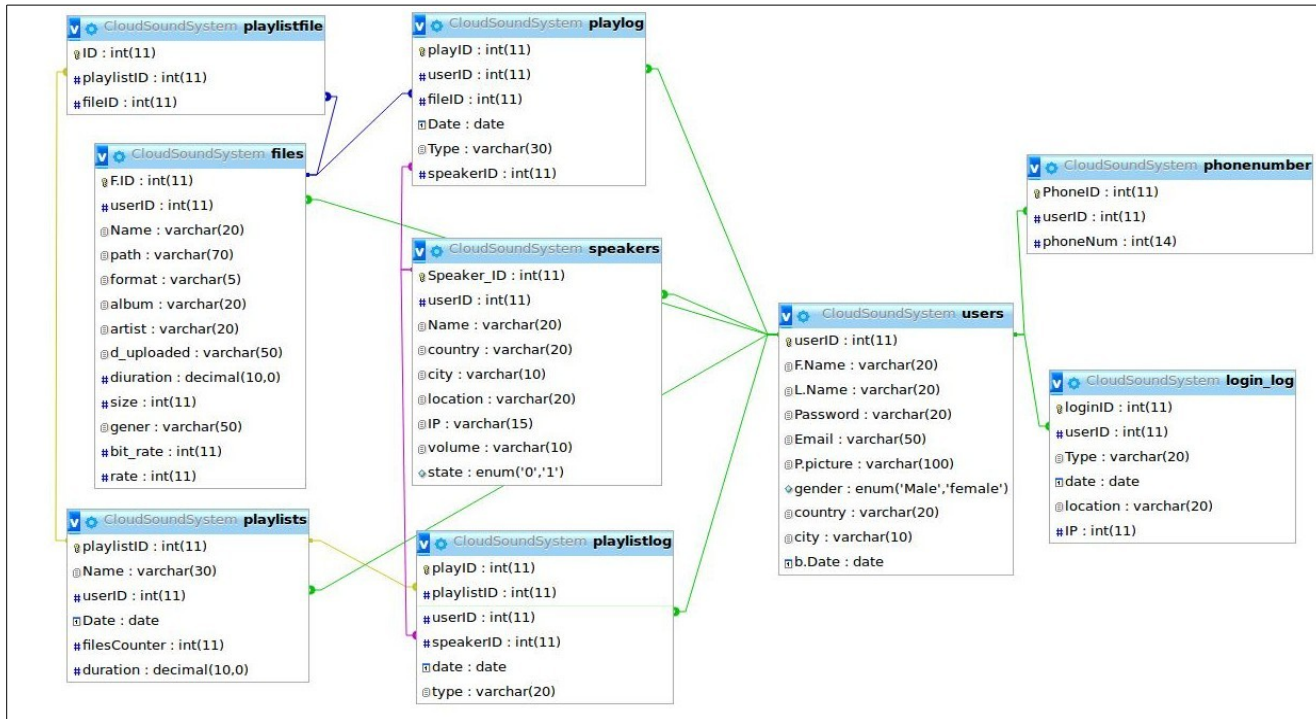


Cloud Sound System

The Database

ERD :



Files :

Store the data about the files uploaded to the server.

Fid : file id

userId : user id of the owner of the file

name : the name of the file specified by the user.

Path : the path of the file on the server.

Format : The file format mp3,...etc.

Album : the album this file belongs to.

Artist : The artist of the file.

dUploaded : The date the file were uploaded.

diuration : The duration of the audio file.

Size : the size of the audio file.

Gener : The type of the song.

bitRare :

Rate : The rate of the song given by the user.

Login_log:

This table stores the log of the users, and how much times they have logged into the system and the data of each login, like the date, ... etc.

loginId : The id of this login instance.

userId : the user id who logged in.

BrowserType : the browser he used to log in.

Date : the date and time the user logged in.

Location : the location from where he has logged in.

IP : the ip address of computer where he has logged in.

phone number

This table stores the phone number for each user.

phoneId:the phone id of user

userId:the id of user

PhoneNum: the phone number of user

playList File

This tables stores which files are in each playlist.

ID:the id

palylistID: the id of playlist

fileID:the file id of playlist

playlistlog

This table is the log of playing a playlist, so it stores how many time a playlist is played and who played it.

Playid:the id

Playlistid: the id of platlist.

userId: the user id for playlist

speakerid:the speaker of playlist which use it

date:the date of playing

type:the type of playlist

playlist

This table stores the basic data about the playlist, and who is the owner of the playlist

playlistId:the playlistid

Name:the name of playlist

userId:the user id who use playlist

date: the date of playing list

filesCounter:how many files in this playlist

duration:the total duration of this playlist

playlog

This is the log file for the files, it stores how much the file has been played, and who played it.

Playid:the Id of table

Userid:the id of user who play this file

Fileid: the file id

Date:the date of playlog

Type:the type of playlog

Speakerid: the speaker id which played on

speakers:

This table store the speakers' basic data for each speaker on the system, location, ip, ... etc. .

Speakersid:the id of each speaker

Userid:the id of each user

Name:the name of speaker

Country:the country where speakers in

City: the city where speakers in

Location:the location of the speakers

Ip:the ip address of speaker

Volume:the volume for each speaker

State:the state of each speaker (on/off)

users:

Information about users is the system and the basic info about each one of them.

Userid: the id of user

Fname:the first name of user

Lname:the last name of user

Password:the password of user

email :the email of user

ppicture: the profile picture of user

gender: male /female

country:the country of user.

city : the city of user.

Bdate: the birth date of user