The VoDB Search Engine is build upon the Python programming language with popular packages such as Speech Recognition NLP,Regular Expression,Time,MySql Connector etc.

Flow of the program:-

As we all know whenever we want to connect to any Database server we need things like your user name ,password, host and name of the database to which you want to connect to and after successfully connected to your desired database you can perform your operations, in the same way our program runs.

The steps are following:

1) first it will ask for what I can do for you

2) then it will connect to MySql server

3)and will prompt all the databases those are present in MySql server

4)you will wish to which database to connect from the list that shown in step- 3

5)after connecting to your desired database it will show the all available/present tables in the that database.

6)then you will perform the operations on your wished table like fetch/insert/update/delete/

--> Here, I used python library speech\_recognition for voice input. This library is created with support of some APIs and engines

-Google Speech Recognition

-pyAudio (From input from microphone)

-Flac Encoder(Encode audio data to api)

-CMU Sphinx(works offline)

--->nltk for tokenizing and comparison of the voice input

--->re for regular expressions

--->mysql.connector for connectivity with MySql Database

--->os for performing file operations

--->json for display the result in json format