Chapter 2: Literature Review

2.1 introduction(محمد ال عبدالهادي)

In this chapter, the steps taken by the researcher in studying and selecting research samples and the principles he followed in applying the research in its practical framework are reviewed. And previous studies that are related to the research topic, which number four research

2.2 application(محمد ال عبدالهادي)

In this section, we will talk about the applications that apply the idea of our applications, and we will explain each application and its features

2.2.1 Soundhound(محمد ال عبدالهادي)

SoundHound: has applied audio processing and machine learning on millions of songs to extract features that are characteristic of each song.

The users of the application : are all those who are looking for the speaker in a particular music.
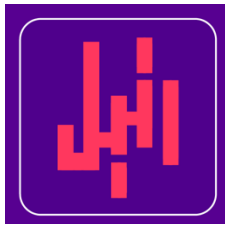
Features of the SoundHound App

- Immediately identifies the song.
- Extract words from audio (LiveLyrics).
- Getting to know the Quran reciter but not well

Disadvantages of the SoundHound app

- Doesn't always play the correct song
- Has a slight learning curve.
- does not recognize the sound in Arabic well

The application works with natural language understanding technology.

2.2.4 Rateel (محمد ال عبدالهادي)

Rateel : Application to identify the reader of the Qur'an.

The users of the application : Everyone who wanted to search for the voice of the reciter of the Qur'an.

Features of the Rateel App

- Get to know the reciter of the Qur'an

Disadvantages of the Rateel app

- • Does not recognize the reader in the short voice

- It takes a long time to get to know the reader

- Has a slight learning curve.