Chapter 2: Literature Review

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

2.1 introduction(محمد ال عبدالهادي)

in section 2.2 will talk about the application are similar to our application, and also in section 2.3 will talk about algorithm are used in Identification who speakers and also in section 2.4 will talk about what tools are used in Features extraction and also in section 2.5 will talk determine the proposal system are solve the problem and also in section 2.6 will be compared between similar to our application, in finally the chapter will write conclusion.

2.2 application(محمد ال عبدالهادي)

In this section, we will talk about the applications that are similar to our applications, and we will explore 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,this is used to identify who speakers,the application works with natural language understanding technology.

Features of the SoundHound App

- Immediately identifies the song.
- Extract words from audio.
- 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

2.2.4 Rateel (محمد ال عبدالهادي)

Rateel : Application to identify the reader of the Qur'an,use the Application who want 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.

1.3 Project plan(محمد)

#	Task Name	Start	End
1	Chapter1 : introduction	18/03/2022	25/03/2022
2	Chapter 2: Literature Review	28/01/2022	17/03/2022
3	Chapter 3: requirements	25/03/2022	01/04/2022
4	Chapter 4: System design	01/04/2022	15/04/2022
5	Chapter 5: Conclusion	15/04/2022	29/04/2022

Timeline: January 2022 – April 2022 (17, 24 Jan '22, 31 Jan '22, 7 Feb '22, 14 Feb '22, 21 Feb '22, 28 Feb '22, 7 Mar '22, 14 Mar '22, 21 Mar '22, 28 Mar '22, 4 Apr '22, 11 Apr '22, 18 Apr '22, 25 Apr '22)