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تم إنشاء الوصف تلقائياً

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كلية العلوم والدراسات الإنسانية – الافلاج

قسم علوم الحاسب

Kingdom of Saudi Arabia

Ministry of Education

Prince Sattam bin Abdulaziz University

College of Science and Humanities - Al- Aflaj

Department of computer science

**Arabic Spoken Language Identification System**

**Submitted by:**

Mohammed Ibrahim Alabdulhadi 441850756

Ibrahim Abdulmajeed Alsaif 439050466

Zeyad Sulalman Alhoti. 438850187

**Supervised by:**

Dr.Mohammed Alatiyyah

Department of Computer Science

College of Sciences and Humanities

Prince Sattam bin Abdulaziz University

AlAflaj – Saudi Arabia

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**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)**

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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

* 1-Immediately identifies the song.
* 2-Supports hands-free use.
* 3-Offline assistance.
* 4-Built-in virtual assistant.
* 5-Integration with Spotify and Pandora.
* 6-LiveLyrics feature for finding out the lyrics.

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

* The application helps you identify the reciter of the Holy Qur’an and determine the surah from any audio or video you have.
* The application enables you to browse and download recitations of more than 650 elite reciters through more than 400 thousand audio files, which equals to more than 18 thousand playback hours.
* After downloading the Surah, you can listen to it without using the internet.
* The application includes prayer times and time left for the prayer in your location or the city you choose.
* You can read the entire Qur’an and make bookmarks that you can return to it later.
* The application makes it easy for you to make a schedule to conclude the reading of the Holy Quran by specifying the times of reading and the appropriate duration for the conclusion.
* Reminder to read morning and evening remembrances ” Azkar” and Surat Al-Kahf on Friday, and fasting on voluntary days “Sonan”.
* The application provides you with a compass that enables you to determine the direction of the Qiblah.
* The application enables you to view the interpretation of all verses of the Holy Quran by selecting the required verse.

**2.3 algorithms**

**2.4 Features extraction**

**2.5 proposal system**

**2.6 comparison of the research**

**2.7 conclusion**