**Text To Speech Broadcast System Based On Android**

Student： Jian Min，The College of Computer Science

Supervisor：Xiang Hua，The College of Computer Science

[Abstract]:Currently the rapid development of the Internet, our needs are undergoing tremendous change, traditional computer can do things no longer meet everyone, and hope that computers can, like humans can speak, for the Internet to people living consumption development needs, choose to use Android superior technology to Eclipse as a development tool designed to develop Android-based text-to-speech broadcast system. This is the text into a voice reading software, it is suitable for shopping malls, shops, voice advertising, learning, listening novels need to convert text into voice and play out of any place. The system uses Java language, using Andrews in four components include Activity, Service, Broadcast Receiver, Content Provider to implement basic logic functions and jump to the embedded SQLite database to save the data. The system includes functional modules are: text files, audio files, background music and edit documents, you can also change the synthesized speech reading people, volume, speed, background music, the design for like reading a novel but it is inconvenient to use the eye staring at the device and like articles only text file does not have an audio file of the crowd, using the Android platform. People machine interface and mode of operation tends to simplify, fool, to meet the different needs of different users in different situations, the complete liberation of the user's eyes and fingers. Allowing users to anytime, anywhere via cell phone text file into an audio file and play it.

[Keywords]: Android. Mobile phones; Text; voice