Abstract

Mobile phone usage in World is spreading rapidly and has gone through great changes due to new developments and innovations in mobile phone technology. This project based on evaluating voice versus keypad as a means for entry and editing of texts. In other words, messages can be voice/speech typed. The project will make use of a dictating-machine prototype for the English language, which recognizes in real time natural-language sentences built from a 2000 word vocabulary. A speech to text converter is developed to send SMS. It is found that large-vocabulary speech recognition can offer a very competitive alternative to traditional text entry.
References


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Index Terms

Computer Science

Engineering and Technology

Keywords

Short Message Service (SMS); speech acquisition; Hidden Markov Model (HMM); HMM-based recognition.