Abstract

‘Helen Keller’ once said that "Someone having sight without any vision is worse than being blind". In the last two decades the world have seen unprecedented amounts of growth in the world of computers, but for the visually impaired people the world still remains dark and stunted. Ever since the early days of computers till now very few initiatives have been taken to escalate the no of blinds using these technologies. To amend the current scenario the well-versed technique of Audio feedback or IVR (previously applied in virtual environments like text readers) is being used excessively in the project helping the visually impaired people to be a part of the current revolution. The project aims at helping these people to feel connected by using email system through speech recognition in English language. The use of keyboard is eradicated. The system can be used by anyone including amateur users who are unable to read, write but only understand the English language.

References
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Index Terms

Computer Science Information Systems

Keywords

Speech-To-Text Converter, Text-To-Speech Converter, Interactive Voice Response (IVR), Speech recognition.