Voice Controlled Cellular Communication (V3C) System for Special Citizens

Number 3 - Article 1

Year of Publication: 2011

Authors:

Kashif Zafar
Abdul Rauf Baig
Ayesha Khan

10.5120/3008-4058

Abstract

In this paper, we describe the formatting guidelines for IJCA Journal Submission. This paper presents a system for communication and control by disabled people based on automatic recognition of phonemes. This system allows users to navigate around an alphabet board by making phonemic utterances, thus enabling the user to spell out messages. Phoneme
Voice Controlled Cellular Communication (V3C) System for Special Citizens

recognition provides an alternative to speech recognition technologies for people who have lost the ability to speak but remain capable of producing simple repeatable utterances. Voice Controlled Cellular Communication (V3C) aims at developing a voice-controlled tool for operating computer targeting physically handicapped and blind users having difficulties using a standard keyboard and mouse. It presents an interface that allows a user to activate any web page element through visual enumeration (Indexing) by an appropriate command.

Reference


Index Terms

Computer Science

Communications
**Key words**

| Communication | cellular | speech recognition |