Abstract

Many computing devices play a very essential role in daily life but one has to take care of its functionality and its safety at the same time. As these devices are visible, there occurs a need for technology which is kind of invisible but works automatically and intelligently. In the 21st century, the technology will be transformed into everyday small objects and it will be invisible as well. This is the vision of pervasive computing also termed as ubiquitous computing. This paper presents the motivation and design of a device named 'Chatter Colophon' which is one way interactive under the domain of ubiquitous computing. Text-to-speech conversion technology plays a vital role in the design of this device. Chatter Colophon provides functionalities like physical world connectivity (using Radio Frequency Identification i.e. RFID), Reminder Systems. Desirable customization for this device is possible through user interface.

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**Index Terms**

Computer Science

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**Keywords**

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