Abstract

One of the most prevalent problems in hospitals of India is the infants being abducted or getting mismatched from their respective parents. Thus a smart infant monitoring system based on RFID is proposed in this paper to reduce the potential risks. The smart infant monitoring system can be used in neonatal department in hospitals with integrated RFID modules. The smart infant monitoring system is composed of:

Child monitoring system (CMS)

Server Room System (SRS)

References

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**Index Terms**

Computer Science

Information Sciences

**Keywords**

Passive RFID reader ; Active RFID tag ; Server room ; CMS (child monitoring system); ESP8266 Wi-Fi module; Android; Arduino; Bluetooth module;