

Nurse Call System is an essential requirement in hospitals and healthcare facilities. The basic idea of this project is to design and implement a complete wireless nurse call system in the hospital, displaying the patient room number on an LCD and send a message to the duty mobile.

Features

- A wireless nurse call system using NRF24L01, GSM module and Arduino
- The system helps patients in general wards of hospitals
- A patient can call a nurse or patient care assistant (PCA) for help by pressing the button provided
- This system is also capable of generating blue code messages delivered to the duty mobile given to the doctor
- When a patient calls a nurse, the system updates the patient’s bed number on the LCD display placed in the nurse’s station
- The system implements a smart controller and several wireless switches using RF technology to continuously monitor and display the state of any room / patient

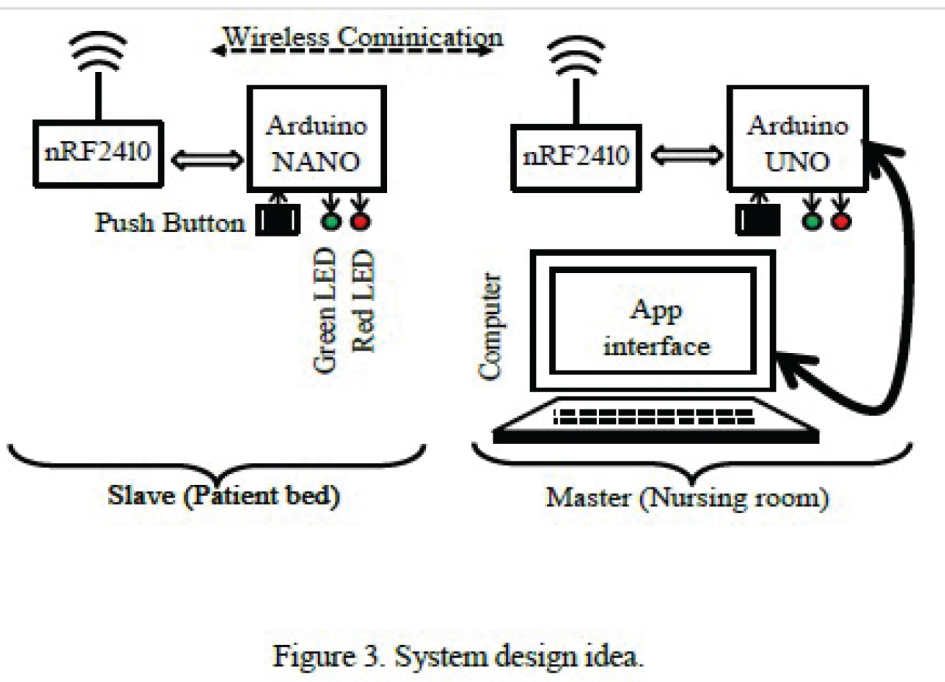


Figure 3. System design idea.

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WIRELESS NURSE CALLING SYSTEM

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