

ABSTRACT

This project is about designing an automatic system for helping patients to ask for quick services to the nurses on duty when left alone in a bed allocated. The main working principle of this project are the two main parts which are patient and nurses i.e. transmitter and receiver. Here the patient will be sending alert to the nursing centre by pressing respected push button and the nurse will see the indication through the LED and the number of bed will display by the seven- segment that a patient in a certain bed needs to be served. This system has been developed to improve the existing system which is wired uses alarm that brings noise and disturbs other patient and people around.

For the successfully complete of this project the designing process were done through Literature review where by various sources such as books were consulted in search for useful ideas which help with the system design, Consultation and data collections, Circuit design, Interfacing of the system, Circuit prototype implementation and testing.