# Health Care Monitoring System

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**Abstract:** *In nowadays patient monitoring system is more critical to constantly monitor a patient's physical parameters from sensors on the patient's body. This system can monitor physical parameters periodically. Sensor nodes can sense the heart rate, body temperature, ECG signal, Pulse rate, etc. This sensor data is transferred to mobile phones using Bluetooth communication. All these sensors and Bluetooth are connected to Arduino. Then Doctors can monitor/her physical condition on a mobile application using flutter. In this paper we also included RFID sensors, RFID sensors are used to open and close the door automatically. These RFID sensors are used to open and close the gate of the hospital. The offered outcome of this research is to give suitable and effective health facilities to patients.*

**Keywords:** Patient Monitor, Internet of Things (IoT), Bluetooth Module, Arduino, Pulse Rate Sensor, Temperature Sensor, ECG sensor, RFID Sensor

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