

Doctor Helping Monitoring Kit using IOT

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Abstract: The primary objective of the doctor helping monitoring kit is to enhance the quality of information management and operational efficiency within healthcare facilities. The current demands of day-to-day patient monitoring in hospitals can be overwhelming for doctors and nurses, often making it difficult for them to supervise each patient closely. Consequently, this situation gives rise to various challenges. Considering the critical nature of healthcare, it is imperative for the industry to adopt innovative technologies promptly to advance modern healthcare practices and utilize them for seamless patient monitoring from any location. This application encompasses several components, including a Patient Monitoring Robot System, an IV Bag Monitoring System, Temperature Detection, and a Disease Prediction Kit. The Patient Monitoring Robot System enables doctors to remotely monitor patients and access their medical data. This robot system can be controlled by healthcare professionals and move between different locations as needed. The system simplifies the management of multiple patients by allowing a single person to oversee their well-being. An IV Bag Monitoring System is also integrated to facilitate efficient patient care. This system alerts healthcare providers when a patient's saline bottle is running low, ensuring timely replenishment. This feature streamlines the monitoring process, allowing healthcare professionals to focus on patient care. In conclusion, the doctor helping monitoring kit aims to address the challenges associated with patient monitoring in healthcare facilities. By implementing innovative technologies such as the Patient Monitoring Robot System, IV Bag Monitoring System, Temperature Detection, healthcare professionals can improve the quality of patient care, ensure accurate data management, and enhance operational effectiveness.

Keywords: Internet of things, Temperature, Mask, Disease, Humidity, Doctor, Patient, Nurse, Cloud, IV Bag, Sensors.

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