# Integrated Doctor Assistant and Ward Management Kit

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**Abstract:** *This integrated ward management system's goal is to improve the quality of information management and operational effectiveness. The day-to-day monitoring of patients in a hospital is a taxing task under our existing medical care system. Doctors and nurses may occasionally be too busy to supervise every patient. This leads to numerous issues. Work that is related to health should be done correctly and accurately. As a result, it is critical that the health sector quickly implement a trending technology to increase modern health care techniques and technologies and use them for the simple monitoring of patients from anywhere. A Patient Monitoring Robot System, an IV Bag Monitoring System, Temperature Detection and a Disease Prediction Kit are included in this application. Patient observation Doctors will be able to easily view patients and medical data thanks to a robot system that can be controlled by them and travel from one location to another at any moment. It will be simple for one person to manage several patients using IV Bag monitoring. Monitoring a patient is an example of this type of work in our hospital. When the patient's saline bottle runs out, the system will send an alert, thus we suggested a system called the IV bag System. Utilizing patient symptoms, healthcare monitoring systems are helpful in predicting disease. By using information mining, this project hopes to create a symptomatic model of common illnesses based on their manifestations.*

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

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