

How does a smart medicine box work?

When it's time to take the medicine, the smart medicine box and the mobile App will remind the user at the same time, and the smart medicine box will monitor and record whether the user takes the medicine. Finally, the system will record the number of remaining packets in the medicine box.

Can a smart medical box relieve patients from visiting a doctor?

This paper proposed a smart medical box that dispenses not only medicines at prescribed schedules but also has a basic health monitoring system for the patient's temperature, oxygen level, and heart rate detection, thus relieving the patient from visiting a doctor.

What is a smart medical box?

Methodology A Smart Medical Box is a microcontroller-based machine that controls different sensors and motors. Three stepper motors are used for operating the three compartments. The medicines are stored in the compartment for three different times for instance morning, afternoon, and night.

What is intelligent medicine box?

In this project, we put forward intelligent medicine box that can conveyance medicines to the patients on time without any other support and also ease with alarm to inmost the long suffering peoples to take the right medicine at exact time.

What is a proposed medicine box?

The proposed medicine box is a type of box designed to help people, particularly the elderly, take their medication on time. It also monitors health conditions like blood pressure and ECG using sensors kept at home and informs users to take necessary action.

How do pill boxes remind people about their medicines?

The use of pill boxes is an old and common method to remind people about their medicines. Some previous work in this field is as follows; Jabeena Aftab, et al. used Arduino (ATmega328P) for a simple electronic reminder system with a rectangle box subdivided into three equal sub-boxes where each sub-box contains an LED and a buzzer.

This paper presents a Smart Medicine box to users who regularly take drugs or vitamin supplements, or nurses who take care of the older or patients. Our medicine box is programmable that reminds the nurses and users which specific pill to take at particular times of day and serves at those times each day. It contains three separate boxes ...

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Our smart medicine box would significantly release nurses or users' burden on frequently preloading pills for patients or users. The finished product . 3 I. High Level Design 1.1 Rationale and Inspiration I am a international student, and during holidays I always bring some USA made medicines to my grandparents back in China. I found they always have trouble remember the ...

This paper proposes a cutting-edge medical care IoT stage with a smart medication box and sensors for health monitoring and conclusion. Patients and specialists can ...

This paper proposes a smart pill box equipped with a camera and based on the medicine bag concept. The matrix bar code printed on the medicine bags is used to interact with the pill box...

This paper proposes a cutting-edge medical care IoT stage with a smart medication box and sensors for health monitoring and conclusion. Patients and specialists can communicate more effectively thanks to a sophisticated locally located medication box with remote availability and an Android application. The proposed device includes a ...

The article describes the development of a smart medicine box (SMB) that features individual compartments that can be customized to suit various user requirements. The SMB helps patients or their caregivers by indicating the necessary dosage and exact time for

An advanced medicine box monitoring, analysis and control system is proposed in this paper based on a smart and safe medical box that assists patients in taking ...

The smart medicine box is a standalone medical box that not only dispenses medicines according to a prescribed schedule but also provides the facility of checking basic health conditions of the patient such as heart ...

Intelligent medicine packaging has reduced the risk of overdosage, under dosage, and any mis-intake of the medicine on time. Thus, a smart medicine box is created to implement all these ...

This paper proposes an intelligent medicine box which can be used to provide safe medication to the elderly

who are living alone. The design is based on STM32F103 micro-controller and other ...

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In this paper, a smart medicine box attached with vital parameter measuring sensors is implemented with IoT technology. This project doesn't recovers special training for handling ...

Intelligent medicine packaging has reduced the risk of overdosage, under dosage, and any mis-intake of the medicine on time. Thus, a smart medicine box is created to implement all these features called iMedBox. It mainly performs three functions remaindering, monitoring, and warning. It uses current technologies to implement these features. A ...

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