

INTERNET OF THINGS
PERSONAL ASSISTANCE FOR SENIOR CITIZENS
AUTOMATIC MEDICINE REMINDER USING ARDUINO

REFERNCE PAPERS:

1. Automatic Medicine Reminder Using Arduino

AUTHOR : Waleed Humaid

DESCRIPTION:

This framework comprises of an ATMEGA328P micro controller with an inbuilt EEPROM and a continuous circuit. Every one of the passages made on the keypad are simultaneously and at the same time showed on the LCD board of the gadget. It will give an alert and the LCD will show the drug to be taken at the updated time.

2. IOT Based Pill Reminder and Monitoring System

AUTHOR : Sultan Ahmad, Mahamudul Hasan

DESCRIPTION:

The proposed system consists of an IoT enabled device and an android application. Patients will no longer worry about daily medication. In the mobile application, medicine details are recorded and reminders are sent about medicine schedules. The device can sense whether a patient has taken medicine or not with the help of the infrared (IR) sensor.

3. A Case Study of Medication Reminder System

AUTHOR : Mohammad Alhaj ,Abdullah Nizar

DESCRIPTION:

Medication management can include everything from using the devices that issue reminders to patients to take their medications. To fill the pill cases for patients and to mark the lid of each compartment to indicate the content to patients. We use HW/SW Co-design approach to allow the hardware and software of the system. It is designed and implemented to make sure that the non-functional properties are met.