LITERATURE SURVEY

TITLE	AUTHORS	DESCRIPTION
International Journal of Research in Engineering, Science and Management Volume-1, Issue-10, October-2018 Smart Medicine Box Using IOT	Sarvesh Kulkarni Shreyas kandgule Vaibhav Katkar Shrutika Tone P. A. Chadchankar	Alerts patient to take medicine on time by storing present time in RTC module. So at the time of taking medicine system generate Notification sound and display the light in certain pill boxes. There are 21 Sub-Compartment each having separate LED and sensors to indicate which medicines need to be taken and check if patient taken medicine or alert doctor and siblings using GSM module by sending SMS.
International journal of advance research, ideas and innovations in technology ISSN: 2454-132X (Volume 5, Issue 3, May, 2019) Medismart: Better health with iot based med box	Vaibhavi G. Raut Tanaya Patil Praparna Moharana Shantanu Ghanekar Swati A. Joshi	MediSmart is an IOT based smart medicine box which reminds the patient to take their prescribed medicine. It provides an android application where user needs to fill and update their personal details and the details of medicine prescriptions in each field via an Android app. This Android Application then updates the database and saves the inputs given by the user. It is now connected to the Arduino through Wi-Fi Connection by ESP8266 Wi-Fi module via TCP protocol. On the scheduled time, the Arduino receives requests via TCP protocol and then sends signals to the other components of the Medicine Box rendering the alarm system to set off. The Alarm System provides both audio and visual aid to guide the end user. There are LED lights that are placed on the box .It alerts the end user if medicines have not been consumed by making use of Infra-Red sensor and determining if the medicine has been consumed or it will notifies the user via an Android application that medicine has not been taken.
International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958 (Online), Volume-9 Issue-3, February 2020	Harshitha V Sandeep K Swasthika Jain T J	This system uses IR (Infra-Red) sensor, camera, and RFID tags to count the number of pills inside a tray which are interfaced with the Arduino UNO.The RFID stickers fastened on each tablet sheet will be scanned by using the RFID, camera and IR sensor. The sensors will be giving the count of pills inside the box periodically for every 5 to 6 hours. The timings for the intake of medicines by the patient will be set for the device using RTC (Real Time Clock). When the time for the medication to the patient has come the timer set for the device using RTC will be sending notification using buzzer and GSM to the patient and their family members. The notification will be sent to the mobile device and smartwatch

An Interactive Pill Box using IoT		which is connected to the device. By using RFID tags the pills which are taken can be identified whether the patient has taken correct medicine or not at a prescribed time. The data will be updated into the web browser using the Wi-Fi module. After completely taking the medicines over days/months the device will be fixing an appointment with the doctor automatically by sending a message using the GSM module and also convey the same to the medical shops to deliver the required medicines to patients address or to the hospitals where the patient stays. The same thing will be displayed on the 16x2 LCD.