MEDICINE REMAINDER-Personal Assistance For Seniors Who Are Self-Resistance

Literature survey

**TEAM ID :** PNT2022TMID50154

**TEAM MEMBERS :**

V. PUSHPA ANGELA

B.ESAKKIAMMAL

S.SINTHIYA

D.STERINA

**PAPER-1 Samir V.Zanjala, Girish. R. Talmaleb, Medicine Reminder and Monitoring System for Secure Health Using IOT-11-12 December 2015.**

In modern society, busy life has made people forget many things in day to day life. The elderly people and the people victims of chronicle diseases who need to take the medicines timely without missing are suffering from dementia, which is forgetting things in their daily routine. Considering this situation study has been done in this. Paper reviewing the technologies of home health care which are currently used for improving this situation by reminding the scheduled of medicine, remote monitoring and update new medicine data of patients, which can be done by prescriber through web. Ilkko et al4 proposed UbiPILL A Medicine Dose Controller of Ubiquitous Home Environment (2009), Home automation and wireless sensor network which have enhancing the quality of life by providing security, information Kliem et al5 proposed Security and communication architecture for networked medical devices in mobilitya ware eHealth environments (2012), Telemedicine concept is cost efficient and location autonomous monitoring attention to system, the suitable and secured medical data can be transferred with different devices with wards security and privacy issue. Emergency situations need on the flutter network integration and data transmission fluctuating from domains like patients home, medical practice .fluctuating from domains like patients home, medical practices.

**PAPER-2 Mohammad Alhaj, Abdullah Nizar, Shahd Al-Hatem, Athraa Leekha ,A case study of medication reminder system-october 2019.**

Medication management is medical treatment handled by medical therapist that aims to optimize therapeutic outcomes for patients. It is an important topic for treating the elderly who often take multiple medications simultaneously to treat different conditions and symptoms. Medications usually need to be taken in specific doses at set intervals. Missing doses or timing doses incorrectly can cause medical complications. Medication management can include everything from using devices that issue reminders to patients to take their medications to filling pill cases for patients and marking the lid of each compartment to indicate when the contents need to be taken. In this paper, we present a case study of medication reminder system that helps to alert patients who forget to take their medicines at prescribed time. We used HW/SW Co-design approach to allow the hardware and the software of the system designed and implemented in parallel and make sure that the non-functional properties are met.

**PAPER-3 Mayuresh Waykole, Vatsalya Prakash, Himanshu Singh, Nalini N,ArduMed - Smart Medicine Reminder for Old People 5, May-2016.-**

It is a frequent observation that people give more preference to their work and other material things than taking care of their health. If smart, working adults can forget taking proper medications, the situation can only be worse for our parents and grandparents. Often they forget to take their medications or take overdose of it, resulting in further health deterioration. Our system aims to reduce this problem by reminding patients about their medications and showing them the correct amount of medication to take. It is a combination of physical and digital reminder that will be helpful for people of any age, but is specially helpful to old people who forget taking their medications .Our smart medicine reminder system is designed for, but not restricted to, helping old people in taking care of themselves in taking their medications at the correct time and in the correct amount. It has been observed that people in general neglect their health and give preference to other things than taking their medicines. This is also the reason they forget to take their prescriptions on time. Many health maintainance organizations, health practitioners and medical researchers have realized that increased use of patient reminders can significantly increase the treatment of chronic illness and delivery of medical services to the patients who need it.

***PAPER-4 Priyanka J. Solanke1, Scientist. K. Lakshman2, Smart Medication & Monitoring System for Secure Health using IoT- Jan 2019.***

In modern society, busy life has made people forget many things in day to day life. The elderly people and the people victims of chronicle diseases who need to take the medicines timely without missing are suffering from dementia, which is forgetting things in their daily routine. Considering this situation study has been done in this. Paper reviewing the technologies of home health care which are currently used for improving this situation by reminding the scheduled of medicine, remote monitoring and update new medicine Consumption data of patients, which can be done by prescriber through IOT. In day-to-day life most of the people need to take medicines which was not there in past couple of years and the reason behind this is diseases are increasing in large amount. So sooner or later many people come in contact with these diseases. Some diseases are temporary diseases while many diseases gets mixes with the human body in such a way that they can’t leave the body ever and they increases in rapid time. Life span of humans became less because of such diseases and to overcome or to live a better life we need to take medicines regularly and also in large amount. We need to be in advice of Doctor who tells us to take desired pills in desired way so that patients face problems like forgetting pills to take at right time and also when Doctor changes the prescription of medicine patients have to remember the new schedule of medicine .