**MILESTONE NAME: IDEATION PHASE**

**ACTIVITY NAME: LITREATURE REVIEW**

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| **Date** | 10 September 2022 |
| **Team ID** | PNT2022TMID46387 |
| **Student Register Number** | 820319104007,820319104020 |
| **Student Name** | Archana B, Kesavarthini C |
| **Project Name** | Personal Assistance for Seniors Who Are Self Reliant |
| **Maximum Marks** | 2 Marks |

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| **AUTHOR** | **PROJECT TITLE** | **YEAR** | **ABSTRACT** | **DEMERITES** |
| Mayuresh Waykole | Smart Medicine Reminder for Old People | 2016 | 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. | **The complexity of the system** |
| Sultan Ahmad | IoT Based Pill Reminder and Monitoring System | 2020 | An internet of things (IoT) based reminder system has been developed. It is designed to assist the patient who forgets to take medicine. The proposed system consists of an IoT enabled device and an android application. It mainly focuses on dementia patient | It require continuous internet connection |
| Mehala.M,  Viji Gripsy | Voice Based Medicine Remainder Alert Application for Elder People | 2020 | The main objective of this work is developing  android smart phone application to assists elderly people for  independent living with their wishes. It reduces the burden of allotting health care professionals in homes to monitor elder persons. Smartphone application gives services and assists the  elderly person to complete their daily life activities as others. This application Patients need not remember their medicine dosage  timings as they can set their dosage timings. | **High dependency on the internet** |
| M. Annamalai ,  Dr. X. Mary Jesintha | Smart IoT System based Patient Monitoring and Medicine Reminder based on Registry Service Selection Scheme | 2020 | Investigate the development of patient help framework dependent on Quality Function Deployment (QFD) in the Internet of Things (IoT) condition, in this study, with the help of IoT innovation, Registry Service Selection (RSS) strategy is utilized to fabricate quiet assistance model to accomplish the detection and reminder of patient’s physical condition | This is the critical perspective for executing |
| Pallavi Prakash Ghogare,  Mrs. V. S. Jahagirdar | Medication Reminder and Monitoring Using IOT | 2018 | The proposed system consists of an IoT enabled medication reminder system and it gives timely alerts for the patients about their medication time. It alerts the patient to take medicines at proper time by providing audio-visual alert. | Initial capital costs may be high so its should be seen as a long term investment |
| Abhishek Madankar | IoT based Advance Pill Reminder System for Distinct Patients | 2021 | This paper presents a working of advance pill remainder setup, which can remove asymmetry in taking medicine dosages and remind the patient to take medicine at prescribed time and particular number of dosages. In this approach, the users are switching from human memory to automated supervision. | Complex system for maintenance |
| [Shawn Benedict Kumar](https://ieeexplore.ieee.org/author/37086917169) | Smart Medicine Reminder Device For The Elderly | 2018 | The paper explains the background of the study and the main aim is to ensure that the IoT-Based Smart Medicine Reminder Device will be solving problems faced by the elderly. The issues that have been identified are targeted very much to the elderly &are aimed to solve the issues faced by the elderly on a daily basis, especially with the consumption of medicine. | Cost is high |
| Samir V. Zanjal | Medicine Reminder and Monitoring System for Secure Health Using IOT | 2016 | 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. | Highly accuracy |
| N. Chandana | IoT based Medicine Reminder and Dispensing Machine | 2022 | This machine can also be used in homes where elderly patients forget to take their medications on time and require a caregiver to administer each dose. Food &exercise times are beneficial to patients because certain medications must be taken at specific intervals before or after food. | High cost |
| Abinaya, Bharath kumar | A medicine reminder system using IoT | 2020 | Many such medicine reminder systems have been  developed where a new hardware is required but in our work, we have made an attempt to develop a system which is free of cost  Many such medicine reminder systems have been  developed where a new hardware is required but in our work, we have made an attempt to develop a system which is free of cost  Many such medicine reminder systems have been  developed where a new hardware is required but in our work, we have made an attempt to develop a system which is free of cost  The proposed framework comprises of an IOT empowered drug box which gives opportune messages for the patients about their drug time. It alarms the patients to take medications at the appropriate time. The medication subtleties can be recorded in the portable application by the quiet himself or by the guardian of quiet. The framework jelly track of prescription admission etc.. | Cost is barrier due to its widespread |
| Archana.M | Smart Medication System For Elderly Care | 2017 | This Paper introduces a remedy for the elder people who tend to forget their medicines to be taken on time we have designed and built a medication system, which will record the time of taking the medicine &accordingly will remind the elderly people to take medicine on time. It is more useful for the aged person who usually forget to take medicine and are prone to serious medication. | It require continuous internet connection |