

# **PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT**

## **ABSTRACT**

In this world, there is a 5 billion people have access to medicine. It improves the patients health, and as well as improves the physical and mental strength. But, sometimes elderly people forget to which medicine to take their medicine at the correct time. 75% of people forget their medicines. The proposed idea is creating a voice based medicine reminder notification alert can be set for multiple medicines and timings including date, time and medicine description, this application will remind their user about the medicine in-take schedule. The project idea will be implemented with python IDLE software. If the medicine time arrives the web application will send the medicine name to the IoT device. The device will receive the medicine name and time with voice commands. Based on the received command, the person take the appropriate medicine at correct time. Thus the medicine reminder application can be made with proposed idea. This can be implemented in the field where the peoples are taking medicine. It is suitable for memory loss people. This methodology is used to patients take their medicine in correct time. It reduces the burden of allotting health care professionals in homes to monitor elder persons.

## **KEYWORDS:**

Medicine - forgetting - reminder application - python IDLE - voice commands