IDEATION

PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT

IDEA 1:

MEDICINE REMINDER

Sometimes elderly people forget to take their medicine at the correct time. They also forget which medicine He / She should take at that particular time. And it is difficult for doctors/caretakers to monitor the patients around the clock. To avoid this problem, this medicine reminder system is developed. An app is built for the user (caretaker) which enables him to set the desired time and medicine. These details will be stored in the database. If the medicine time arrives the web application will send the medicine name to the IoT Device through the IoT platform. The device will receive the medicine name and notify the user with voice commands.

IDEA 2:

HEALTH MONITORING APPLICATION

At least 80% of seniors suffer from one chronic condition; 68% suffer from two or more. Smart devices—i.e., blood pressure monitors, glucose meters, oximeters, and pill dispensers—can help the elderly manage these conditions. Caregivers obtain data from various devices connected to the cloud, analyze and assess everyday life patterns of senior patients, and detect health problems before

they escalate. If any deviation is suspected, a healthcare worker will be automatically notified.

IDEA3:

PERSONAL ASSISTANT DEVICE

When the elderly wears the device, the pulse sensor present in the device measures the pulse rate, later these readings and the data from different sensors are sent to the microcontroller. These measured values are sent to the doctor's application, and the caretaker can check the readings frequently. If the patient does not know how to use the mobile, then the device has some push buttons just by pressing them the alert is sent to the doctor or caretaker's mobile application.