

Personal Assistance for Seniors Who are Self-Reliant

The personal assistance is about using a technology and data to remember the medicine name at the right time for seniors who are self-reliant based on IoT(Internet of Things)

The story behind the Personal Assistance for Seniors Who are Self-Reliant

- Users can configure the medicine name, and time through a web application.
- All the medicine details will be stored in the IBM Cloudant DB.
- The web application will send the medicine name to the IoT device at the desired time.
- After getting the medicine name the device will speak out the medicine name using IBM text to speech Service to intimate the user to take the medicine.

What is the aim of Personal Assistance for Seniors Who are Self-Reliant

The aim of personal assistance for seniors who are self-reliant is to brighten the lives of elderly people who deserve to stay safe and be happy.

How to use it

1. **Title:** Personal Assistance for Seniors Who Are Self-Reliant

2. **Alternate Name:**

Personal Assistance using IoT.

1. **Target group:** Elderly people

2. **Problem:**

- 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.

3. **Solution:**

- 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 IBM Cloudant DB.
- If the medicine time arrives the web application will send the medicine name to the IoT Device through the IBM IoT platform.
- The device will receive the medicine name and notify the user with voice commands.

4. **Benefits:**

- Improved Self-Confidence. Independent people are accustomed to handling situations on their own.
- Decreased Emotional Turmoil.
- Financial Freedom.
- Healthy Decision-Making.
- Increased Opportunities.

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Personal Assistance using IoT

Elevator Pitch

To provide a basic solution for elders to be self reliant using personal assistance

Target group

Elderly
People

Problem

Which major user pains are being addressed?

personal
security and
safety

health care and
health
challenges

mental
health

Solution

Pre Requisites:

IBM Watson
IoT Platform

Node-RED
Service

Cloudant DB
TTS Service

Skills Required:

Python, IBM
Cloud

Text To
Speech, Node-
RED

IBM IoT
Platform

Advantages:

User
friendly

Provide better
service.

Avoid
mistakes.

Benefits

How will you benefit
from your solution?

Financial
Freedom.

Improved Self-
Confidence

Healthy
Decision-Making