TEAM ID	PNT2022TMID01111
PROJECT NAME	Personal Assistance for Seniors Who Are Self-Reliant.

Project Objectives

The Name of the project is **Personal Assistance for Seniors Who Are Self-Reliant.** And is was done by the teammate (Ramesh P, Prasath V, Maria Antony B, Praveen Kumar A(TL)).We August 2022 to November 2022 and in the span of three months we have learned much from IBM and ICT Academy members.We have discovered the problem in the current that are faced by the elderly person and have interacted with them& the problem are given below

- As a user, I want to take Medicines on time and monitor my health.
- As a user, I want to take my tablets on time by voice command.
- As a user, my patient needs to take medicines on time and monitoring the activity.
- As a user, my patient medication time and prescription should loading database for upcoming week.
- As a user, I need to take my medicine in nearby places with light notification.
- As a user, I need to take my medicine and I am not able see the dosage of medicine properly.
- As a user, Sometimes my medicine aren't in stock and I usually forget the Stock of my medication.

  The project is done in MIT App and connect to cloud to execute and process.

- MIT app
- IBM Cloud
- Wokwi
- To Gain knowledge of Watson IoT Platform.
- Connecting IoT devices to the Watson IoT platform and exchanging the sensor data. Gain knowledge on IBM Text to Speech Service
- Explore python client libraries of Watson IoT Platform
- Text toSpeech Service. Gain knowledge on IBM Cloudant DB
- Creating a Web Application that interacts with IoT device
- Create and configure IBM Cloud Services
- Create IBM Watson IoT Platform
- Create a device & configure the IBM IoT Platform
- Create Node-RED service
- Create text to speech service
- Create a database in Cloudant DB to store medicinedetails
- Develop a web Application using Node-RED Service
- Develop a python script to subscribe to the IBM IoTplatform & Generate voice alerts