# PROJECT OBJECTIVES

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| Team ID | PNT2022TMID21393 |
| Project Name | Personal Assistance for Seniors Who Are Self-Reliant. |
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**Objective :**

* 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 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.

# What we learn:

By the end of the project, you will:

* Gain Knowledge of Watson IOT platform.
* Connecting IOT devices to the Watson IOT platform and exchangingthe sensor data.
* Gain knowledge on IBM Watson Cloudant DB.
* Explore Python Client libraries of Watson IOT platform.
* Gain Knowledge of web application development.
* Gain Knowledge of Node-RED and its application.
* Gain Knowledge of Text to Speech service.

# To accomplish Objective, we have to complete all task and activities below:

Create and configure IBM Cloud Services.

* 1. Create IBM Watson IOT platform and Device.
  2. Create Text to speech service.
  3. Create Node-Red Service. Develop python script.

1. Develop python script

Develop a web application using Node-Red Service.

1. Develop web application using Node-Red.
2. Testing web UI by giving the required inputs.