PROJECT OBJECTIVES

Team ID	PNT2022TMID00479
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.
  ➤ 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 exchanging the 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.