TEAM ID: PNT2022TMID11032

PROJECT NAME: PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT

PROJECT OBJECTIVES

- **Users can configure the medicine name and time through a webapplication.**
- **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 desired time.**
- **After getting the medicine name, the device will speak out the name of the medicine using IBM text to speech service to intimate the user to take the medicine.**

To accomplish this, we have to complete all the activities and tasks that are listed below:

- **Create and configure IBM Cloud Services**
    - **Create IBM Watson IOT platform**
    - **Create a device and configure the IBM IOT platform**
    - **Create Node-Red service**
    - **Create Text to Speech service**
    - **Create a database in Cloudant DB to store medicine details**
- **Develop a web application using Node-Red service**
- **Develop a python script to subscribe to the IBM IOT platform and to generate voice alerts**