

PROJECT DESIGN PHASE-I
SOLUTION ARCHITECTURE

Date	30 September 2022
Team ID	PNT2022TMID16081
Project Name	Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- The best technological solution to remind the patient to take the medicine on time is to store the medicine time in the IBM cloudant. We employ IOT platform to transfer the medicine name to the device.
- Installing python SDK to connect the code with IBM Watson IOT platform.
- Development phases:
 - Step 1: Create IBM Watson IOT platform.
 - Step 2: Create the device and configure the IOT platform.
 - Step 3: Create Node-RED device.
 - Step 4: Create text to speech service.
 - Step 5: Create Database in Cloudant DB to store the medicine details.
- Requirements: IBM Watson IOT Platform, Node-RED Service, Cloudant DB, TTS Service are required.

Solution Architecture Diagram For Personal Assistance for Seniors Who Are Self-Reliant :

