# Project Design Phase-I
## Solution Architecture

| Date | 19 September 2022 |
|---|---|
| Team ID | PNT2022TMID27535 |
| Project Name | Personal Assistance for senior citizens who are self-reliant |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

- Elderly patients find it difficult to take medicines on time due to age issues.

- The tend to forget which pill should be taken on what time.And also there is much burden placed on the caregivers.This makes the caregivers and also the patients frustrated.

- Hence the proposed solution consists of an web application which enables the user to input the pill name and time of intake which is stored in IBM cloudant DB.

- When the scheduled deadline arrives,the web app sends a message query to the IoT device through IBM IoT platform.

- The IoT device receives the message and generates a voice output command of the pill name to be taken.

**Solution Architecture Diagram:**