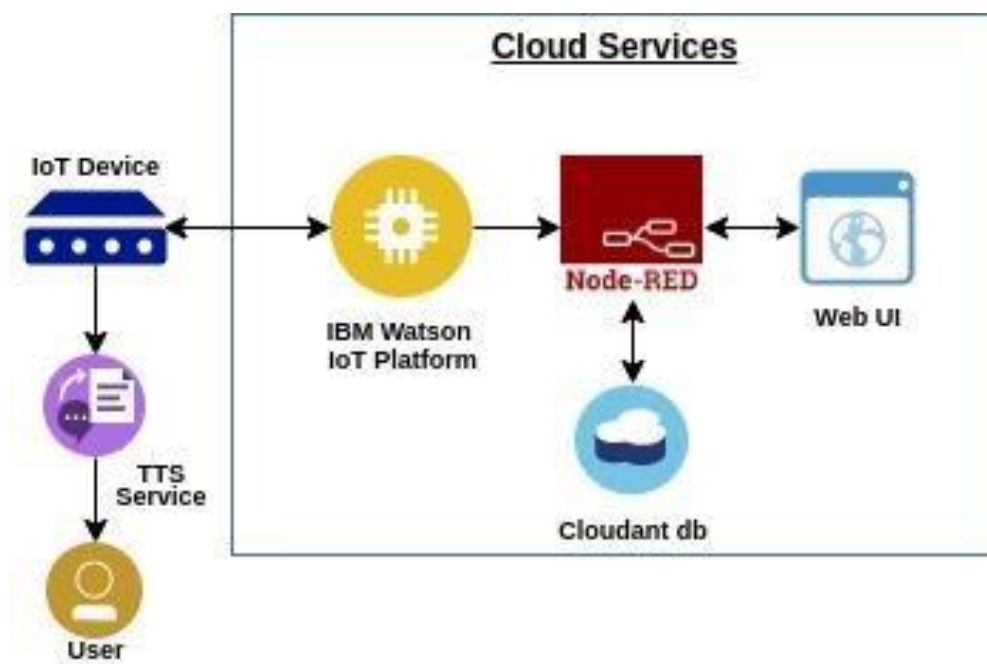


## Project Design Phase-I Solution Architecture

Date	28-10-2022
Team ID	PNT2022TMID25143
Project Name	Personal Assistance for senior citizens who are self-reliant
Maximum Marks	4 Marks

### Solution Architecture:



### IOT Device:

- Getting the information from the application about the time and name of the medicines.
- Sending an SMS to the persons.
- Gathering the user information from the web application in which the user registers.
- To accomplish this, we have to complete all the activities listed below:

## **Create and Configure IBM Cloud Services:**

- Create IBM Watson IOT platform
- Create a device & configure the IBM IOT Platform
- Create Node-Red service
- Create a database in IBM Cloudant DB to medicine names and time.

## **Develop a web application using Node-RED service:**

- Develop the web application using Node-RED.
- Develop a python script to publish the medicine names and time to remind details to the IBM IOT Platform.

## **Develop an application:**

- Develop an application in which the user can feed the data on the medicine name and time.
- Develop an application which can transmit the signal on the reminder of the medicines at the time specified.