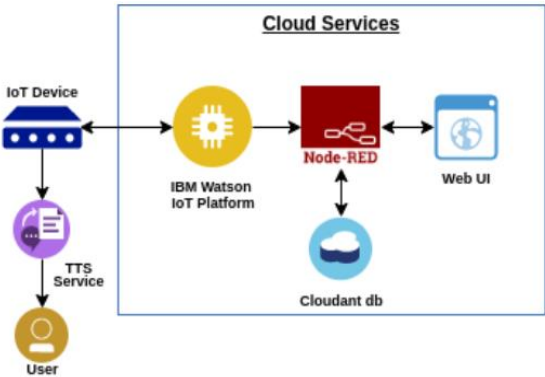


Project Design Phase-I Proposed Solution Template

Date	09 October 2022
Team ID	PNT2022TMID21391
Project Name	Personal assistance for seniors who are self- reliant.
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> Sometimes elderly people forget to take medicines at correct time ,to avoid this medicine reminder system is developed.
2.	Idea / Solution description	<ul style="list-style-type: none"> In order to monitor elders we proposed medicine reminder system. An app is built for the user (caretaker) which enables them to set the desired time and medicine. These details will be stored in the Cloud DB. If the medicine time arrives the web application will send the medicine name to the IoT Device through the IoT platform. The device will receive the medicine name and notify the user with voice commands.
+ 3.	Novelty / Uniqueness	<ul style="list-style-type: none"> Digital Voice assistant technology Notification System.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> This will be helpful for the caretakers/doctors for monitoring the health conditions of elders and also this creates positive impact on seniors health.
5.	Business Model (Revenue Model)	 <p>The diagram illustrates the system architecture. An IoT Device (represented by a blue icon) is connected to the IBM Watson IoT Platform (yellow icon). The platform is connected to Node-RED (red icon), which is connected to a Web UI (blue icon). Node-RED is also connected to a Cloudant database (blue icon). A TTS Service (purple icon) is connected to the IoT Device, which is connected to a User (orange icon).</p>
6.	Scalability of the Solution	<ul style="list-style-type: none"> In future increase the number of users, Maintains best possible user experience. Helps the elders to take medicines regularly And also helps to refill the medicines.

