

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID27544
Project Name	Project - Personal Assistance for seniors who are self reliant
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Sometimes elderly people forget to take their medicine at the correct time. They also forget which medicine should be taken at that particular time. And it is difficult for doctors/caretakers to monitor the patients around the clock.
2.	Idea / Solution description	<ul style="list-style-type: none"> <li>➤ A medicine reminder system is developed. An app is built for the user (caretaker) which enables him to set the desired time and medicine.</li> <li>➤ These details will be stored in the IBM Cloudant DB. If the medicine time arrives the web application will send the medicine name to the IoT Device through the IBM IoT platform.</li> <li>➤ The device will receive the medicine name and notify the user with voice commands.</li> </ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> <li>➤ Keeping track of the medicines taken by the user at each time interval.</li> <li>➤ Information is stored in the secured IBM cloud.</li> </ul>
4.	Social Impact / Customer Satisfaction	The reminder system enables the user to take tablets at regular intervals prescribed by the physicians.
5.	Business Model (Revenue Model)	<p><b>Direct Mode:</b> We gain revenue from selling the medical reminder system to hospitals, medical health centres and even in old age homes.</p> <p><b>Indirect Mode:</b> We gain profit by having partnership with pharmaceutical companies.</p>
6.	Scalability of the Solution	The medical alert system can be used in hospitals, medical health centres and even in old age homes for dispensing medicines.

