Project Design Phase-I
Proposed Solution Template

Team ID	PNT2022TMID27689
Project Name	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 He / She should take at that particular time . And it is difficult for doctors/caretakers to monitor the patients around the clock. To avoid this problem, this medicine reminder system is developed.
2.	Idea / Solution description	An app is built for the user (caretaker) which enables him/her to set the desired time and medicine. 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. The device will receive the medicine name and notify the user with voice commands.
3.	Novelty / Uniqueness	The device provides multiple ways of reminding to the patient to take medicine. Gives stock alert when medicine is low. For security purpose, emergency alert through SMS to the caregiver/family member is added.
4.	Social Impact / Customer Satisfaction	Our system will remind the user at the prescribed time of which medicine is to be taken in the form of mobile notification. Customers (Users) are satisfied because when they intake their medications on correct time they feel healthy.
5.	Business Model (Revenue Model)	Through are web application the revenue can be made in the form of pop-up advertisements overlay ads from third party services.
6.	Scalability of the Solution	Large number of people can be supplied with the wearable devices to ensure their safety. They can easily set their medication time in the web application