Project Design Phase-I
Proposed Solution Template

Date	16 October 2022
Team ID	PNT2022TMID12805
Project Name	Project – 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)	• 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.
2.	Idea / Solution description	• To avoid this problem, we will develop a medicine remainder system. • An app is built for the user (caretaker) which enables him 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	• It is an easy app for the user as it alerts when it's time to take medicine and the details saved in the cloud database can be updated automatically using IoT Technology and mainly helps the caretakers to take a free of reminding medicines to the beloveds but also monitor them easily.
4.	Social Impact / Customer Satisfaction	• This proposed system provides many facilities which help the patients to take medicine at right time. The correct time of intaking medicines will make a patients feel healthy and helps them to recover from disease or disorder quickly. • The model you select will depend on your target market, business objectives, and the

		resources you already have available.
5.	Business Model (Revenue Model)	• This prototype can be developed as communication between devices and the cloud, as well as between the devices themselves such as IoT device and web application app and also IBM IoT platform. • By our web application the profit or revenue can be made from some pop-up advertisements and relatable medical care advertisements.
6.	Scalability of the Solution	• This can be developed as a medicine remainder app using web application and IoT devices with cloud services and finally gives voice commands using IBM Text to speech Service. • Large number of people can be supplied and where the user can set their medicine time. In the application, there will some feature that help the user to know more details about their medicine that is prescribed.