Project Design Phase-I
Proposed Solution

Date	23 September 2022
Team ID	PNT2022TMID52751
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	**Problem Statement (Problem to be solved)**	Elderly people sometimes tend to forget to take their medicine at the correct time, or might forget which medicine they are supposed to take at that particular time. This makes it difficult for the doctors/caretakers to monitor the patients properly around the clock, which leads to inadequate treatments being provided to the elderly patients, and could result in casualties.
2.	**Idea / Solution description**	To design a medicine reminder system, which is an application built for the user/caretaker, which enables them to set the desired time and medicine. When it is time to take the medicine, the web application will send the name of the IoT Device through the IBM IoT Platform and notify them using voice commands using Text-to-Speech conversion.
3.	**Novelty / Uniqueness**	The proposed model continuously monitors the elderly patients and produces reports on their medicine intake data, while also using this available data to alert the user using Voice Commands, ensuring an efficient reminder method.
4.	**Social Impact / Customer Satisfaction**	Encourages proper medicine intake for the elderly users, thus ensuring them a good and a healthy life.
5.	**Business Model (Revenue Model)**	The low cost requirement for designing this proposed model makes it more reliable and user friendly. This makes the model more practical for widespread use in hospitals and homes for efficient medicine intake.
6.	**Scalability of the Solution**	With efficient usage of IBM cloud, this proposed model will be able to handle a large number of user data. This makes a huge number of users to easily access and efficiently use it.