Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID15483
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)	In modern society, busy life has made people forget many things in day to day life. The older adults and the people victims of chronicle diseases who need to take the medicines timely without missing have dementia, forgetting things in their daily routine. This application is used to remind tablets on time.
2.	Idea / Solution description	The Medicine reminder system consists of a pillbox provided with a set of Compartments. It is designed in such a way that normal people can use it easily for their medication. The pill box's control system consists of LEDs for giving visual alerts to the patient for medicine. There is a Speaker in the system which alerts the patient in audio form. The alert will be given in the form of SMS to the patient's caretaker.
3.	Novelty / Uniqueness	Going across many reviews on this project, we can conclude that no technology can replace a personal care taker. Still the technologies are trying to invent a system that replaces a personal care taker by providing friendly relationship with patients.
4.	Social Impact / Customer Satisfaction	Need for the special care taker to aging, ill people & physically and mentally challenged people. Health monitoring and health care of people can be improved.
5.	Business Model (Revenue Model)	This application can be given to people who are in need to take care of elderly people by giving medicines on time. It can also be given in subscription bases.
6.	Scalability of the Solution	Since the IOT technology is in improving stage, emerging new technology can be easily implemented in this project. This technology provides communication between care taker, Doctor and family members.