

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID27334
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)	It is difficult for elderly people to take medicine on their own at allocated time.
2.	Idea / Solution description	This project proposes a IOT Based Medicine reminder alarm system. Using IOT webpage ,IR sensor, SMS alert, E-mail alert,esp8266 sensor ,MYSQL database, FTDI board , power supply it will alert the elders either by sending E-mail/SMS alert or by triggering some alarm.
3.	Novelty / Uniqueness	The uniqueness of our proposed project is patients need not have to remember their medicine dosage timings as they can set an alarm on their dosage timings. The alert can be set for multiple medicines and timings including date, time and medicine description. A notification will be sent to them through email or message inside the system preferably chosen by the patients.
4.	Social Impact / Customer Satisfaction	Using this project, it immensely help elder people to become more conscious to take medicine on time.
5.	Business Model (Revenue Model)	This project not only for elders, also useful for young patients who are forgot to take medicine on appropriate time . So the perfect solution for this problem should be a Automatic Medicine Reminder Alarm System.
6.	Scalability of the Solution	The main advantage of this project is its scalability. It will be in compact in size and elder people can take anywhere else to take timely medication according to their schedule.