Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID3429
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)	1. Elderly persons are inactively dependent, sick and weak in terms of health, economical , physical and psychological phenomena which leads to several medical problems. 2. Due to their physical and mental stress they may fail to take medicine , sometimes they even take at wrong time and also too much dosage of medicine.
2.	Idea / Solution description	This Provides a detail description of a developed platform using **INTERNET OF THINGS** by focusing on its scalability and dynamic modification capabilities by providing medical remainder , monitoring the health conditions using sensor data including fall detection ,pulse oxy-meter, accelerometer ,ECG signal detection and also tracking (GPS) their regular movements of the elderly person which gives a real time monitoring system that allows the caretakers to monitor the old person's activity regularly who needs special attention in familiar residential place because of their ageing or illness.
3.	Novelty / Uniqueness	1. Monitoring their routine, picking up inconsistency and alerting emergency service if necessary. 2. The continuous monitoring of pills is not required by the user – the app automatically notifies to the user and also the pharmacies when pills gets over and delivered to the users. 3. Wireless sensors plays vital role than remote healthcare monitoring

		because the sensors implanted in the body capture and sends the signals which are received and analysed by a processor. Hence , the users can get their health updates from their own places.
4.	Social Impact / Customer Satisfaction	1. The patients travelling duration will be saved and they doesn't need to depend on anyone. 2. The users can know their health status from anywhere at anytime. 3. Patients can avoid often visiting the hospital which saves their time.
5.	Business Model (Revenue Model)	Medical remainder system plays a vital role not only for senior citizens and also for others, for this we can conduct social security medical care programmes ,can collect funds from health care resources, charitable trust, some business sponsorship and also posting advertisements in social medias to earn capital.
6.	Scalability of the Solution	Medical remainder system using wireless sensors is useful for everyone because , 1. It will be user-friendly device which can be accessed by anyone 2. It will reduce mental stress for the people who feel lonely 3. It will consume less time