

Project Design Phase-I
Proposed Solution Template

Date	November 07, 2022
Team ID	PNT2022TMID19312
Project Name	Personal Assistance for Seniors Who are Self-reliant using Internet Of Things

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)	Personal Assistance for Seniors Who are Self-reliant using IoT
2.	Idea / Solution description	The techniques applied are: The most advanced technologies of the Internet of Things, such as Radio Frequency Identification, wearable electronics, Wireless Sensor Networks. Thus, the main novelty of the paper is the system-level description of the platform flexibility allowing the interoperability of different smart devices.
3.	Novelty / Uniqueness	The most commonly measured data include vital signs such as heart rate, blood pressure, and glucose level. It is typically used to collect information and transmit it to a remote server for storage and analysis.
4.	Social Impact / Customer Satisfaction	Smart technologies and the Internet of Things (IoT), have the potential to play a significant role in enabling older people to age in place. And there has been less work done on the role of IoT and ageing in place that more broadly considers caregiving and the built environment.
5.	Business Model (Revenue Model)	We give a solution for elder people who are self-reliant. We assure it can work longer period of time.
6.	Scalability of the Solution	IoT devices offer a number of new opportunities for healthcare professionals to monitor patients, as well as for patients to monitor themselves. By extension, the wearable IoT devices provide an array of benefits and challenges, for healthcare providers and their patients alike. Algorithms may be used to analyze the data in order to recommend treatments or generate alerts.