Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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)	Mechanism to evaluate harmful radiation levels in working environment on human society and suggest measures to improve conditions. Map plotting of earthquake. Mechanism to evaluate Human-Wildlife conflicts in forest areas and develop technologies to mitigate the conflict issues. Assistance Kit for Traffic Controller. IoT based solution for monitoring of pollution through pesticide in fresh fruits and vegetable available in markets.
2.	Idea / Solution description	A solution is **a form of an idea that solves a very specific problem to meet business objectives**. Problem and Solution is a pattern of organization where information in a passage is expressed as a dilemma or the issues converting(a problem) and something that was, can be, or should be done to remedy this issue (solution or attempted solution).
3.	Novelty / Uniqueness	The Internet of Things or IoT is the interconnection of devices through the network. In recent years, its uses have increased considerably, especially those in the construction sector. In turn, **the applications of IoT in construction** have made it possible for other sectors such as the hotelier to benefit. Operators often turn to these intelligent IoT-based solutions to facilitate construction, reduce costs and increase safety.
4.	Social Impact / Customer Satisfaction	The physical influence of IoT on society is also taking place. From remote monitoring of vital body processes to smart sensors that provide real-time data on illnesses to wearable devices that incorporate medical equipment, the Internet of Things is trying to keep us healthier and better health care.

5.	Business Model (Revenue Model)	**Platform business model,** Subscription model,Pay-per-usage model, Asset-tracking model, Outcome-based model, Compliance model, Service-adjacent model, Data-driven model.
6.	Scalability of the Solution	This means that IoT applications must have the ability to support an increasing number of connected devices, users, application features, and analytics capabilities, without any degradation in the quality of service.