

Project Design Phase-I
Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID30027
Project Name	Project – IoT (Enable smart Farming Application)
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)	Cutting Inefficiency and Diagnosing Technical Problems. ... AR Helmets. ... Visualizing Product Design. ... Detecting and preventing machine failures. ... Monitoring crops and farm vehicles. ... Assembly assistance through the use of technical documents.
2.	Idea / Solution description	healthcare, industrial automation, smart homes and buildings, automotive, and wearable technology
3.	Novelty / Uniqueness	Wearable IoT — devices that people can wear as accessories, such as watches, for monitoring an individual’ s activities or vital signs. Household IoT — devices that sit in people’ s homes, such as smart speakers, appliances, and thermostats. Public IoT — devices that are used in public places, such as smart water meters, autonomous

		vehicles, and Bluetooth beacons.
4.	Social Impact / Customer Satisfaction	The IoT helps you improve your relationships with customers by improving their overall experience. You can easily detect the need for maintenance, develop better products, send a personalized communication, and more. The IoT can also help e-commerce businesses to flourish and improve their sales.
5.	Business Model (Revenue Model)	Outcome-based model. Platform based model. Data-based model. Asset sharing model. Service based model.
6.	Scalability of the Solution	IoT scalability refers to the ability to go from prototype to production in a seamless way. When people think of scalability outside the IoT context, they often envision cloud-based e-commerce merchants quickly scaling up their ability to process orders on Black Friday.