

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID39922
Project Name	Smart farming
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Ideally each field should get just the right amount of water at just the right time.Under water causes crop stress and yield reduction.Overwatering can also cause yield reduction and consumes more water and fuel than necessary and leads to soil erosion and fertilizer herbicide and pesticide runoff
2.	Idea / Solution description	It is the idea or it is the solution for managing concept focused on providing the agricultural industry with the infrastructure to leverage advanced technology.
3.	Novelty / Uniqueness	It is about agricultural crops are truly a human mediated form of biodiversity.
4.	Social Impact / Customer Satisfaction	To increase production for all the process related for agriculture and livestock-rearing increase production rates.
5.	Business Model (Revenue Model)	It is to integrate the farms into unified national monitoring and control systems while developing advanced smart farms.
6.	Scalability of the Solution	It refers to the adaptability of a system to increase the capacity.