Project Design Phase-I
Proposed Solution Template

Date	14 october 2022
Team ID	PNT2022TMID01028
Project Name	Project - smart farming agriculture
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)	Iot devices interact with older equipment they have access to the internet connection , there is no guarantee that they would be able to access drone mapping data or sensors readouts by taking benefit of public connection.
2.	Idea / Solution description	Data,tons of data,collected by smart agriculture sensors.Better control over the internal processes and as a result ,lower production risks.Cost management and waste reduction to the increased control over the production.Increased business efficiency through process automation.
3.	Novelty / Uniqueness	It is powered by Arduino,it consists of temperature sensor,moisture sensor,water level sensor,DC motor and GPRS module.It checks the water level,moisture level.It sends SMS alert to phone about levels.
4.	Social Impact / Customer Satisfaction	It gains the knowledge about the sensors.Cost management and waste reductionto the increased control over the production.
5.	Business Model (Revenue Model)	To enable producers and farmers to reduce waste and improve productivity by optimizing the usage of fertilizers to boost the efficiency of plants. It gives better control to the farmers for their livestock.
6.	Scalability of the Solution	It is consists of temperature sensor,moisture sensor and check the water level. It sends SMS alert to phone about levels