

Project Design Phase 1
Proposed Solution Template

Date	21 October 2022
TeamID	PNT2022TMID07140
Project Name	IOT Based Smart Crop Protection System For Agriculture.
MaximumMarks	2Marks

ProposedSolutionTemplate:

S.No	Parameter	Description
1.	ProblemStatement(Problemto be solved)	Develop an efficient system & an application that can monitor and alert the users(farmers)
2.	Idea/Solution description	<ul style="list-style-type: none"> ➤ This product helps the field in monitoring the animals other disturbance ➤ In several areas, the temperature sensors will be integrated to monitor the temperature & humidity ➤ If in any area feel dry or wetness is detected by sensors, will be notified along with the location in the web application
3.	Novelty/Uniqueness	<ul style="list-style-type: none"> ➤ Fastest alerts to the farmers ➤ The increasing demand for quality food ➤ User friendly
4.	Social Impact/Customer Satisfaction	<ul style="list-style-type: none"> ➤ Easy installation and provide efficient results ➤ Can work with irrespective of fear
5.	Business Model(Revenue Model)	<ul style="list-style-type: none"> ➤ As the product usage can be understood by everyone, it is easy for them to use it properly for their safest organization ➤ The product is advertised all over the platforms. Since it is economical, even helps small scale farming land from disasters.
6.	Scalability of the Solution	<ul style="list-style-type: none"> ➤ Even when the interruption is more, the product sends the accurate location and alerts the farmers effectively