

**Project Design Phase**  
**Proposed Solution Template**

Date	21 October 2022
TeamID	PNT2022TMID23722
Project Name	IOT Based Smart Crop Protection System For Agriculture.
MaximumMarks	2Marks

**ProposedSolutionTemplate:**

S.N o.	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"> <li>➤ This product helps the field in monitoring the animals other disturbance</li> <li>➤ In several areas, the temperature sensors will be integrated to monitor the temperature &amp; humidity</li> <li>➤ If in any area feel dry or wetless is detected by admins, will be notified along with the location in the web application</li> </ul>
3.	Novelty/Uniqueness	<ul style="list-style-type: none"> <li>➤ Fastest alerts to the farmers</li> <li>➤ The increasing demand for quality food</li> <li>➤ User friendly</li> </ul>
4.	Social Impact/Customer Satisfaction	<ul style="list-style-type: none"> <li>➤ Easy installation and provide efficient results</li> <li>➤ Can work with irrespective of fear</li> </ul>
5.	Business Model(Revenue Model)	<ul style="list-style-type: none"> <li>➤ As the product usage can be understood by everyone, it is easy for them to use it properly for their safest organization</li> <li>➤ The product is advertised all over the platforms. Since it is economical, even helps small scale farming land from disasters.</li> </ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>➤ Even when the interruption is more, the product sense the accurate location and alerts the farmers effectively</li> </ul>