

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID38557
Project Name	IOT Based Smart Protection System for 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)	➤ 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	➤ Even when the interruption is more, the product sense the accurate location and alerts the farmers effectively