Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID17561
Project Name	IoT-Based Smart Crop Protection System for Agriculture
Maximum Marks	2 Marks

S.No	Parameters	Description
1.	Focused Area	Smart techniques for crop protection
2.	Problem Statement	Develop smart & affordable solution to protect crops from wild animals as well as fire. (Technology: IoT)
3.	Output	With the help of technologies crops are protected from wild animal attacks. Provide alerts on any crop damage in case of fire and animal destruction.
4.	How does it help	In our region the major Agricultural production are vegetables like Tomato,Brinjal,Chilli etc., sometimes greens like Corriander leaves,may be sometimes Maize which are often attacked by Peacocks and Parrots.And sometimes the Heap of Maize may also be affected by fire,so implementing IoT in crop protection may help farmers get rid of all these problems

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Farmer	Monitoring the insects without harming crop	It involves risk on related equipment and understand the use of technology	Requires more knowledge and skills	Frustrated
PS-2	Farmer	To increase productivity	No clarity	Animals destroy the crops	Worried