

**Ideation Phase**  
**Define the Problem Statements**

Date	16 October 2022
Team ID	PNT2022TMID52180
Project Name	IOT based Smartcrop Protection System in Agriculture
Maximum Marks	2 Marks

**Customer Problem Statement Template:**

<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	Farmer-1	Built agricultural fences	It can be an eyesore, which defeats the purpose of keeping livestock in and predators out.	It is injurious to animals and human beings.	Troubled

PS-2	Farmer-2	Add more fertilizers to the soil	It hardens the soil and reduces the efficiency of the field and pollutes other resources like water.	Overuse of fertilizers in agricultural land.	Distressed
PS-3	Farmer-3	Spray pesticides to crops	Increase the crop productivity as well as it may harm	It reduces the soil fertility.	Listlessness

			the beneficial insects and they are a hazard to the children, adults etc.		
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PS-4	Farmer-4	Irrigation	High initial cost, cannot be adopted by ordinary farmers and the water should be free of debris.	It needs high skill in design, installation, and subsequent operation.	Annoyed
PS-5	Farmer-5	Plant protection	The crops in the field which increase their yield as well as decrease the growth due to climatic condition.	The change in climatic conditions and the increase in fertilizers level.	Upset