

Ideation Phase

Define the Problem Statements

Date	15 October 2022
Team ID	PNT2022TMID12127
Project Name	SmartFarmer - IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

Customer Problem Statement Template:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Farmer	Irrigate	The marshes and the ponds in course of time become the colonies of the mosquito, which gives rise to a disease like malaria	Excessive seepage and leakage of water forms marshes and ponds all along the channels	unpleasant
PS-2	Farmer-2	Increase cultivation	Results in low yield	Death of plants due to diseases.	Frustrated
PS-3	Farmer-3	Increase my Income	Took a loss only	Results in very low income	Infuriated

PS-4	Farmer-4	Increase fertility of the soil	leads to destructionof the crop as well as reduces the efficiency of the field increasing the soil vulnerability toward pest.	Overuse of pesticides and fertilizer inagricultural fields	Annoyed
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PS-5	Farmer-5	Grow my crops well	Changing climate negatively impacts crop growth and yields	This leads to more occurrences of extreme events such as droughts (moisture deficits) and floods (moisture surpluses).	Pressurized
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