

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID17581
Project Name	SmartFarmer- IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

Customer Problem Statement:

Mr. Aravinth is a farmer with an engineering background. He's moved into agriculture with his father. Since he is a beginner in farming, he needs someone to guide him in the initial years and he plan to incorporate technology into farming to reduce the work and labour, improve productivity, more yield, suggestions to improve soil, and next crop planting ideas. He is actively researching a few agro products that solve his problem. These problems are common to many beginning and experienced farmers.

Example:

PS:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a farmer	keep crops healthy and organic	I am facing difficulties in knowing about the climatic changes, soil moisture content and also controlling irrigation pumps	I am not having enough information and technological knowledge to solve this issue	To find a solution
PS-2	a farmer	implement IoT in farming to monitor climatic changes	I am not able to find the required components	Because the farm is in a rural area and the components are costly	disappointed