

Ideation Phase

Define the Problem Statements

Date	08 October 2022
Team ID	PNT2022TMID07205
Project Name	Project – SMART FARMER(IoT Enabled Smart Farming Application)

CUSTOMER PROBLEM STATEMENT:

- ✓ Farmer are to be present at farm for its maintenance irrespective of the weather conditions.
- ✓ They have to ensure that the crops are well irrigated and the farm status is monitored by them physically.
- ✓ Farmer have to stay most of the time in field in order to get a good yield.
- ✓ In difficult times like in the presence of pandemic also they have to work hard in their fields risking their lives to provide food for the country.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Farmer	Control the farm from anywhere of the world	It doesn't have any way for that	Internet bandwidth is low in villages	Frustrated
PS-2	Farmer	Visualize the farm from home	It doesn't have any way for that	It is expensive	wealthless
PS-3	Farmer	Visualize, control and operate the farm from home or anywhere from the world	It doesn't have any way for that	That facilities are not available in village and also for big farms	Restless and unhealthy