Ideation Phase Define problem Statement

Date	1 November 2022		
Team Id	PNT2022TMID12914		
Project Name	SmartFarmer - IoT Enabled Smart Farming Application		

Problem Statement:

The problem statement is overall queries given by farmers locally collected information by physical interaction of our team members with farmers. From the details given by farmers, the frequent problems faced by farmers are irregular irrigation of crops, low level of nutrient and mineral, labor cost, time consumption, and low level of productivity.

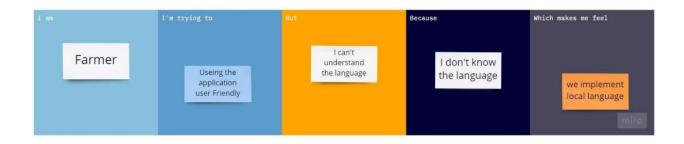
Solution:

Based on the queries given by farmers, the solution is smart farming system Where the irrigation period can be monitor, nutrient can be improved by active testing of minerals by comparing with previous data,IOT based system reduces time consumption,increases productivity,reduces labor cost.

Ps:







Problem statement	I am (Customer)	I'm trying to	But	because	Which makes me feel
PS 1	Farmer	Keep crops healthy and organic	Faces difficult in determining the climate changes and moisture condition	I am not enough having information of technologies	To find solution
PS 2	Farmer	Using anywhere anytime the devices	I cannot use in rural areas	There don't know about it	frustration
PS 3	Farmer	Using the application users friendly	I can't understand the language	I don't know the language	We implement local languages