

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID35659
Project Name	SmartFarmer - IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

I am	I'm trying to	But	Because	Which makes me feel
Farmer	Automate irrigation system in my farm	Do not have a proper efficient, cost effective and reliable system	All existing technologies are complex or not feasible	Tiresome and dejected

I am	I'm trying to	But	Because	Which makes me feel
Farmer	Get to know details of moisture, humidity, temperature, pH without going to the farm	Manual checking of such data is not possible all the time	Time consuming and not feasible	Wasted and frustrated as wastage of time

I am	I'm trying to	But	Because	Which makes me feel
Farmer	Set proper thresholds for each crop for automatic irrigation and other properties	No such technology system is available	At present everything is manual	Irritated as crop yield is poor and money is wasted