

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID52627
Project Name	Project -IoT enabled Smart Farming Application
Maximum Marks	2 Marks

IOT enabled smart farming Application

- IoT-based agriculture system helps the farmer in monitoring different parameters of his field like soil moisture, temperature, and humidity using some sensors.
- Farmers can monitor all the sensor parameters by using a web or mobile application even if the farmer is not near his field. Watering the crop is one of the important tasks for the farmers.
- They can make the decision whether to water the crop or postpone it by monitoring the sensor parameters and controlling the motor pumps from the mobile application itself.

Customer Problem Statement Template:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Farmer	Secure the crops in the field from temperature, humidity and pests and automatically watering the crops.	The devices available in the market doesn't provide a complete solution as in monitoring.	There are some issues in the existing sensors in monitoring the fields	That my crops are Less protected