Ideation Phase
Define the Problem Statements

Date	October 2022
Team ID	PNT2022TMID18437
Project Name	Project - Smart Farmer - IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

I am	Commercial Farmer	Farmer who produces crops, fruits, vegetables, cereals and pulses in large scale
I'm trying to	Increase Yield	Periodic monitoring and timely actions will increase the yield of produce and reduces chances of crop failure
But	Fail to take actions	Proper actions couldn't be taken due to lack of a comprehensive monitoring of each and every region of the field
Because	Difficulty in monitoring	Large scale of the farm makes it difficult to monitor the entire farm and take timely actions
Which makes me feel	Demoralized	Profit is what sought after in a business so missing the opportunity to make more money demoralizes a business man

I am	Subsistence Farmer	Farmer who grows crops only for their own use, without any surplus for trade
I'm trying to	Irrigate efficiently	Due to lack of abilities to know the soil moisture of the field, farmer tend to over irrigate or under irrigate the field
But	Inundate the fields	To prevent dryness, they tend to over irrigate the field and also require to manually on the motor
Because	Lack of water flow control	Lack of motor control makes the farmer unable to operate motor based on soil moisture and weather conditions
Which makes me feel	Helpless	Subsistence farmers couldn't afford to employ people to monitor the farm continuously so are helpless

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Commercial farmer	Increase the yield	Fail to take actions	Difficulty in monitoring	Demoralized
PS-2	Subsistence farmer	Irrigate efficiently	Inundate the fields	Lack of water flow control	Helpless