Project Design Phase-I
Proposed Solution

Date	19 October 2022
Team ID	PNT2022TMID04540
Project Name	Project – Smart Farmer-IoT enabled smart farming application.
Maximum Marks	2 Marks

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To reduce the wasting of water for this tedious task, an intelligent irrigation system is urgently needed. IoT devices are deployed in the crop field to precisely collect the ground and environmental details.
2.	Idea / Solution description	Forecasted weather data are integrated with these predicted attributes to reduce the irrigation error. To provide the required amount of water to the crop field
3.	Novelty / Uniqueness	These systems barely capture the data from the land and subsequently controls the electric motor for watering the land.
4.	Social Impact / Customer Satisfaction	It is better than the present modern irrigation system by using this method we can control waste water issue.
5.	Business Model (Revenue Model)	As the productivity increases customer satisfaction also increases and hence need for the application also increases, which increases the revenue of the business.
6.	Scalability of the Solution	It is definitely scalable we can increase the constraints when the problem arises.