Project Design Phase-I
Proposed Solution

Date	24.10.2022
Team ID	PNT2022TMID05266
Project Name	Project - IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To deal with humidity, climate change and soil erosion. To satisfy the agricultural needs and expectations.To solve the Fear of investing in farm productivity.
2.	Idea / Solution description	By using Internet of thing,we can estimate the humidity and conditions. IoT in agriculture can be helpful in tracking soil temperature, soil moisture, and soil nutrients to enhance crop productivity.
3.	Novelty / Uniqueness	The IoT should increase the control over productivity and enable management of a greater number of resources through remote sensing. The smart farming should be much more efficient than our traditional farming.
4.	Social Impact / Customer Satisfaction	Smart farming makes it possible to increase the quality and minimize the environmental effect. It should support livelihoods through food, habitat, and jobs and providing raw materials for food and other products.
5.	Business Model (Revenue Model)	The smart farming devices designed in such a way that should be profitable compared to traditional farming methods and the device should be reusable. The cost of the devices should be less compared to cost required for traditional farming. Hence the product must be profitable it does not make losses in any cases.
6.	Scalability of the Solution	The ability of the devices to increase or decrease in performance and cost in response to changes in application. The property of a device to handle a growing amount of works by adding resource to system.