Project Design Phase-I
Proposed Solution

Date	23 September 2022
Team ID	PNT2022TMID33475
Project Name	Project – SmartFarmer – IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In agriculture, there are two major problems one is unpredictable climate change and another one is the yields of the crops that have been damaged by animals, birds, insects, and some crop diseases. These two problems affect the total agriculture production and farmers made a loss. Our project will give the solution to overcome these problems with help of modern technology namely the Internet of Things (IoT).
2.	Idea / Solution description	In our idea, we collect the data from various sensors to identify the soils nutrition content, moisture content, weather conditions etc.
3.	Novelty / Uniqueness	In this project, we are analysing the crops which is affected by any disease or not and give remedies to cure this disease to user.
4.	Social Impact / Customer Satisfaction	Our project gives remedies and suggestions to the user in earlier.
5.	Business Model (Revenue Model)	Smart farming is an advanced and innovative way to get maximum cultivation and minimize the human efforts.
6.	Scalability of the Solution	Our project gives more cultivation with efficient usage of resources and high profits to users.