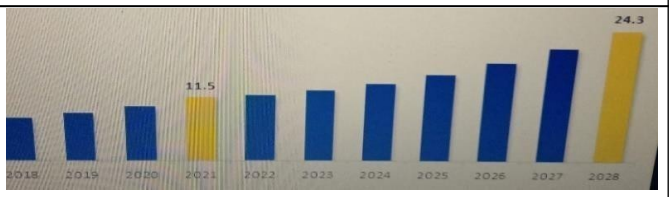
Project Design Phase-1

Proposed Solution

Date	19 october 2022
Team ID	PNT2022TMID40841
Project Name	Project – IOT Based Smart Crop Protection System for Agriculture

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Usually crops in the fields are protected against birds and other unknown disturbances by humans. This take an enormous amount of time.Creating a smart automatic system will benefit the farmers in many different ways.
2.	Idea / Solution description	Smart Farming has enabled farmers to reduce wasteand enhance productivity with the help of sensors (light, humidity, temperature, soil moisture,etc..).
3.	Novelty / Uniqueness	Role of SENSORS : IOT smart agriculture products are designed to help monitor crop fields using sensors and by automating irrigation systems. As a result, farmers and associated brands can easily monitor the field conditions from anywhere without any hassle.
4.	Social Impact / Customer Satisfaction	Water conservation . Saves lot of time . Increased quality of production. Real time data and production insight. Remote monitoring.
5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	Scalability in smart farming refers to the adaptability of a system to increase the capacity , the number of technology as such as sensors .