DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IBM NALAIYA THIRAN PROJECT

Project Design Phase-I

Date	30 September 2022
Team ID	PNT2022TMID03479
Project Name	IoT Based Smart Crop Protection System for Agriculture
Maximum Marks	2 Marks

Solution Architecture:

Modern agriculture companies based on irrigation have become indispensable to Indian agriculture in recent years. With the help of this proposed technology, it is possible to accurately regulate the soil moisture, water level, humidity, and temperature of plants, thus improving the fertility and avoiding any interference of any threats like animals. It is possible for large farms to experience these variables varying from location to location because of varying atmospheric conditions, which makes it extremely difficult to maintain uniformity from one location to another. Using an Android phone as an advanced system is now possible for the first time, offering the possibility of maintaining constant environmental conditions and threat conditions.

Solution Architecture Diagram: