

Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID04704
Project Name	Project - SmartFarmer - IoT Enabled Smart Farming Application
Maximum Marks	4 Marks

Solution Architecture:

In today's era of IoT, lots of new research in terms of Smart IoT based product's development is being carried out to facilitate Smart Farming in terms of Crop Management, Pest Management, Agriculture Precision, Agriculture Fields Monitoring via Sensors and even Drones.

In this proposed solution, Smart IoT based Agricultural stick being developed for live monitoring of Temperature, Moisture using Arduino, Cloud Computing and Solar Technology is discussed.

Required things:

- Arduino Board
- ESP 8266
- Bread Board
- Bread Board Power Supply
- Battery
- Temperature Sensor
- Soil Moisture Sensor

Example - Solution Architecture Diagram:



