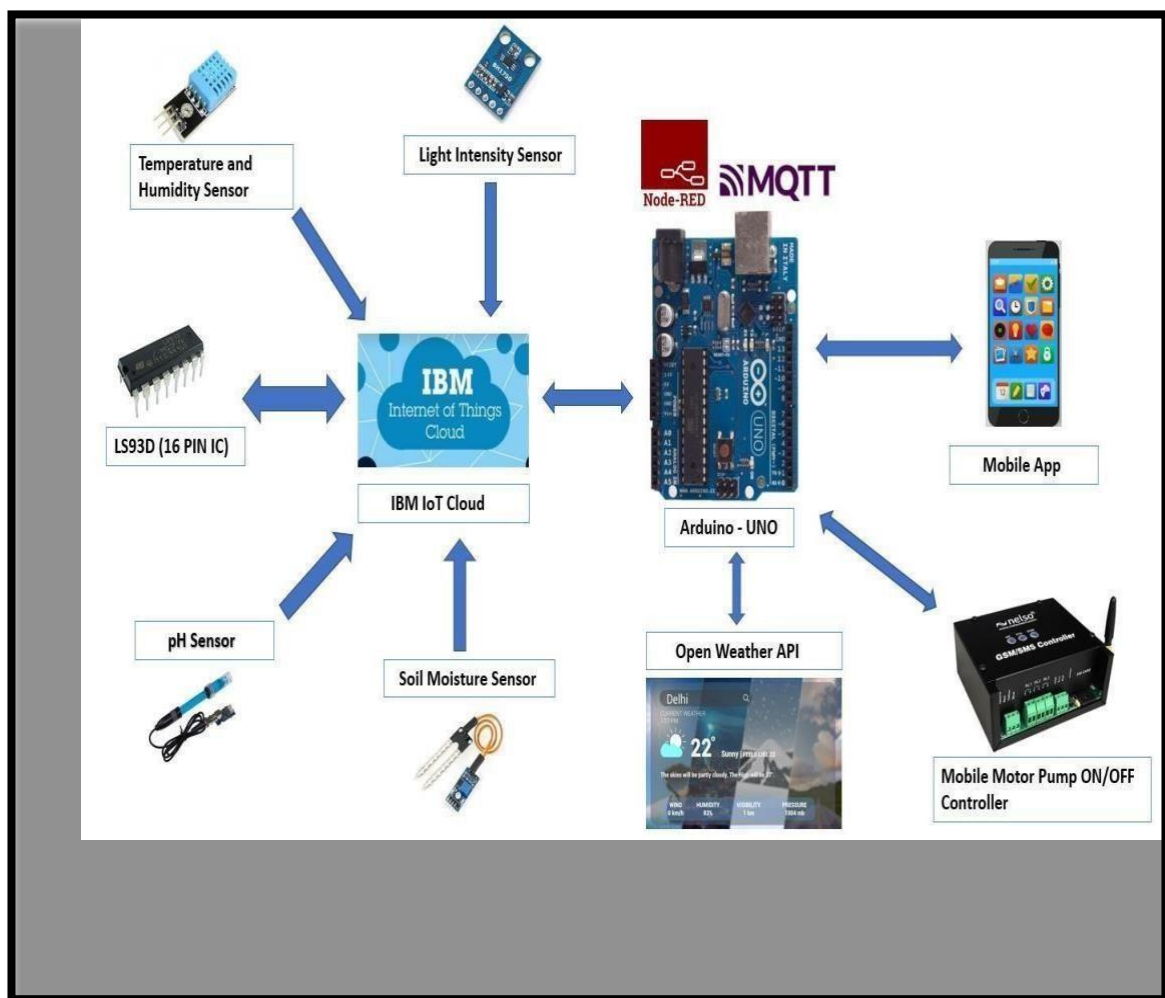


Solution Architecture

Date	21 October 2022
Team ID	PNT2022TMID44579
Project Name	IOT based smart crop protection system for agriculture
Maximum Marks	4 Marks



Key points:

- The different soil parameters (temperature, humidity, light intensity, pH level) are sensed using different sensors and the obtained value is stored in IBM cloud.
- Arduino uno is used as a processing unit which processes the data obtained from sensors and weather data from weather API.
- Node red is used as a programming tool to wire the hardware, software and APIs. The MQTT protocol is followed for communication.

Agriculture IoT reference architecture

