SmartFarmer - IoT Enabled Smart Farming Application

[SOLUTION ARCHITECTURE]

Web UI

To get the temperature

Temperature Sensor

Humidity Sensor

Arduino Uno

Rasberry Pi

IBM Watson IOT platform

IBM Cloud Platform

Node RED

Field

To get the moisture content

Moisture Sensor

Water Pump
for watering the field

Zigbee Module

To switch on the pump

wireless

MIT APP

USER