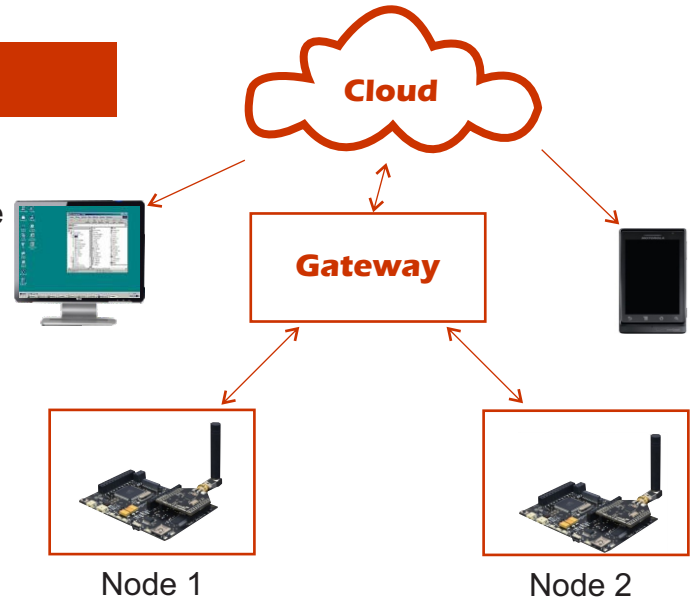


# INTERNET OF THINGS DEVELOPMENT SYSTEM

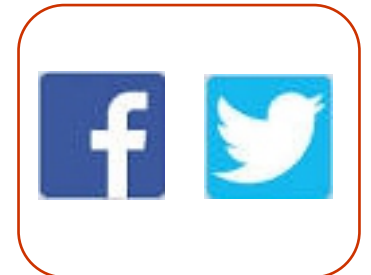
## Functional Properties

- Interoperation among diverse sensor.
- Demands a complex distributed architecture communicating over Internet
- Uses numerous diverse components
- Context detection & Analysis.
- Device discovery and management.
- Security and privacy.
- Managing data volume.
- Providing unique application plug-in interface



## Technical Specification

| S.No | Parameter        | Features                          |
|------|------------------|-----------------------------------|
| 1    | Controller       | AT Mega 2560, BMC 2836            |
| 2    | Sensor Protocols | Anolog, Digital, SPI, I2C Serial  |
| 3    | Communication    | Ethernet, Wi-fi                   |
| 4    | Cloud            | IBM Blue mix, Things speak, Blynk |
| 5    | Actuator         | Motor, Relay, pnumatic, buzzer    |



## Learning

- (1) IOT in agricultures.
- (2) IOT in smart house
- (3) IOT in smart garden
- (4) IOT in automation
- (5) Controlling actuator form cloud
- (6) Implementing networking through cloud
- (7) Preparing apps on the cloud for IOT



Internet of things



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