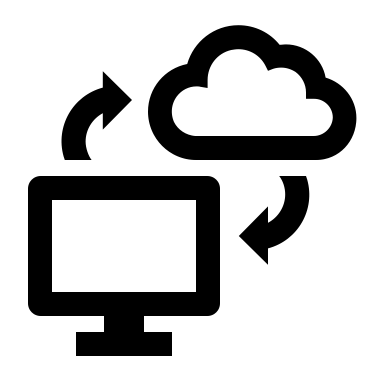
Brief Design of Aquaponics Fish Pond IoT System



6. Sensor

MQ-135 Nitrate

Sensor

5. Sensor

MQ-137 Ammonia Sensor

4. Sensor

DF Robot pH V2.2

SEN0161-V2

3. Sensor

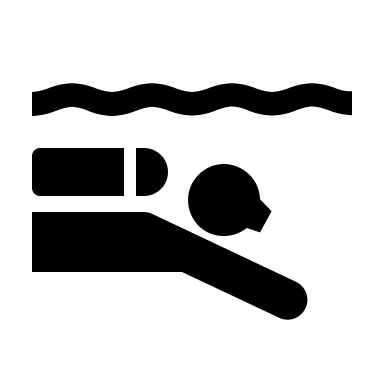
DF Robot Dissolved Oxygen SEN0237

2. Sensor

DF Robot Turbidity SEN0189

1. Sensor

Dallas Instrument Temperature DS18D20

Fish Pond



HTTP

TCP/IP

External RAM

ESP 32 MCU integrated with WIFI and Bluetooth