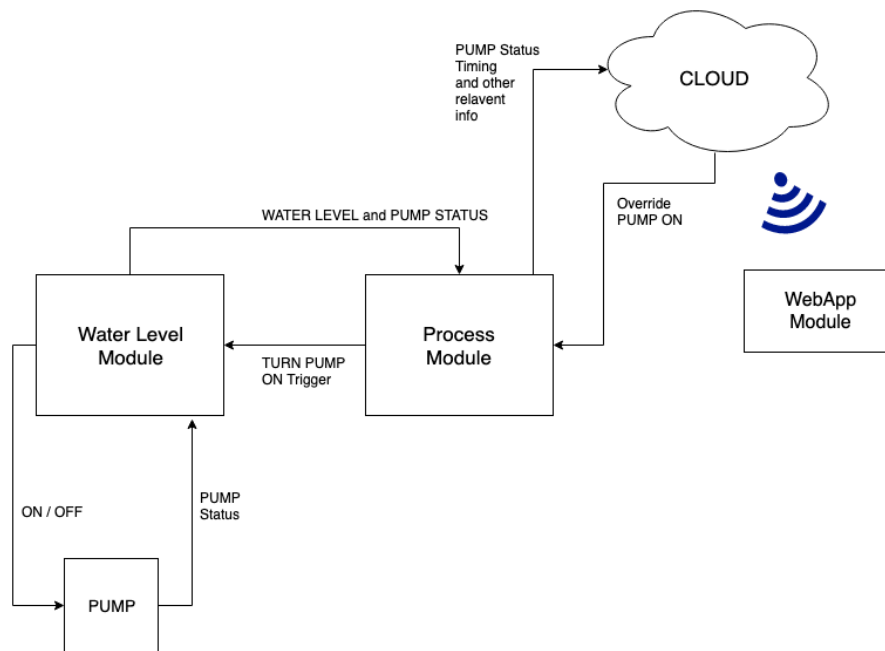


# IOT Based Water Level Indicator

## Introduction

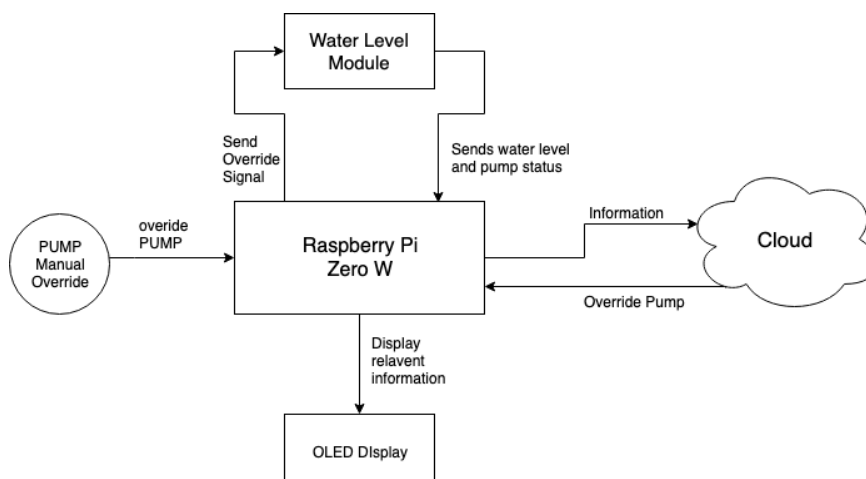
The IOT based water level indicator is a device for automating the water pump.



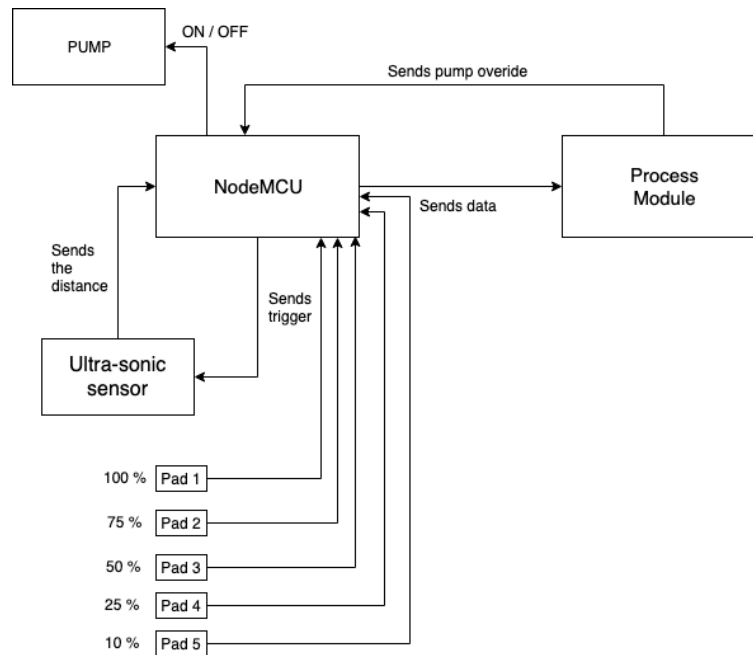
The device can be divided into 3 Modules:-

- Process Module
- Water Level Module
- WebApp Module

The Process Module is powered by a Raspberry Pi Zero W and OLED display. The display shows water level, pump status, time and other related information.



The Water Level Module is powered by a NodeMCU, relay, ultrasonic sensor and pads. The module sends the water level and pump status.



The WebApp module shows the pump logs and other related information. The user can also turn pump on and off remotely.