

ABSTRACT

Water is a very important thing to support all species in the world, without water life can't evolve until this phase, including the human. Human is need water for daily life, to drink, industrial needs, and etc. Lately, so many people using a purifying water tool at their house due to the water quality is worsen every time. Although they have used that purifying water-tool, they still can't figure it out exactly the indicator of the water they have purified. This monitoring system for purifying water will using the calibrated sensor which is connected to the microcontroller. The sensors will detect the water indicator that have purified and the one that haven't and show the result to the user in order for them to know the measurement. If the water indicator is still under the threshold that set by user, then the buzzer and LED will turned on and so the otherwise. Therefore, the water quality hoped to increase and the people can care more about their water quality that have been purified.

Keywords : Sensors, Microcontroller, Monitoring System, Water Purifying