

WATER LEVEL MONITORING

ABSTRACT

A water level indicator is used to detect and indicate the water level in an overhead tank or any other water container. In this project we investigated the design of a water level sensor device using Arduino UNO, that can detect the level of water in the water storage system. An ultrasonic sensor is used to generate ultrasonic waves, a water sensor to detect water level, LED for signify the importance of different water levels, PC or Smart phone to observe the levels of water. We indicate a green LED for safe water level, one red LED for about to reach max level and two red LEDs for maximum water level. This circuit is efficient and can be used for any application involving levels of any liquid.