Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

WATER ESTIMATION BY ULTRASONIC SENSOR

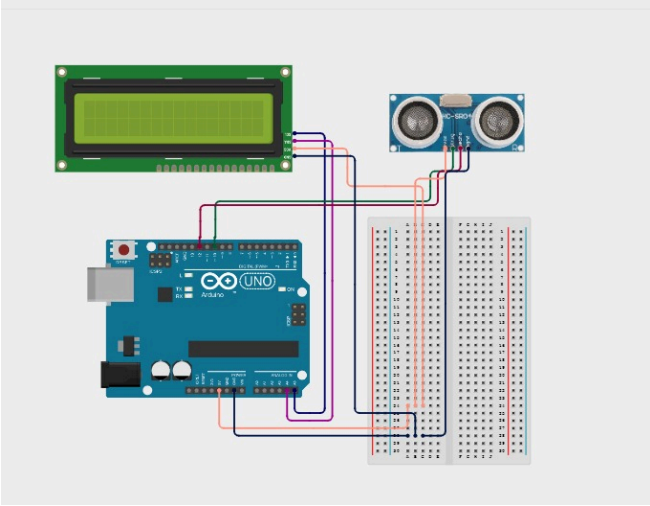
Objective :-

"Water Estimation by Ultrasonic Sensor," presents an innovative and cost-effective solution to existing water management methods using an Arduino Uno, ultrasonic sensor, and LCD display to monitor and estimate water levels in real-time.

Engineering Relevance :-

By leveraging the ultrasonic sensor's ability to measure the distance to the water surface through sound wave reflection, the system calculates the water level without any physical contact. The Arduino processes this data and displays it clearly on an LCD I2C screen, providing users with an easy-to-read, up-to-date water level indication

Block Diagram :-



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