SMART WATER LEVEL INDICATOR

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ABSTRACT

Final Year Project 2 is a mandatory course that must be taken by the final semester students of the Faculty of Electrical and Engineering. The main purpose of this course is to discover our skills and ability in electrical engineering. As we have been studied all those theory, this is the time for us to apply it practically. Our project is an innovation from the common water level indicator and will perform the reverse function of it. The output will be indicated through the LED and also LCD. The main objective of us to make this project is for the water conservation purpose. In order to make a progress for this project, we have been work in partner. All the works are given equally to make sure that it can be done on time.

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1.1 BACKGROUND STUDY

Water is very important in human's life. We can say that water is necessary in order to do most of our daily activities. Can we imagine a day without water? It will be more difficult to us when we have to face the situation when we are run out of water supply. Although there is a tank that has been installed in our house, but there is also a possibility that the water will empty.

Basically, the water level indicator that now in the market has the function of detecting the level of water when it rises up into the tank. Besides, it is also to prevent the water from overflowing from the tank. Most of them have the same function. Therefore, we come out with the idea to innovate the water level indicator that has been in the market. Our smart water level indicator is a kind of tank that will detect the water when it flows out from the tank and provide information for user to know the level of water in their tank.