

WATER LEVEL AND TEMPERATURE DETECTOR FOR
FISH POND

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ABSTRACT

The farming is really needed in human's life. Fish farming involves raising fish commercially in tanks or enclosures usually for food. It is the principal form of agriculture. There is an increasing demand for fish and fish protein. Fish farming is one of them that is play a big role in a farming. There have some problem in fish farming such as temperature increase and lack of water during hot day. A project that will solve these problems was named Water Level and Temperature Detector for fish pond. The project will start with an empty pond until the suitable level for pond while controlling water temperature in the pond. Float switch give the main effect to control the water level and maintain the water. This project also can detect the temperature of the pond by using temperature sensor (DS18B20) and Arduino circuit. Then, the buzzer will start active when the temperature reach the limit. As a conclusion, this project will give a better place for all fish and easy to handling the fish pond. By using all the application, the user can make sure all their fish will be in the suitable places. The user also can save a lot of cost.

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