Safety Fish Pond

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ABSTRACT

Due to recent technology, there is a need in the level of safety to be upgrade. For this project, it focus the safety at the fish pond. Safety Fish Pond is an innovation project that can be apply anywhere especially in our country, Malaysia. This project use arduino uno microcontroller to act as brain in the circuit. It needs 9V DC power supply to be activated. Moreover, there are jumpers act as the sensor to detect the water level. When the water hit the jumpers, it will connect the circuit and produce current . The sensor programmed to detect flood in three level: low level, middle level, and high level. Low level is at 5 meter, middle level is at 7 meter, and high level 8 meter. When the sensor detect low level, the LED will turn on. At the middle level, the buzzer will be turn on and produce sound to inform the owner that the flood has occur. At the high level, the circuit will run the motor to increase the net to avoid fish getting out from pond area.