

Smart Fish Feeder

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Abstract: *As we know the most common problem that we face when we try to keep our pet always eat at the right time is that we have no time to feed our pet because we are too busy with other things. Animals also have health to take care for keep our pet alive because we don't have time for them. For this We will develop a prototype, which is to keep our pet alive by which we monitor status of food every day, but it's impossible to monitor pet every day. We have used internet of technology to make this project NodeMCU (ESP8266) allows to connect the sensor and send the food condition to user also can giving food by activating the servomotor to release food for pet. The power supply that we have used for this project is 9 volt power supply to support the servo motor as output while ultrasonic as the input. Every signal will go through NodeMCU. So, NodeMCU is the heart of the circuit as it controls all the functions. In order to replace manual activities and make work easier, we have created smart fish feeder. By allowing the user to feed his fish any time in a single click.*

Keywords: Prototype, Node MCU, Sensors, Servometer, Ultrasonic

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