

# ***IOT-BASED AUTOMATIC LOVEBIRD BIRD FEEDING AND BATHING PROTOTYPE DESIGN***

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## ***ABSTRACT***

*Some of the Indonesian people are very happy to keep birds. Many of them have a hobby of keeping ornamental birds, because keeping them does not require a large area and is not difficult. The problem for keeping birds is when you want to travel for a long period of time. Currently, the process of feeding birds is still done manually. Based on these problems, we need a system that can support the availability of feed and drink for birds and can schedule automatic feeding and drinking equipment. In this study, the designer of an IoT-based automatic bird feeder, uses the Blynk application which is connected to Arduino and the Wifi Node Module MCUESP8266 on the device.*

***Keywords:*** *Wifi Node Module MCUESP8266, Ultrasonic, ISD 1820 Module.*