

ABSTRACT

Raising ornamental fish is an activity that is currently favored by the community. However, in raising ornamental fish there are obstacles faced by fish keepers, namely the difficulty of providing fish feed regularly due to a variety of busy activities. For this reason, the aim of this final project is to design an Blynk based automatic fish feeder that is connected to a servo motor to drive the feed container, so that keepers can feed ornamental fish without having to sprinkle feed into the aquarium manually. The research method used is to design the overall system and perform testing and analysis. The results of this final project indicate that the provision of fish feeders has worked well based on the overall system testing carried out, that is from 28 days of experimental data, there are 22 days of data that are successfully read, feed automatically with the remaining 6 days, data that is read doesn't work feed.

Keywords: Automatic Fish Feed, Internet of Things, NodeMCU ESP8266