Abstract

Smartphone cat feeders are intended to facilitate breeders to feed their cats during rush hours or when they are away from home. Determine the amount of feed given in each cycle. Issue a report on the amount of food consumed each month. Press the button to feed. Detects the amount of food in the tray and alerts via LINE application. Development tools include Arduino Program Line Program Google Sheet Program ESP32 Node MCU Screw Shiel ESP32 DC Motor L298N PushbuttonSwitch Tracker Sensor

The results of the test performance of the cat feeder via smartphone had an average accuracy level of 89.99 and an average error of 10.01 was found due to the stability of the internet signal.

Keywords esp32 feeder smartphone