LAMPIRAN

Lampiran 1. Coding keseluruhan

```
#define BLYNK_PRINT
Serial #include
<ESP8266WiFi.h>
#include
<BlynkSimpleEsp8266.h
>#include <Servo.h>
#define
triggerPin
D8#define
echoPin          D7

Servo
servo;
WidgetLC
D lcd(V5);

char auth[] ="dLHscSo-Jtg-K2t1luRSSfiAabWuChcf";//Enter your Blynk
auth tokenchar ssid[] ="Samsung Galaxy A22";//Enter your WIFI name
char pass[] ="12345677";//Enter your WIFI password


void setup()
{
  Serial.begin(9600);
```

```
Blynk.begin(auth,
ssid, pass);
servo.attach(D5 );
servo.write(75);
pinMode(triggerPin,
OUTPUT);
pinMode(echoPin,
INPUT);
```

```
  lcd.clear();
  lcd.print(0, 0, "Jarak Pakan Cm");
}

void loop()
{ lcd.clear();
  lcd.print(0, 0, "Jarak
  Pakan Cm");long
  duration, jarak;
  digitalWrite(triggerPin,
  LOW);
  delayMicroseconds(3);

  digitalWrite(triggerPi
  n, HIGH);
  delayMicroseconds(1
  2);

  digitalWrite(triggerPin,
  LOW); duration =
  pulseIn(echoPin, HIGH);
  jarak = (duration / 2) /
  29.1; Serial.print(jarak);
  Serial.println("Cm");
  lcd.print(7
  , 1, jarak);
  Blynk.run
  ();
  delay(3500);}
```

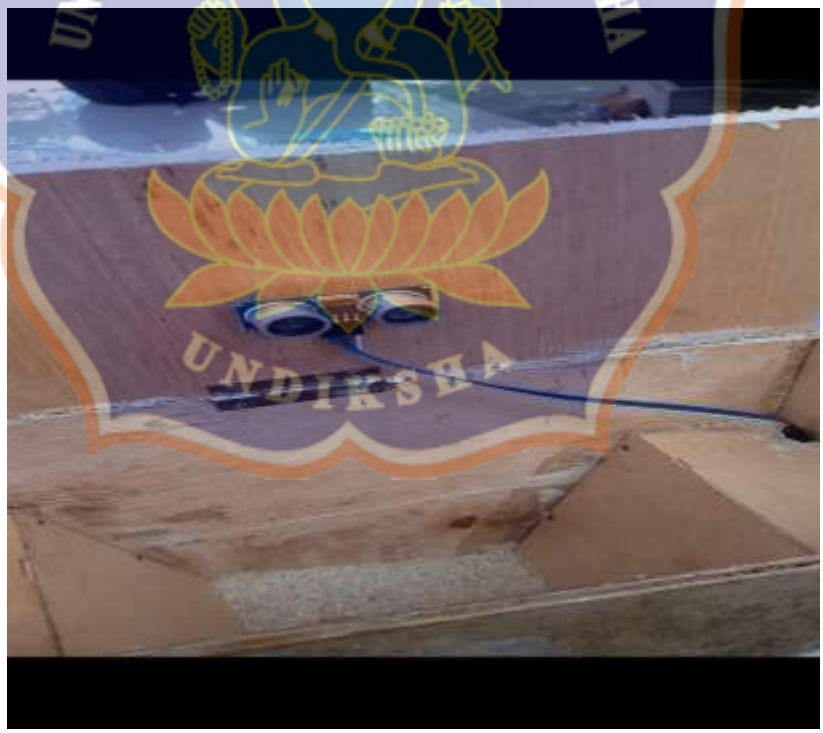
```
BLYNK_WRITE(V1)
{
  servo.write(param.asInt());
}

BLYNK_WRITE(V2)
```

```
{
  servo.
  write(
  130);
  delay(
  500);
  servo.
  write(
  75);
}

BLYNK_WRITE(V3)
{
  servo.
  write(1
  50);
  delay(
  1000);
  servo.
  write(7
  5);
}

BLYNK_WRITE(V4)
{
  servo.
  write(
  180);
  delay(
```

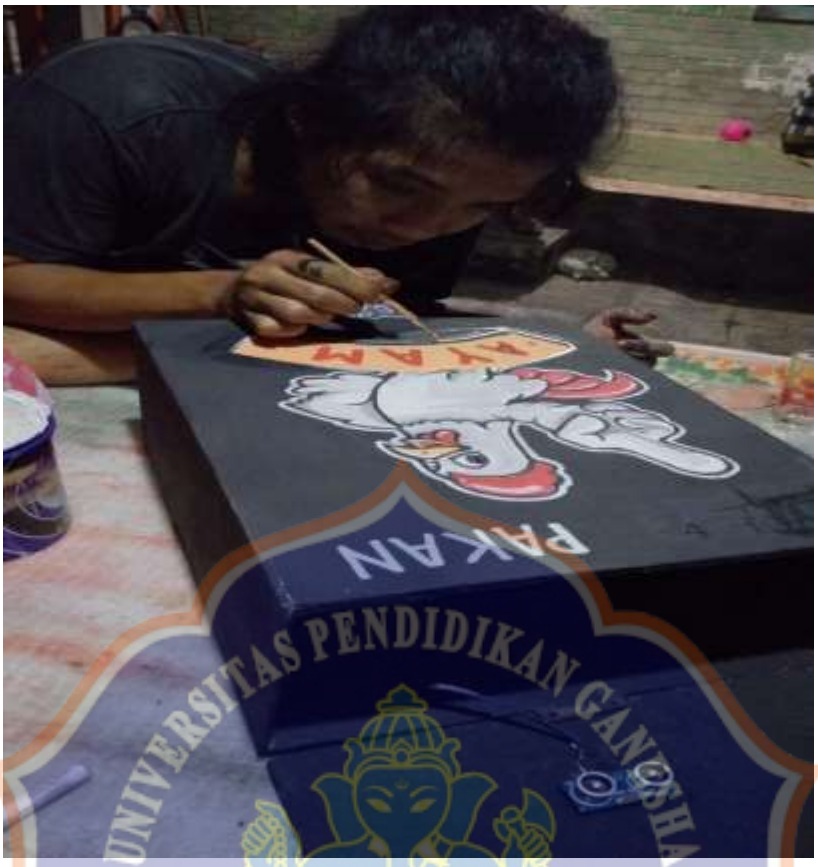
```
  1500);
  servo.
  write(
  75);
}
```

Lampiran 2. Dokumentasi pembuatan alat

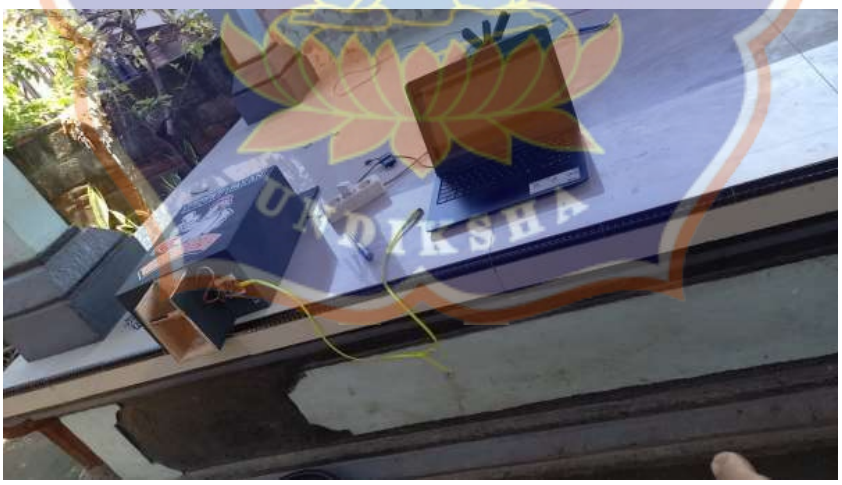
Gambar 1. pembuatan tempat *box* pakan



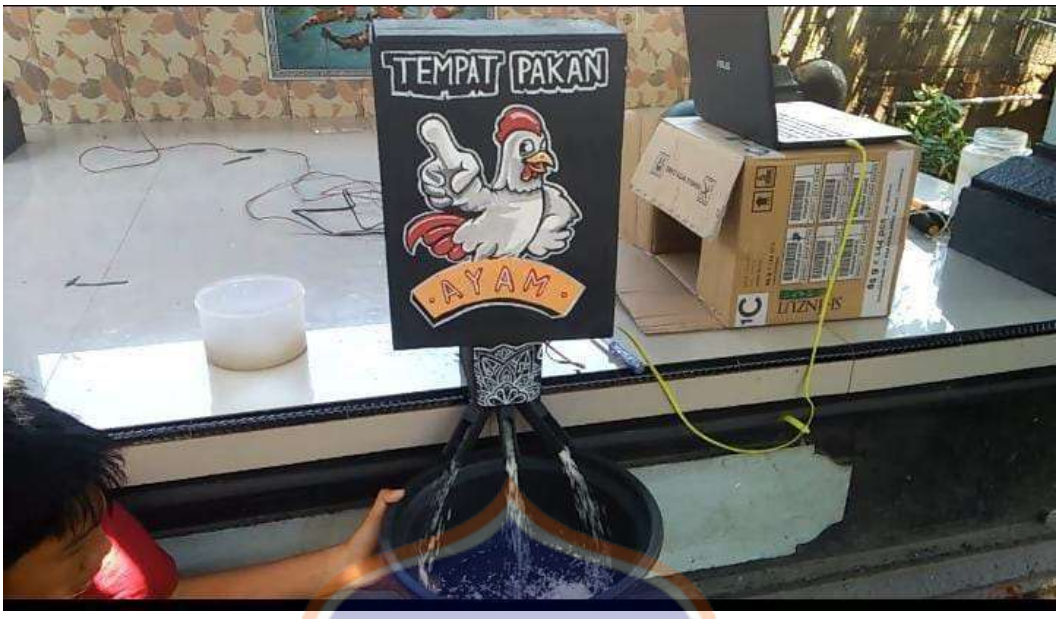
Gambar 2. Gambar pemasangan sensor *ultrasonik*



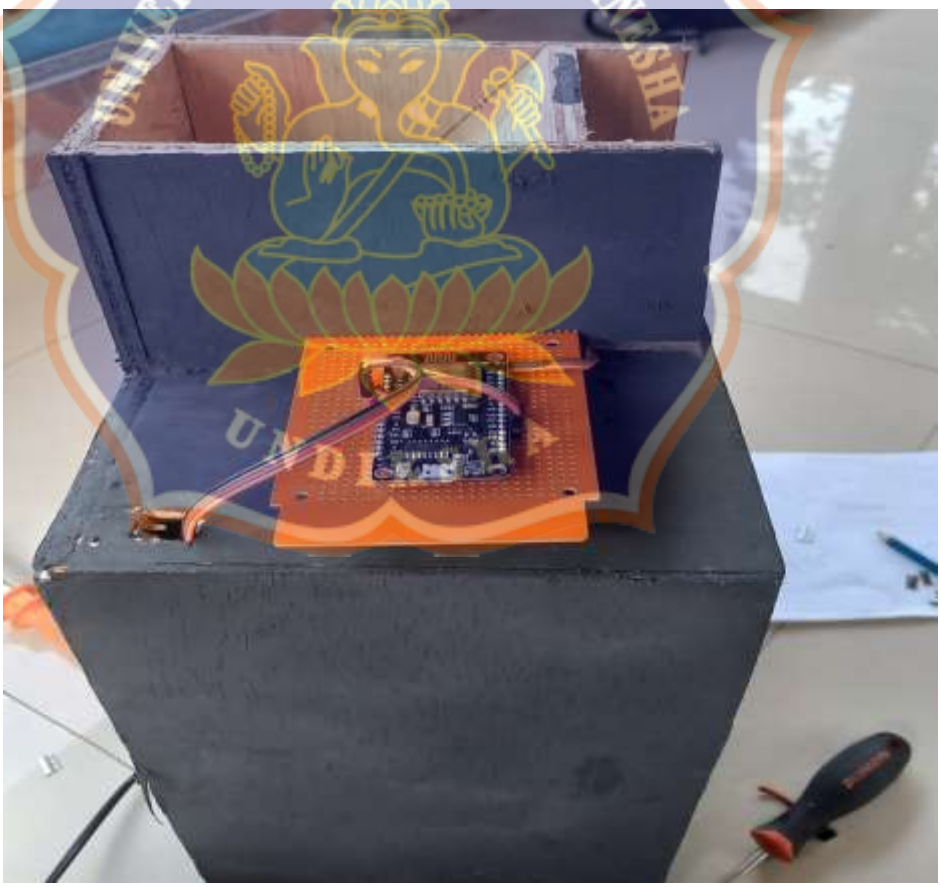
Gambar 3 Proses pengecat *box* pakan



Gambar 4. Proses *pengcodingan*



Gambar 5. Sistem kerja alat mengeluarkan pakan



Gambar 6. *Penyolderan* komponen pada *PCB* lubang