Technical Assignment Kel 59

Electronic Schematic

Hardware Design

32 mm

24 cm

Sensor Pir

220 Volt

8 cm

5 cm

5 cm

13 cm

raspberry pi

7,5 cm

relay

12 cm

lubang

Vawe door luck

Design
3 D

O

→ PINTU

BOM

1. Relay (2 bh)

 https://shp.ee/stu2dfe
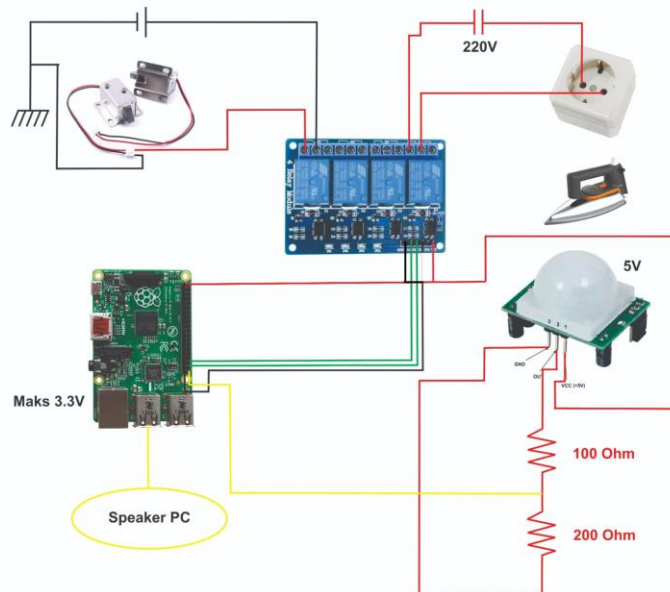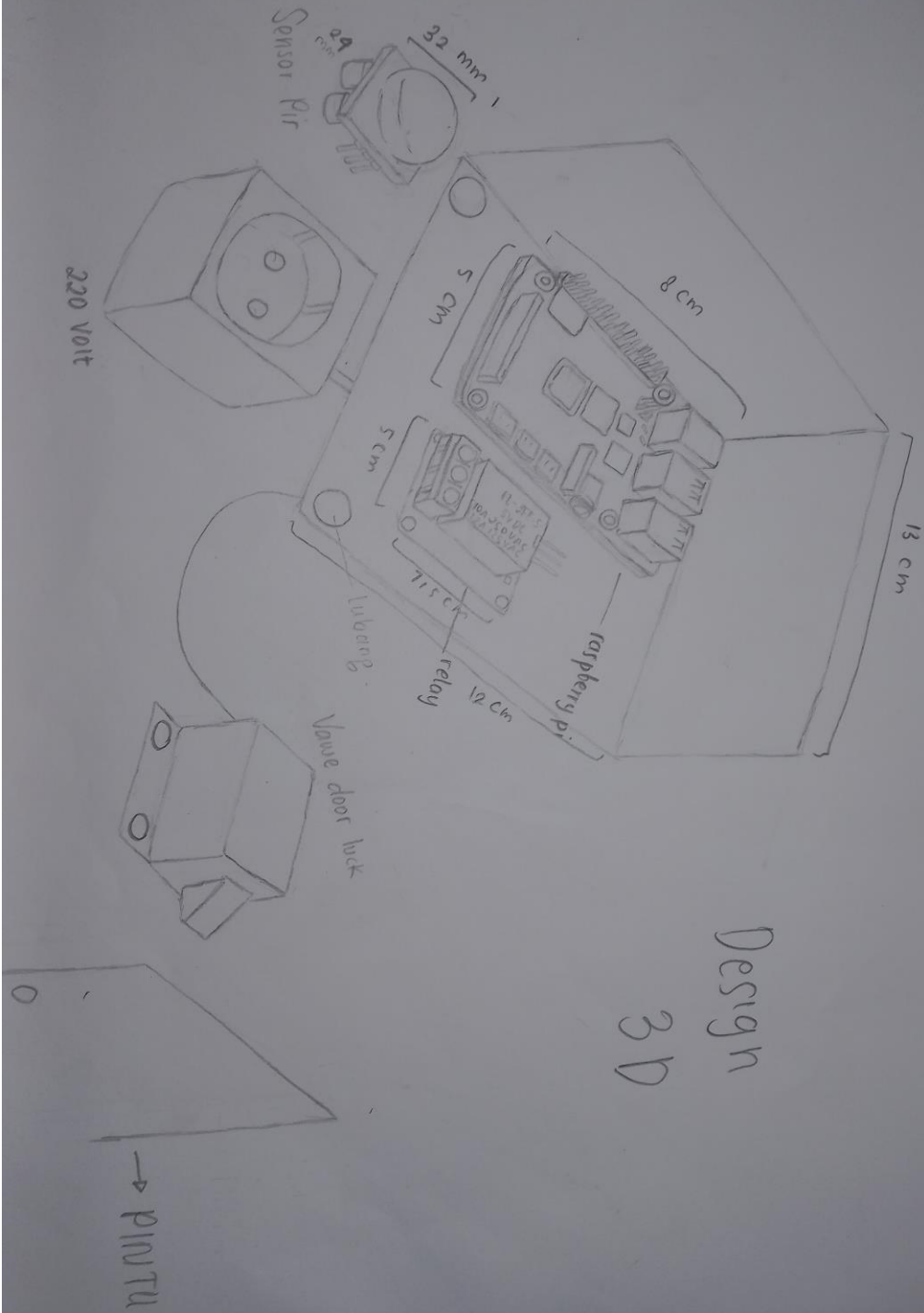
harga 20k

2. Selenoid valve door lock (1 bh)

https://shp.ee/g9yzeun

 29k

3. Sensor PIR (1 bh)

https://shp.ee/nsq9en8

11k

4. Adaptor 12v

https://shp.ee/i73sbur

50k

5.jack DC 12 v

https://shp.ee/avv9quy

3k

Process Flow

```
                         START


                    Cek pir


  cek kondisi relay                        Cek kondisi pintu
  setrika


      cek                                      Cek pintu
    setrika                                    terkunci
     nyala                                     atau tdk


  Nvala                    Tidak                      Tidak

  Tunggu 5 menit                          kunci otomatis
                                    Terkunci


  matikan  setrika


      End
```