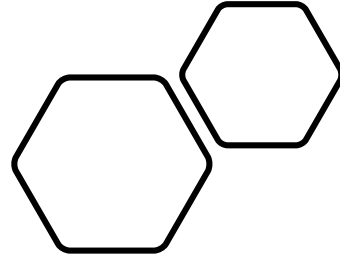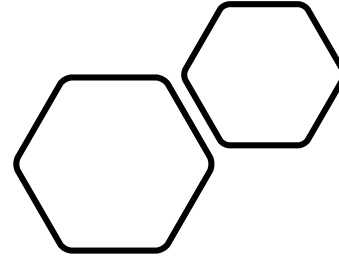VOUS AVEZ DU COURRIER

connected mailbox

Thierry NGANKOUE

Problem Definition

- - Useless back and forth to an empty mailbox

- - Not being aware when the postman has passed

- - The phases of impatience and anxiety when we are waiting for a letter
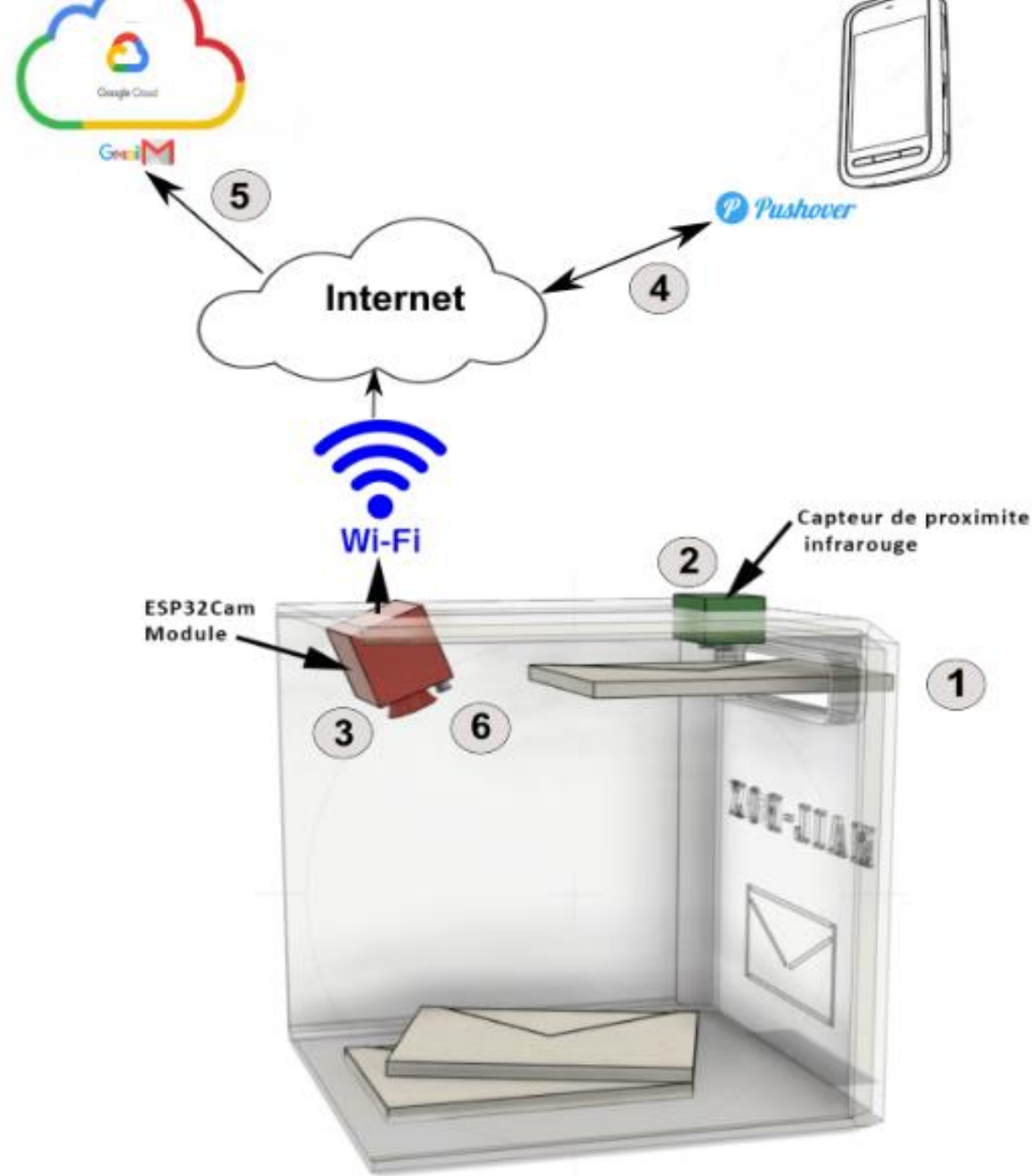
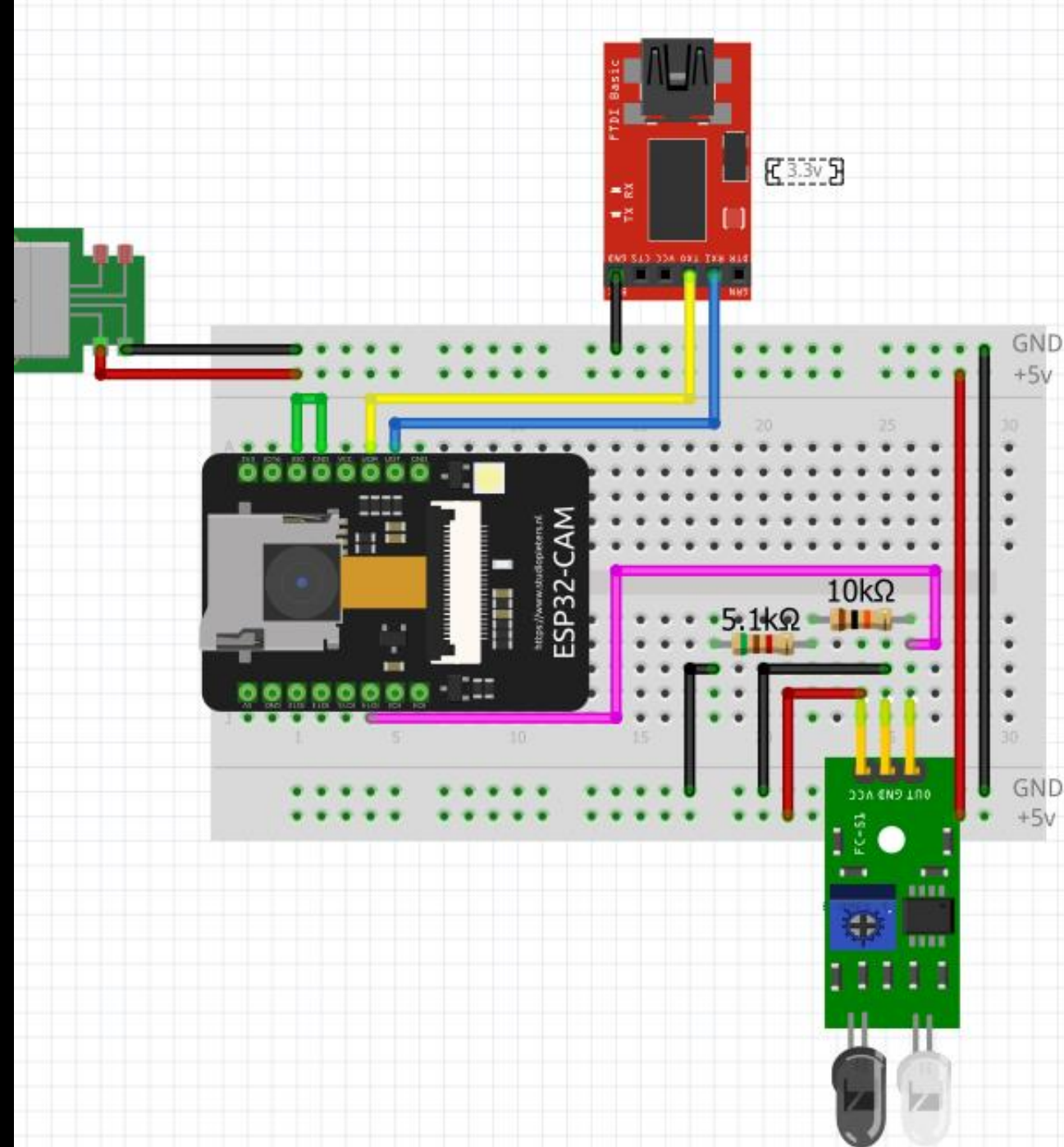- - Do not know the type of mail posted

Project Summary

Develop a connected mailbox capable of sending a notification each time a new mail is deposited in the mailbox via a push notification system such as PushOver or Telegram and also send an email to a Gmail mailbox in order to 'to be further processed in the google cloud via google script.

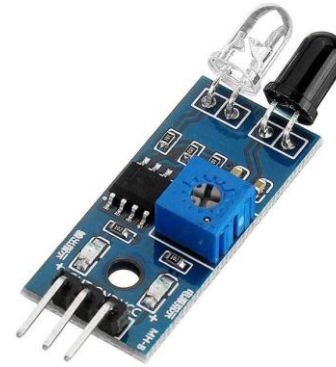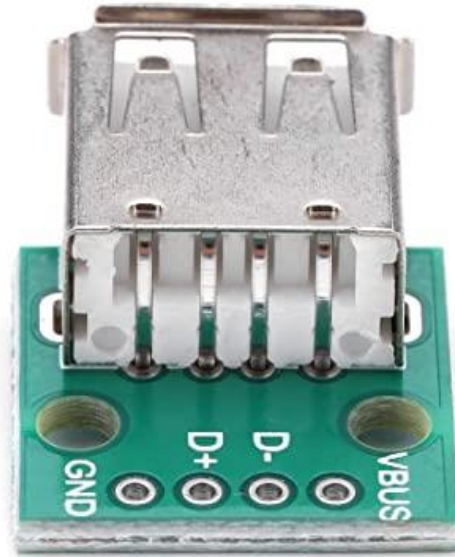The notification and email must include a photo of the inside of the mailbox.

Technical Description

Schematic

Matrials

Codes

GmailPushoverV1

```cpp
1  #include "esp_camera.h"
2  #include "Arduino.h"
3  #include "FS.h"
4  #include "SD_MMC.h"
5  #include "soc/soc.h"
6  #include "soc/rtc_cntl_reg.h"
7  #include "driver/rtc_io.h"
8  #include <EEPROM.h>
9  #include "SD.h"
10 #include <WiFi.h>
11 #include "ESP32_MailClient.h"
12 #include "SPIFFS.h"
13 #include "esp_timer.h"
14 #include "img_converters.h"
15 #include "driver/rtc_io.h"
16
17
18
19
20
21 char ssid[] = "TP-Link_F4D8";
22 char password[] = "93655576";
23
24 // Envoyer un email via Gmail
25
26 #define emailSenderAccount      "ngankouechristian@gmail.com"
27 #define emailSenderPassword     "thierry94"
28 #define emailRecipient          "ngankouechristian@gmail.com"
29 #define emailRecipient2         "5v53xu8xqf@pomail.net"
30 #define smtpServer              "smtp.gmail.com"
31 #define smtpServerPort          465 //587 //465
32 #define emailSubject            "Thierry tu a un nouveau courrier notification"
33 SMTPData smtpData;
34
35 // Pushover settings
36 char pushoversite[] = "api.pushover.net";
37 char apitoken[] = "aszcfk9s7mi4ij89rvfscbmdggezc4";
```

Difficulty

Materiel

Code

Thank's