

Lampiran 1

```
#include <Wire.h>
#include "RTClib.h"
RTC_DS1307 rtc;
char namaHari[7][12] = {"Minggu", "Senin", "Selasa", "Rabu", "Kamis", "Jumat",
"Sabtu"};
int tg, jm, mm, dt;

#include <EEPROM.h>
#include <ESP8266WiFi.h>
#include <WiFiClientSecure.h>
#include <UniversalTelegramBot.h>

#define WIFI_SSID "Zam"
#define WIFI_PASSWORD "zamroni14"

#define BOT_TOKEN
"5419952905:AAFGmohcmslXuQT5N1x9y20P8yWz3YmlX-g"
//String chatid = "5131267848";
String chatid = "5736460482";
String welcome ;
const unsigned long BOT_MTBS = 1000;
X509List cert(TELEGRAM_CERTIFICATE_ROOT);
WiFiClientSecure secured_client;
UniversalTelegramBot bot(BOT_TOKEN, secured_client);
unsigned long bot_lasttime;
int SETtanggal1=0, SETjam1=0, SETmenit1=0, SETtanggal2=0, SETjam2=0,
SETmenit2=0;
int TANGGAL1, jam1, mnt1, mnnt1, TANGGAL2, jam2, mnt2, mnnt2;
int SAVETANGGAL1, SAVEJAM1, SAVEMENIT1, SAVEMENITt1,
SAVETANGGAL2, SAVEJAM2, SAVEMENIT2, SAVEMENITt2;
```

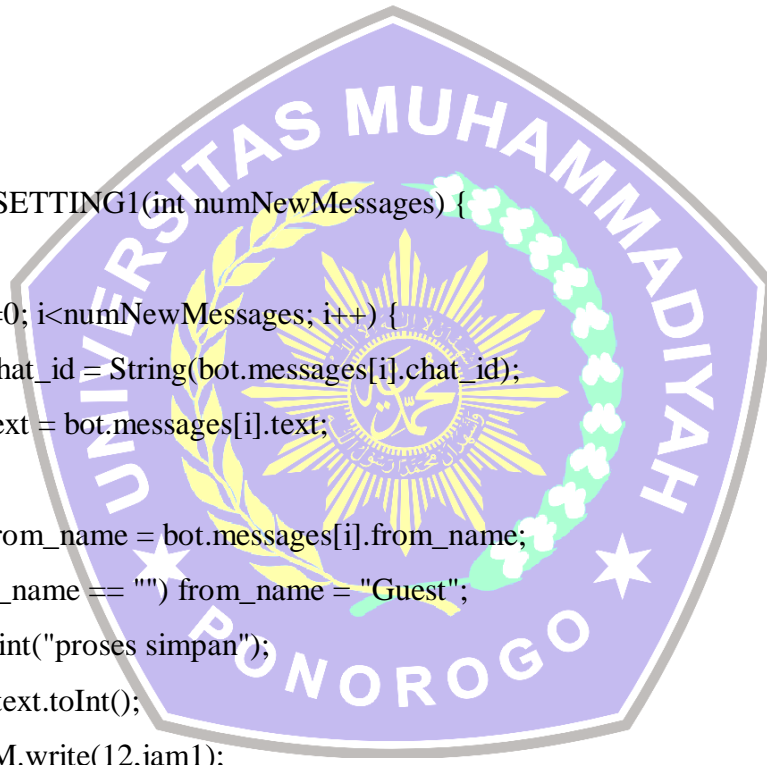
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    TANGGAL1 = text.toInt();
    EEPROM.write(11,TANGGAL1);
    EEPROM.commit();
    delay(5000);
    SAVETANGGAL1 = EEPROM.read(11);
    welcome = "BERHASIL SIMPAN DATA TANGGAL1=\n\n";
    welcome +=String(SAVETANGGAL1);
    bot.sendMessage(chatid, welcome);
    SETtanggal1=0;
    LK1=0;
}
}
void JAMSETTING1(int numNewMessages) {

for (int i=0; i<numNewMessages; i++) {
    String chat_id = String(bot.messages[i].chat_id);
    String text = bot.messages[i].text;

    String from_name = bot.messages[i].from_name;
    if (from_name == "") from_name = "Guest";
//Serial.print("proses simpan");
    jam1 = text.toInt();
    EEPROM.write(12,jam1);
    EEPROM.commit();
    delay(5000);
    SAVEJAM1 = EEPROM.read(12);
    welcome = "BERHASIL SIMPAN DATA JAM1=\n\n";
    welcome +=String(SAVEJAM1);
    bot.sendMessage(chatid, welcome);
    SETjam1=0;
    LK1=0;
}
}

```



```

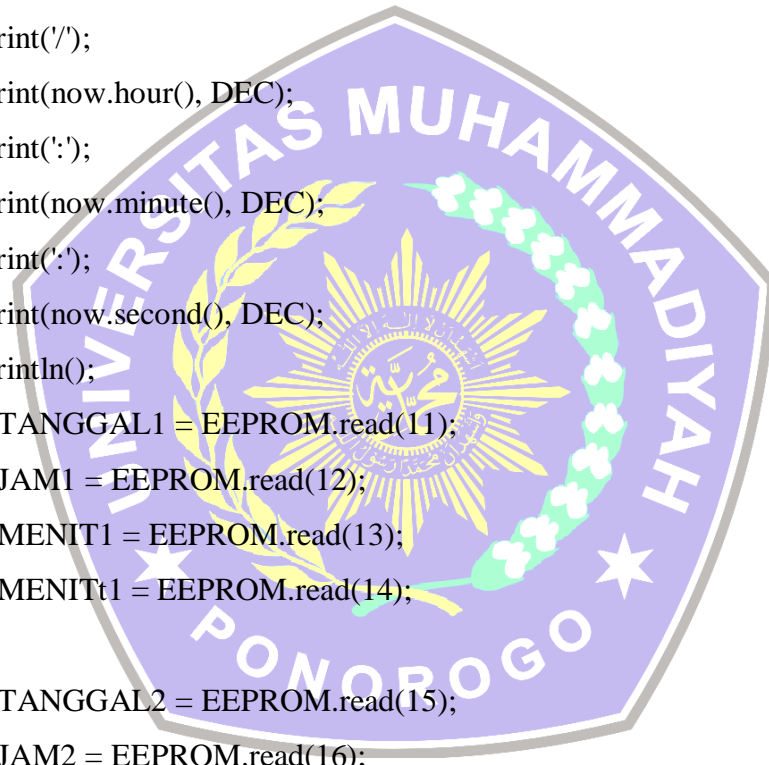
}
void jadwaldijalankan ()
{
DateTime now = rtc.now();
tg=now.day();
jm=now.hour();
mm=now.minute();

Serial.print(now.day(), DEC);
Serial.print('/');
Serial.print(now.hour(), DEC);
Serial.print(':');
Serial.print(now.minute(), DEC);
Serial.print(':');
Serial.print(now.second(), DEC);
Serial.println();
SAVETANGGAL1 = EEPROM.read(11);
SAVEJAM1 = EEPROM.read(12);
SAVEMENIT1 = EEPROM.read(13);
SAVEMENITt1 = EEPROM.read(14);

SAVETANGGAL2 = EEPROM.read(15);
SAVEJAM2 = EEPROM.read(16);
SAVEMENIT2 = EEPROM.read(17);
SAVEMENITt2 = EEPROM.read(18);

CEKKELEMBAPAN=analogRead(A0);
if (CEKKELEMBAPAN>700) {LK1=0;
bot.sendMessage(chatid,"KELEMBAPAN TANAH >33,33 PROSES
PENYIRAMAN "); LK1=1; }
if ((tg==SAVETANGGAL1 && jm==SAVEJAM1 && mm>=SAVEMENIT1)

```



```
&& (tg==SAVETANGGAL1 && jm==SAVEJAM1 && mm<SAVEMENIT1))  
{LK1=0; bot.sendMessage(chatid,"MASUK SISTEM PENJADWALAN  
PENYIRAMAN 1"); LK1=1; }  
if ((tg==SAVETANGGAL2 && jm==SAVEJAM2 && mm>=SAVEMENIT2)  
&& (tg==SAVETANGGAL2 && jm==SAVEJAM2 && mm<SAVEMENIT2))  
{LK1=0; bot.sendMessage(chatid,"MASUK SISTEM PENJADWALAN  
PENYIRAMAN 2"); LK1=1; }  
delay(1000);  
}
```

