LAPORAN

Praaktek system IOT (Jumat 18 Oktober)
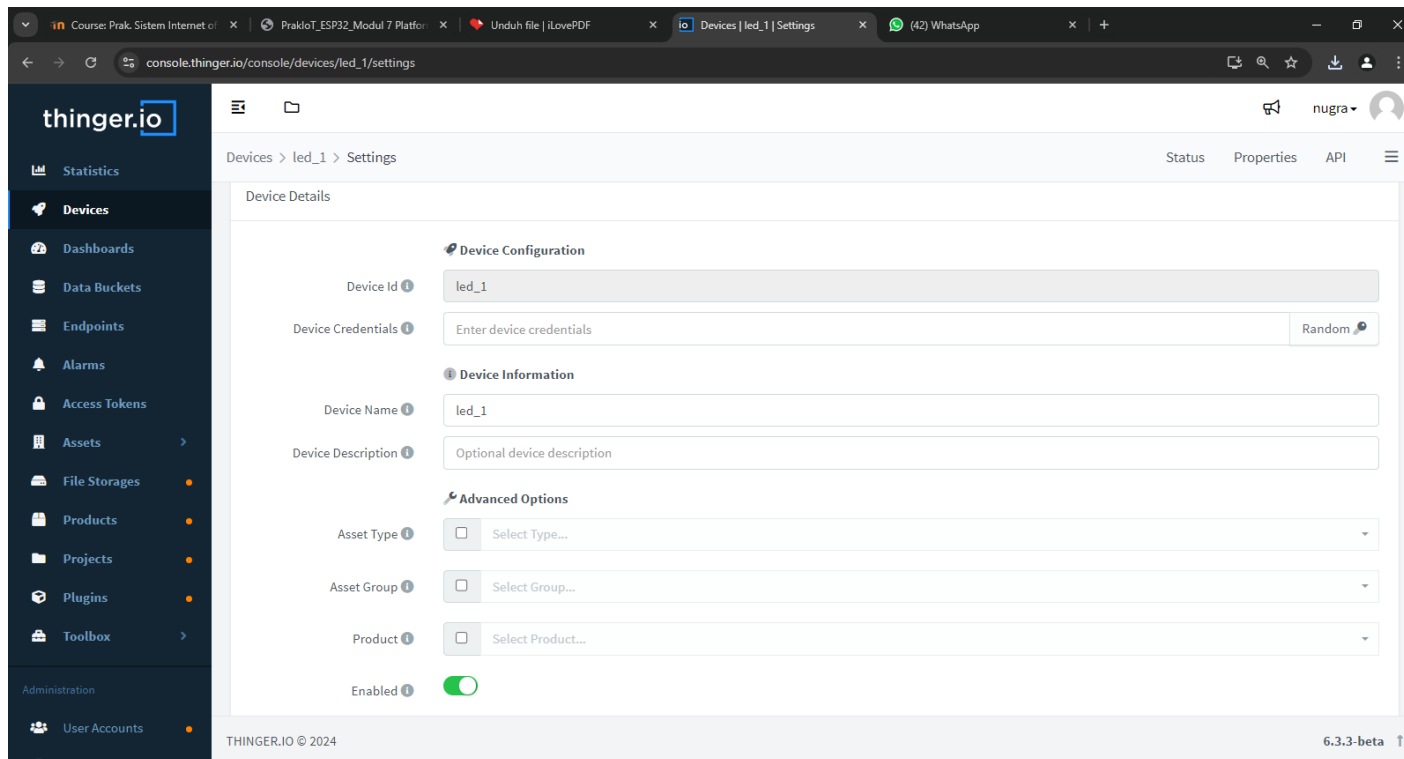
Nama   : Ludang Prasetyo Nugroho   [Teknik Komputer (S1)](#)

Nim   225510017

Matkul   : Prak system IOT

PRAKTEK

Praktek

Code program

- Code Esp

```
#define THINGER_SERIAL_DEBUG
#include <ThingerESP32.h>


#include "arduino_secrets.h"
#define LED1 12
#define LED2 13
#define Sensor 32
ThingerESP32 thing(USERNAME, DEVICE_ID,
DEVICE_CREDENTIAL);
void setup() {
 // untuk debugging
 Serial.begin(115200);
```
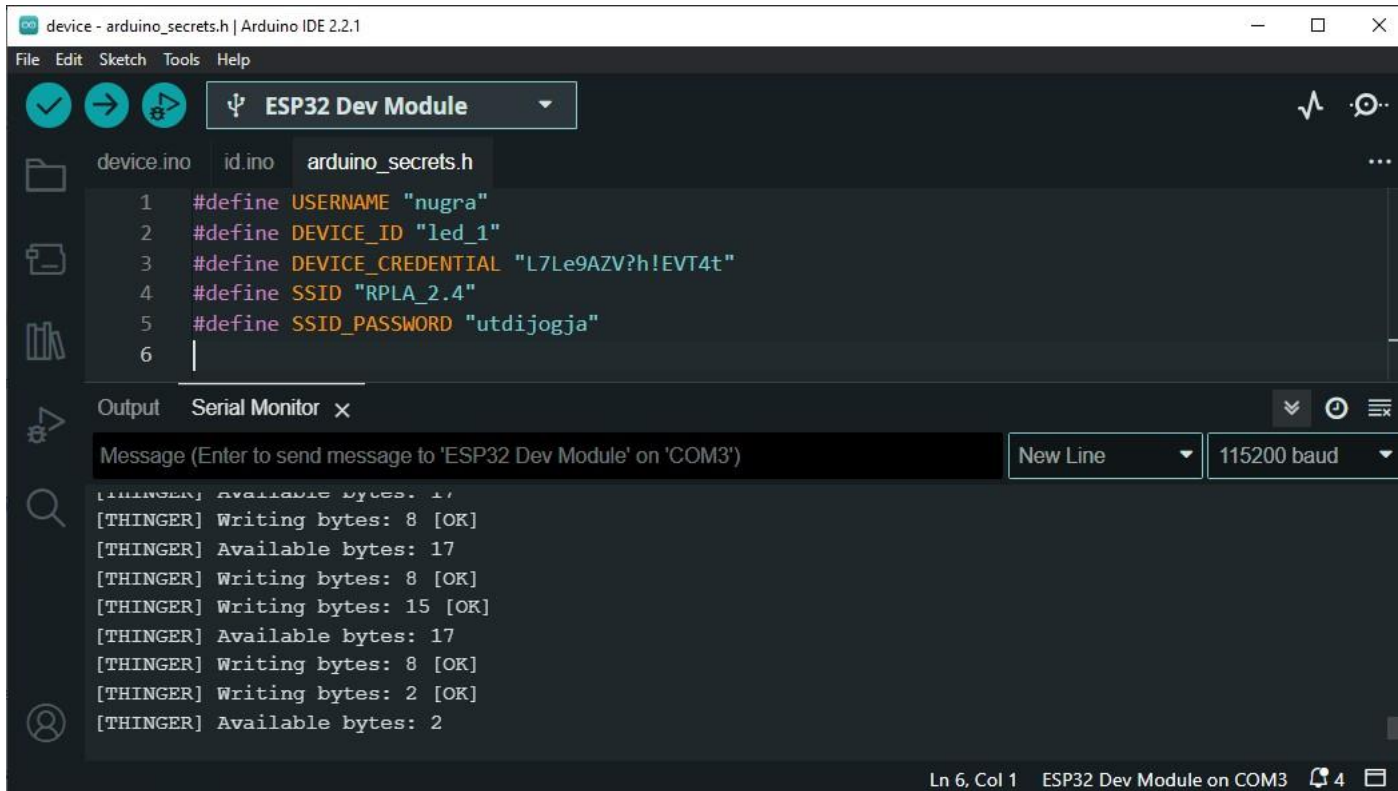
```
// set LED1 sebagai output
pinMode(LED1, OUTPUT);
// SSID dan password Access Point
thing.add_wifi(SSID, SSID_PASSWORD);
```

```
// resourse input on/off led1 LED1
thing["led1"] << digitalPin(LED1);
}
void loop() {
 thing.handle();
}
```

- Code Arduino / id

```
#define USERNAME "nugra"
#define DEVICE_ID "led_1"
#define DEVICE_CREDENTIAL "L7Le9AZV?h!EVT4t"
#define SSID "RPLA_2.4"
#define SSID_PASSWORD "utdijogja"
```
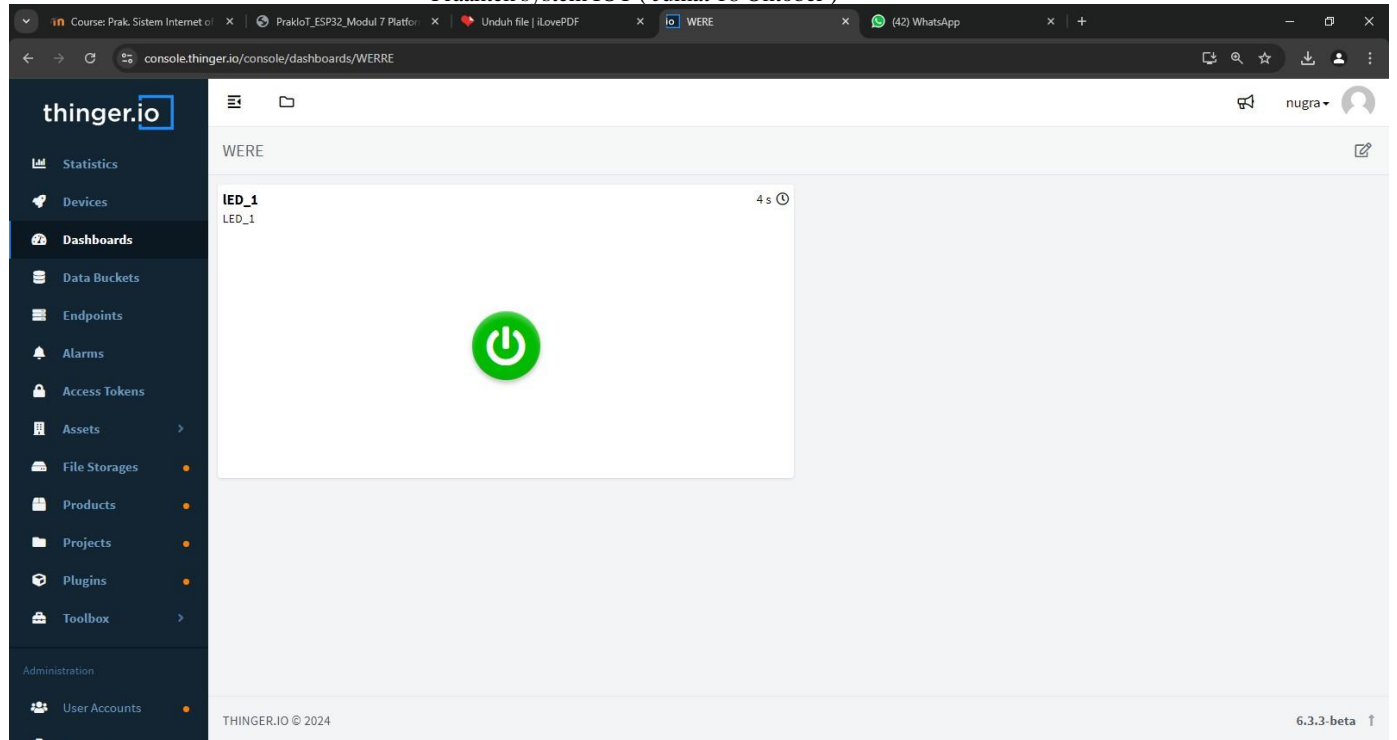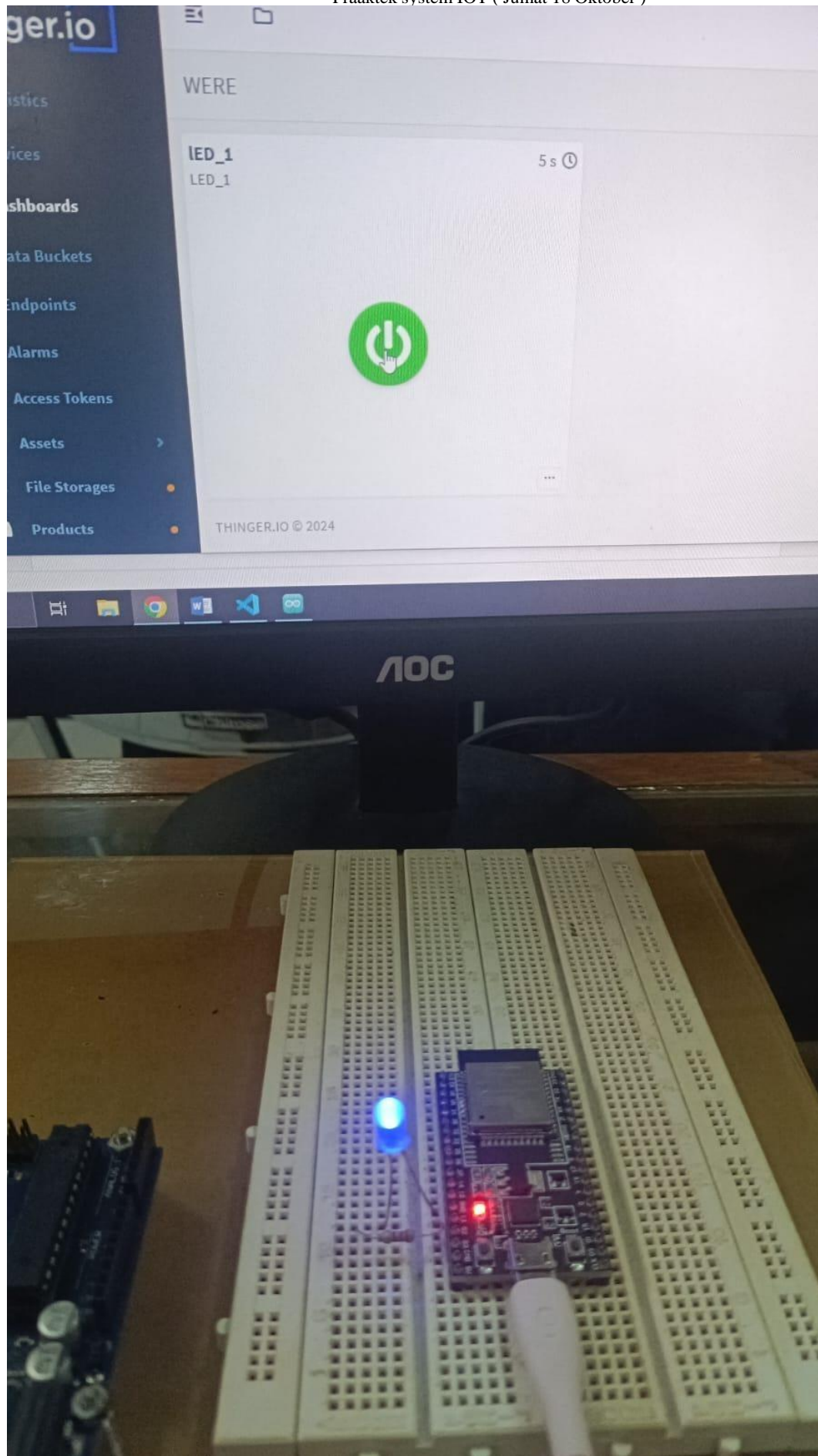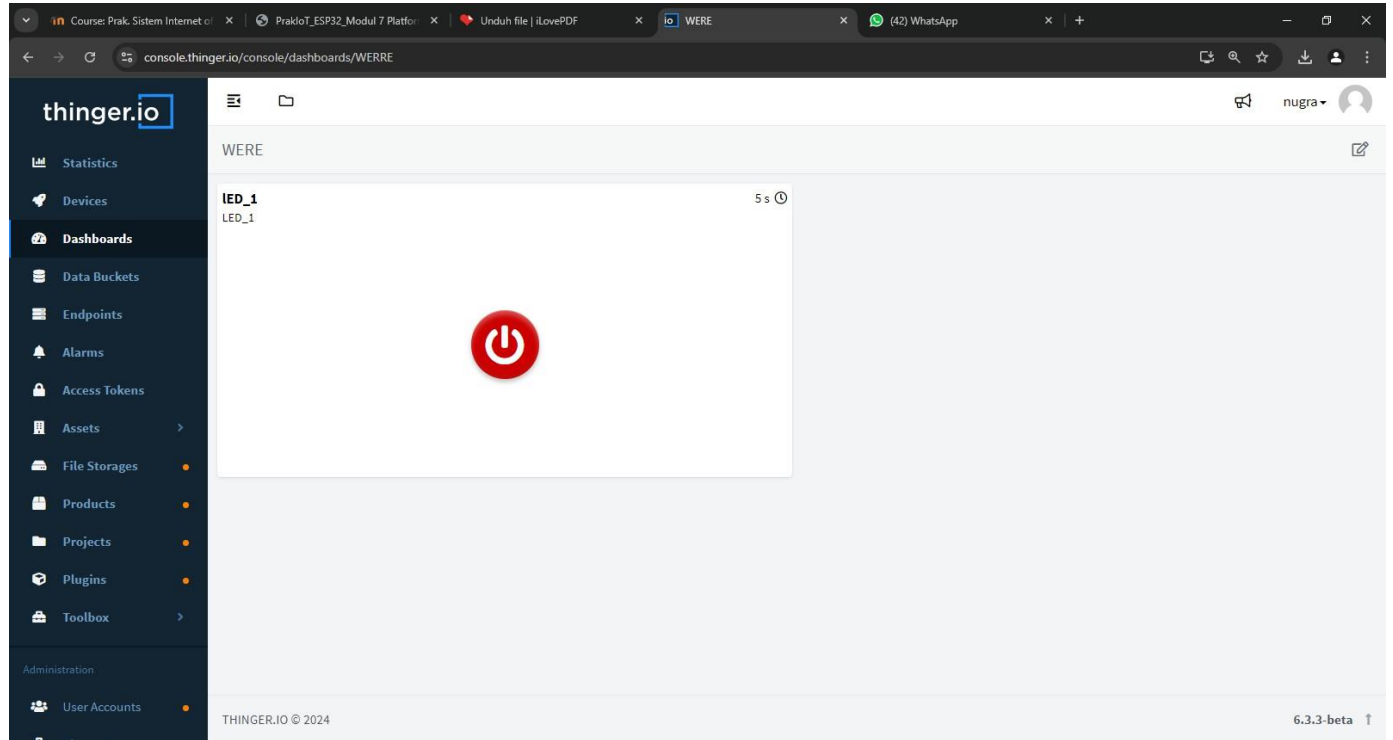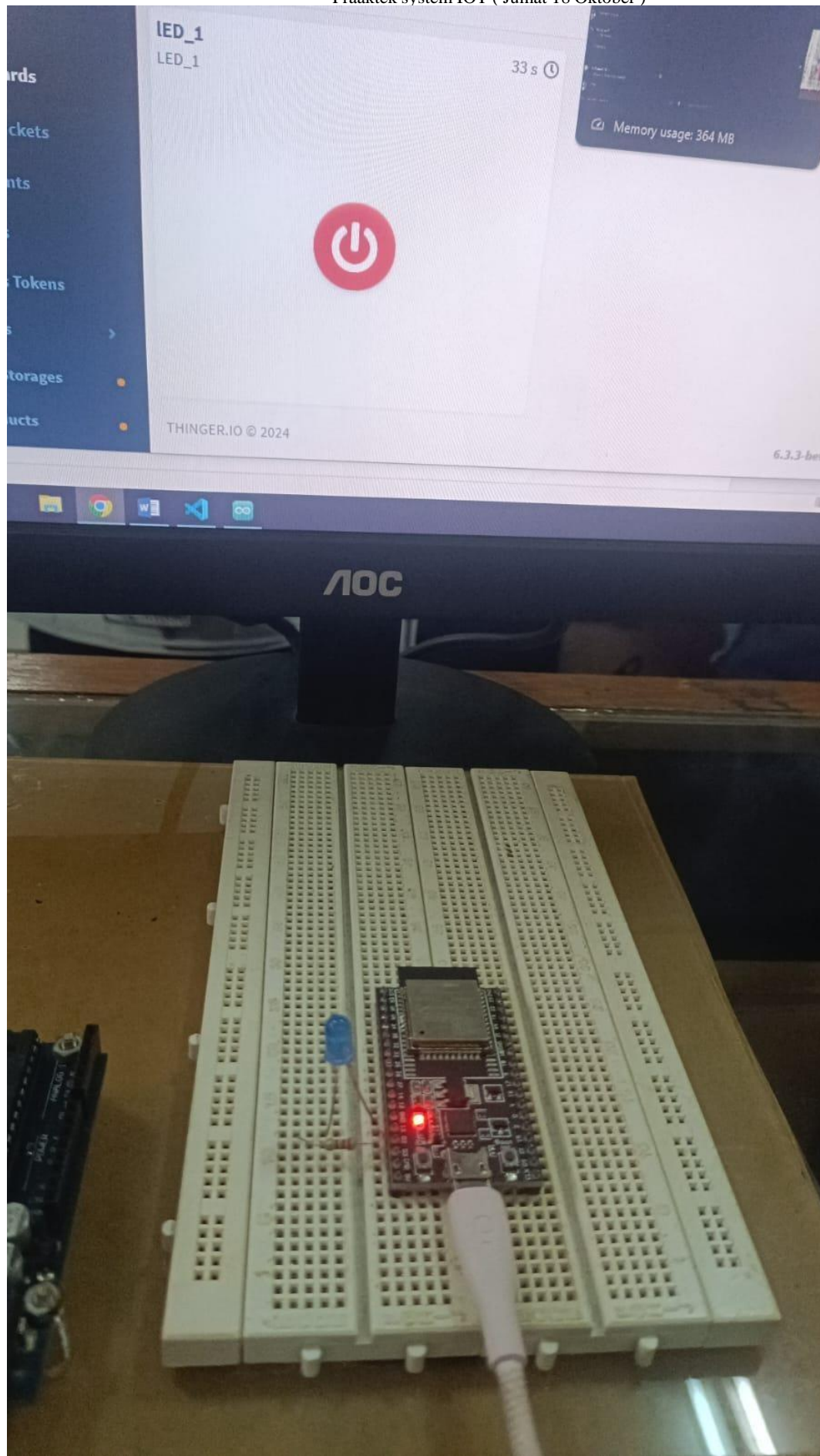
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Tugas