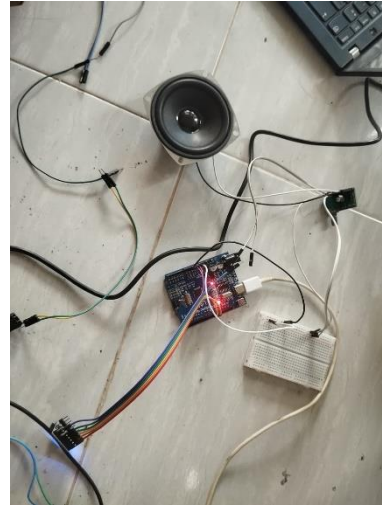
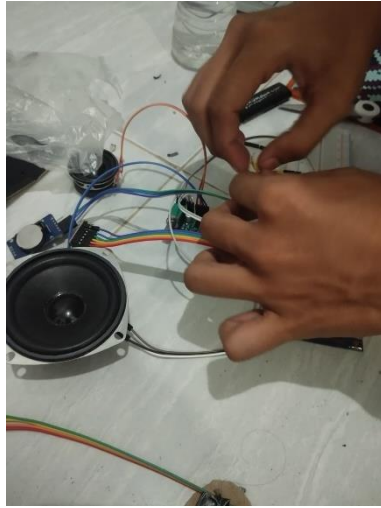
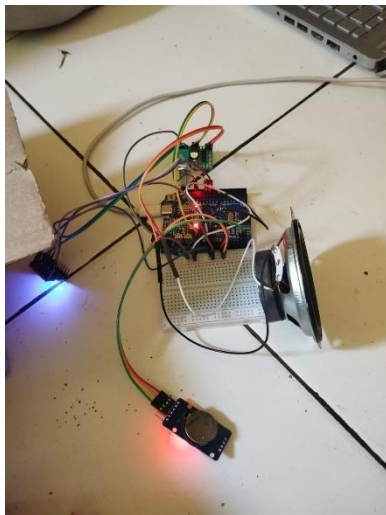


LAMPIRAN

1. Proses perakitan



2. Proses pengujian komponen Dfplayer mini



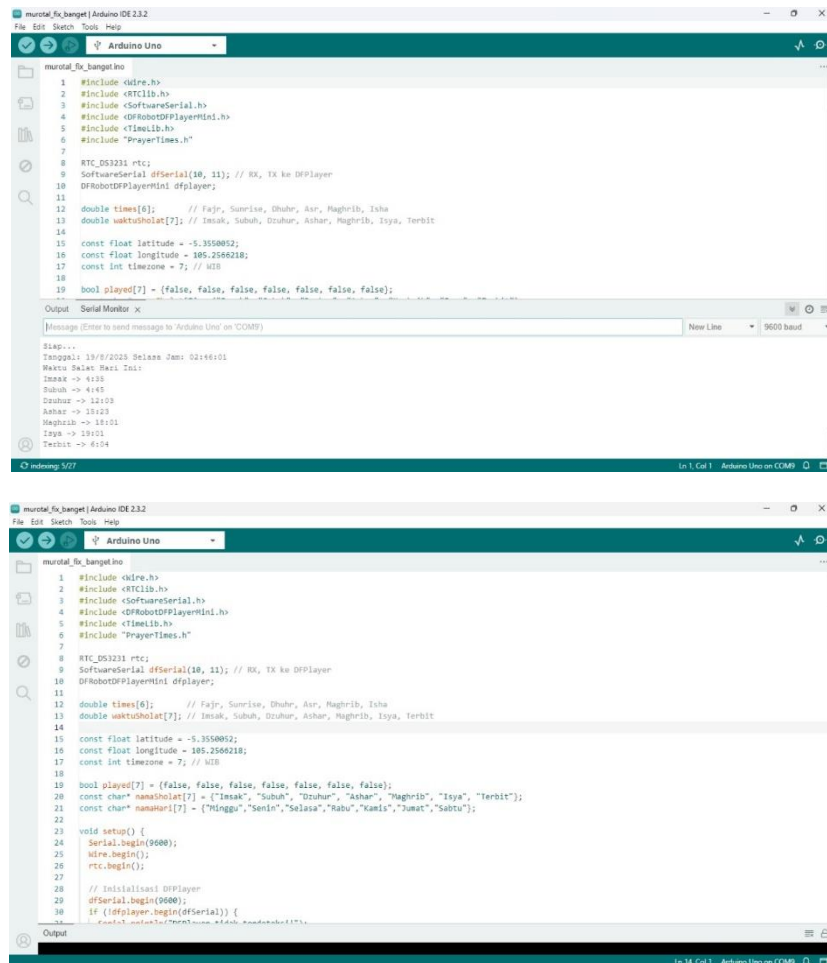
3. Proses pengujian komponen RTC



4. Proses perakitan komponen keseluruhan



5. Tampilan kode program yang digunakan



```

1 #include <Wire.h>
2 #include <RTClib.h>
3 #include <SoftwareSerial.h>
4 #include <DFRobotDFPlayerMini.h>
5 #include <TimeLib.h>
6 #include "PrayerTimes.h"
7
8 RTC_DS3231 rtc;
9 SoftwareSerial dfSerial(10, 11); // RX, TX ke DFPlayer
10 DFRobotDFPlayerMini dfPlayer;
11
12 double times[6]; // Fajr, Sunrise, Dhuhr, Asr, Maghrib, Isha
13 double waktuSholat[7]; // Isak, Subuh, Dzuhur, Ashar, Maghrib, Isha, Terbit
14
15 const float latitude = -6.3508052;
16 const float longitude = 105.2564218;
17 const int timezone = 7; // WIB
18
19 bool played[7] = {false, false, false, false, false, false, false};

```

Output Serial Monitor x

Message (Enter to send message to 'Arduino Uno' on 'COM5')

```

New Line 9600 baud

```

```

1 #include <Wire.h>
2 #include <RTClib.h>
3 #include <SoftwareSerial.h>
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14
15 const float latitude = -6.3508052;
16 const float longitude = 105.2564218;
17 const int timezone = 7; // WIB
18
19 bool played[7] = {false, false, false, false, false, false, false};
20 const char* namaSholat[7] = {"Isak", "Subuh", "Dzuhur", "Ashar", "Maghrib", "Isha", "Terbit"};
21 const char* namaHari[7] = {"Minggu", "Senin", "Selasa", "Rabu", "Kamis", "Jumat", "Sabtu"};
22
23 void setup() {
24   Serial.begin(9600);
25   Wire.begin();
26   rtc.begin();
27
28   // Inisialisasi DFPlayer
29   dfSerial.begin(9600);
30   if (!dfPlayer.begin(dfSerial)) {
31     Serial.println("DFPlayer not found");
32   }

```