Lampiran – 1 Listing Program Arduino

```
#include <SoftwareSerial.h>
int buzzer = 13;
int state = 12;
void setup()
{
   Serial.begin(9600);
   Serial.println("Pengaman Tas Berbasis Bluoetooth");
   pinMode(buzzer,OUTPUT);
   pinMode(state,INPUT);
}
void loop() {
  if (digitalRead(state)==0){
   digitalWrite(buzzer,HIGH);
   Serial.println("Koneksi Bluoetooth Terputus");
   Serial.println("BUZZER AKTIF !!!");
   Serial.println("");
   }else{
   digitalWrite(buzzer,LOW);
   Serial.println("Koneksi Bluoetooth Terhubung");
   Serial.println("BUZZER NONAKTIF");
   Serial.println("");}
   delay(500);
}
```

Lampiran 2 – Listing program *user interface* situs *web*

```
import
'package:awesome_notifications/awesome_n
otifications.dart';
import 'package:flutter/material.dart';

import 'package:get/get.dart';
import
'package:get_storage/get_storage.dart';
import
'package:iot_bluetooth/app/themes/app_the
me.dart';

import 'app/routes/app_pages.dart';

void main() async {
  AwesomeNotifications().initialize(
    // set the icon to null if you want to use
the default app icon
    null,
    [
      NotificationChannel(
        channelGroupKey:
'iot_channel_group',
        channelKey: 'iot_channel',
        channelName: 'IOT notifications',
        channelDescription: 'Notifikasi ketika
bluetooth disconnect',
        defaultColor: Color(0xFF9D50DD),
        ledColor: Colors.white,
      )
    ],
    debug: true,
  );

  await GetStorage.init('IOT-Bluetooth');

  runApp(
    GetMaterialApp(
      title: "IOT Bluetooth",
      theme: AppTheme.basic,
      initialRoute: AppPages.INITIAL,
      getPages: AppPages.routes,
    ),
  );
}

import 'package:flutter/material.dart';
import 'app_colors.dart';
import 'app_text.dart';

class AppTheme {
  static ThemeData get basic => ThemeData(
        colorScheme:
ColorScheme.dark().copyWith(
          primary: primaryColor,
        ),
        splashColor: secondaryColor,
        fontFamily: 'GideonRoman',
        appBarTheme: AppBarTheme(
          titleTextStyle: kHeaderStyle,
          iconTheme:      IconThemeData(color:
secondaryColor),
        ),
        backgroundColor: bgColor,
      );
}

import 'package:flutter/material.dart';
import 'app_colors.dart';

const primaryStyle = TextStyle(
  color: primaryColor,
);

const warningStyle = TextStyle(
  color: warningColor,
);

const dangerStyle = TextStyle(
  color: dangerColor,
);

const kHeaderStyle = TextStyle(
  fontSize: 20,
  fontFamily: 'GideonRoman',
  fontWeight: FontWeight.bold,
);
// Colors
import 'package:flutter/material.dart';

const primaryColor = Color(0xFF040303);
const              secondaryColor              =
Color(0xFF461111);
const dangerColor = Color(0xFFA13333);
const warningColor = Color(0xFFB3541E);
const bgColor = Color(0xFFF5F5F5);
```

Lampiran Dokumentasi



