

CURRICULUM VITAE

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RIWAYAT PENDIDIKAN FORMAL

PENDIDIKAN	NAMA SEKOLAH	TAMAT TAHUN
SD	SD NEGERI 7 TEBING TINGGI	2009
SMP	SMP NEGERI 1 TEBING TINGGI	2012
SMA	SMA NEGERI 1 TEBING TINGGI	2015

RIWAYAT PENDIDIKAN NON FORMAL

JENIS PENDIDIKAN NON FORMAL	TAHUN
GANESHA OPERATION	2014-2015
LBBA	2015

PENGALAMAN PENELITIAN

NO	NAMA PENELITIAN	TAHUN
1	RANCANG BANGUN <i>SAVERS KEYCHAIN</i> SEBAGAI PEMBERI LOKASI DAN INFORMASI BAHAYA MELALUI EMAIL	2018
2	<i>SAVERS KEYCHAIN</i> DENGAN GPS <i>TRACKER</i> SEBAGAI PEMBERI LOKASI DAN INFORMASI BAHAYA BERBASIS ANDROID	2019

PENGHARGAAN/PENCAPAIAN

NO	PENGHARGAAN	TAHUN
1	JUARA 1 UN (UJIAN NASIONAL) IPA SE-KABUPATEN EMPAT LAWANG	2015
2	JUARA 3 LOMBA CERDAS CERMAT HEMAT ENERGI SE-KABUPATEN EMPAT LAWANG	2015
3	JUARA 3 LKTI DIES NATALIES POLSRI KE-34	2016
4	JUARA 2 TEKNOLOGI TEPAT GUNA DIES NATALIS POLSRI KE-34	2016
5	JUARA 3 MONOLOG DIES NATALIS POLSRI KE -35	2017
6	TOP 25 DUTA GENRE (GENERASI BERENCANA) SUMATERA SELATAN	2018

PENGALAMAN ORGANISASI

NO	PENGALAMAN ORGANISASI	TAHUN
1	SEKRETARIS JURNALISTIK KORAN RAKYAT EMPAT LAWANG	2015
2	SEKRETARIS PIK-R (PUSAT INFORMASI KONSELING REMAJA)	2015
3	ANGGOTA KESEKRETARIATAN HMJ ELEKTRO POLSRI	2015
4	ANGGOTA DIVISI IPTEK FKHMEI (FORUM KOMUNIKASI MAHASISWA ELEKTRO INDONESIA) WILAYAH V	2016
5	KOORDINATOR DIVISI KESEKRETARIATAN HMJ ELEKTRO POLSRI	2016
6	SEKRETARIS UMUM HMJ ELEKTRO POLSRI	2017
7	BIRO PSDM HAMADA FOUNDATION SUMATERA SELATAN	2017-sekarang

Semua data yang saya isikan dan tercantum dalam curriculum vitae ini adalah benar dan dapat dipertanggungjawabkan.

Palembang, Juli 2019

(ULLY RA

Koding ARDUINO

```
#include <SoftwareSerial.h>
#include <TinyGPS.h>
#define button 5

TinyGPS gps;
SoftwareSerial serialgps(4, 3);
int year;
byte month, day, hour, minute, second, hundredths;
unsigned long chars;
unsigned short sentences, failed_checksum;
SoftwareSerial SIM900(10, 11);
void setup()
{

    Serial.begin(9600);
    SIM900.begin(9600); /* Define baud rate for software serial
communication */
    serialgps.begin(9600);
    pinMode(button, INPUT_PULLUP);

    Serial.println("=====");
    Serial.println("GPS");
    Serial.println("=====");
}

    float latitude, longitude;

bool urgent= false;
void loop()
```

```

{

    panggil_gps();
    if (urgent){
        send_urgent();
    }else{
        send_data(); }}
long waktu_mulai ;

void cek_urgent(int wait_time){
    waktu_mulai = millis();
    while(millis()-waktu_mulai < wait_time){
        if (digitalRead(button)==LOW){
            urgent = true;
        }
    }}

void panggil_gps() {
    serialgps.begin(9600);
    bool dapat_gps = false;
    while (!dapat_gps) {
        while (serialgps.available())
        {
            int c = serialgps.read();
            if (gps.encode(c))
            {
                gps.f_get_position(&latitude, &longitude);
                Serial.print("Lat/Long: ");
                gps.stats(&chars, &sentences, &failed_checksum);
                dapat_gps = true;
            }
        }
    }
}

```

```

void ShowSerialData()
{
    while(SIM900.available() != 0) /* If data is available on serial port */
        Serial.write(char (SIM900.read())); /* Print character received on to
the serial monitor */
}

void send_data(){
    SIM900.begin(9600);
    cek_urgent(1000);
    SIM900.println("AT"); /* Check Communication */
    cek_urgent(1000);
    ShowSerialData(); /* Print response on the serial monitor */
    cek_urgent(1000);
    /* Configure bearer profile 1 */
    Serial.println("AT+SAPBR=3,1,\"CONTYPE\",\"GPRS\"\\r\\n");
    SIM900.println("AT+SAPBR=3,1,\"CONTYPE\",\"GPRS\""); /*
Connection type GPRS */
    cek_urgent(1000);
    ShowSerialData();
    // delay(1000);
    Serial.println("AT+SAPBR=3,1,\"APN\",\"telkomsel\"\\r\\n");
    SIM900.println("AT+SAPBR=3,1,\"APN\",\"telkomsel\""); /* APN
of the provider */
    cek_urgent(1000);
    ShowSerialData();
    // delay(1000);
    Serial.println("AT+SAPBR=1,1\\r\\n");
    SIM900.println("AT+SAPBR=1,1"); /* Open GPRS context */

    cek_urgent(2000);
    ShowSerialData();
    // delay(2000);

```

```

Serial.println("AT+SAPBR=2,1\r\n");
SIM900.println("AT+SAPBR=2,1"); /* Query the GPRS context */
cek_urgent(2000);
ShowSerialData();
SIM900.println("AT+HTTPINIT"); /* Initialize HTTP service */
cek_urgent(2000);
ShowSerialData();
// delay(5000);

Serial.println("AT+HTTTPARA=\"CID\",1\r\n");
SIM900.println("AT+HTTTPARA=\"CID\",1"); /* Set parameters
for HTTP session */
cek_urgent(2000);
ShowSerialData();
// delay(5000);

Serial.print("AT+HTTTPARA=\"URL\", \"telkom15.com/ullyraiha
ny/arduino/uploaddata.php?");

SIM900.print("AT+HTTTPARA=\"URL\", \"telkom15.com/ullyraiha
ny/arduino/uploaddata.php?"); /* Set parameters for HTTP session
*/
cek_urgent(2000);
ShowSerialData();
// delay(5000);
char buff[500];
int lat_depan = (int)latitude ;
long lat_belakang = 0- (latitude*100000) ;
int long_depan = (int)longitude;
long long_belakang = longitude*100000;
lat_belakang = lat_belakang % 100000;
long_belakang = long_belakang % 100000;

sprintf(buff, "latitude=%d.%ld&longitude=%d.%ld\r\n", lat_depan, lat_
belakang, long_depan, long_belakang);

```

```

String pesan = buff;
Serial.println(pesan); /* Data to be sent */
SIM900.println(pesan);
cek_urgent(2000);
ShowSerialData();
// delay(5000);
Serial.println("AT+HTTPACTION=0\r\n");
SIM900.println("AT+HTTPACTION=0"); /* Start POST session */
cek_urgent(2000);
ShowSerialData();
// delay(5000);
Serial.println("AT+HTTPREAD");
SIM900.println("AT+HTTPREAD"); /* Start POST session */
cek_urgent(2000);
SIM900.println("AT+HTTPTERM"); /* Terminate HTTP service */
cek_urgent(2000);
ShowSerialData();
// delay(5000);
Serial.println("AT+SAPBR=0,1\r\n");
SIM900.println("AT+SAPBR=0,1"); /* Close GPRS context */
cek_urgent(2000);
ShowSerialData();
// delay(5000);
serialgps.begin(9600);

}

```

```

void send_urgent(){
SIM900.begin(9600);
delay(1000);
Serial.println("HTTP post method :");

```

```

Serial.println("AT");
SIM900.println("AT"); /* Check Communication */
delay(1000);
ShowSerialData(); /* Print response on the serial monitor */
delay(1000);
/* Configure bearer profile 1 */
Serial.println("AT+SAPBR=3,1,\"CONTYPE\",\"GPRS\"\\r\\n");
SIM900.println("AT+SAPBR=3,1,\"CONTYPE\",\"GPRS\"); /*
Connection type GPRS */
delay(1000);
ShowSerialData();
// delay(1000);
Serial.println("AT+SAPBR=3,1,\"APN\",\"telkomsel\"\\r\\n");
SIM900.println("AT+SAPBR=3,1,\"APN\",\"telkomsel\"); /* APN
of the provider */
delay(1000);
ShowSerialData();
// delay(1000);
delay(2000);
ShowSerialData();
// delay(2000);
Serial.println("AT+SAPBR=2,1\\r\\n");
SIM900.println("AT+SAPBR=2,1"); /* Query the GPRS context */
delay(2000);
ShowSerialData();
// delay(5000);
Serial.println("AT+HTTPINIT\\r\\n");
SIM900.println("AT+HTTPINIT"); /* Initialize HTTP service */
delay(2000);
ShowSerialData();
// delay(5000);

```



```

    SIM900.println("AT+HTTTPARA=\"CID\",1"); /* Set parameters
for HTTP session */

delay(2000);

ShowSerialData();

// delay(5000);

Serial.print("AT+HTTTPARA=\"URL\", \"telkom15.com/ullyraihany/
arduino/uploaddata_urgent.php?");

SIM900.print("AT+HTTTPARA=\"URL\", \"telkom15.com/ullyraihan
y/arduino/uploaddata_urgent.php?"); /* Set parameters for HTTP
session */

delay(2000);

ShowSerialData();

// delay(5000);

char buff[500];

int lat_depan = (int)latitude ;
long lat_belakang = 0- (latitude*100000) ;
int long_depan = (int)longitude;
long long_belakang = longitude*100000;
lat_belakang = lat_belakang % 100000;
long_belakang = long_belakang % 100000;

sprintf(buff,"latitude=%d.%ld&longitude=%d.%ld\"",lat_depan,lat_be
lakang,long_depan,long_belakang);

String pesan = buff;

Serial.println(pesan); /* Data to be sent */

SIM900.println(pesan);

delay(2000);

ShowSerialData();

// delay(5000);

Serial.println("AT+HTTTPACTION=0\r\n");

SIM900.println("AT+HTTTPACTION=0"); /* Start POST session */

```

```
    delay(2000);
    ShowSerialData();
    // delay(5000);
    Serial.println("AT+HTTPREAD");
    SIM900.println("AT+HTTPREAD"); /* Start POST session */
    */
    delay(2000);
    ShowSerialData();
    // delay(5000);
    Serial.println("AT+SAPBR=0,1\r\n");
    SIM900.println("AT+SAPBR=0,1"); /* Close GPRS context */
    delay(2000);
    ShowSerialData();
    urgent = false;
}
```

Koding Aplikasi *Savers Keychain*

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.hp.saverskeychaintracker">

    <uses-permission
android:name="android.permission.ACCESS_NETWORK_STATE" />
    <application
        android:name=".app.AppController"
        android:allowBackup="true"
        android:icon="@drawable/ic_launcher_background"
        android:label="@string/app_name"
        android:roundIcon="@drawable/ic_launcher_background"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".splashactivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER"
/>
            </intent-filter>
        </activity>

        <meta-data
            android:name="com.google.android.geo.API_KEY"
            android:value="@string/google_maps_key" />

        <activity android:name=".tracking"/>
        <activity android:name=".MainActivity"/>
        <activity android:name=".login"/>

        <service android:name=".services.MyFirebaseInstanceIdService">
            <intent-filter>
                <action
android:name="com.google.firebase.INSTANCE_ID_EVENT" />
            </intent-filter>
        </service>
        <service android:name=".services.MyFirebaseMessagingService">
            <intent-filter>

        </application>

</manifest>
```

AppController.java

```
package com.example.hp.saverskeychaintracker.app;

import android.app.Application;
import android.text.TextUtils;

import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.toolbox.ImageLoader;
import com.android.volley.toolbox.Volley;
```

```

public class ApplicationController extends Application {

    public static final String TAG = ApplicationController.class.getSimpleName();

    private RequestQueue mRequestQueue;

    private static ApplicationController mInstance;

    @Override
    public void onCreate() {
        super.onCreate();
        mInstance = this;
    }

    public static synchronized ApplicationController getInstance() {
        return mInstance;
    }

    public RequestQueue getRequestQueue() {
        if (mRequestQueue == null) {
            mRequestQueue =
                Volley.newRequestQueue(getApplicationContext());
        }

        return mRequestQueue;
    }

    public <T> void addToRequestQueue(Request<T> req, String tag) {
        req.setTag(TextUtils.isEmpty(tag) ? TAG : tag);
        getRequestQueue().add(req);
    }

    public <T> void addToRequestQueue(Request<T> req) {
        req.setTag(TAG);
        getRequestQueue().add(req);
    }

    public void cancelPendingRequests(Object tag) {
        if (mRequestQueue != null) {
            mRequestQueue.cancelAll(tag);
        }
    }
}

```

Login.java

```

    private void checkLogin(final String username, final String password)
    {
        progressDialog = new ProgressDialog(this);
        progressDialog.setCancelable(false);
        progressDialog.setMessage("Logging in ...");
        progressDialog.show();

        StringRequest strReq = new StringRequest(Request.Method.POST,
            url, new Response.Listener<String>() {

                @Override
                public void onResponse(String response) {
                    Log.e(TAG, "Login Response: " + response.toString());
                    progressDialog.hide();

                    try {
                        JSONObject jsonObj = new JSONObject(response);

```

```

        success = jsonObj.getInt(TAG_SUCCESS);

        // Check for error node in json
        if (success == 1) {
            String username = jsonObj.getString(TAG_user_name);
            String id = jsonObj.getString(TAG_id);

            Log.e("Successfully Login!", jsonObj.toString());

            Toast.makeText(getApplicationContext(),
jObj.getString(TAG_MESSAGE), Toast.LENGTH_LONG).show();

            // menyimpan login ke session
            SharedPreferences.Editor editor =
sharedpreferences.edit();
            editor.putBoolean(session_status, true);
            editor.putString(TAG_id, id);
            editor.putString(TAG_user_name, username);
            editor.commit();

            // Memanggil main activity
            Intent intent = new Intent(login.this,
tracking.class);
            intent.putExtra(TAG_id, id);
            intent.putExtra(TAG_user_name, username);
            finish();
            startActivity(intent);
        } else {
            Toast.makeText(getApplicationContext(),
jObj.getString(TAG_MESSAGE),
Toast.LENGTH_LONG).show();
        }
    } catch (JSONException e) {
        // JSON error
        e.printStackTrace();
    }
}, new Response.ErrorListener() {

    @Override
    public void onErrorResponse(VolleyError error) {
        Log.e(TAG, "Login Error: " + error.getMessage());
        Toast.makeText(getApplicationContext(),
            error.getMessage(), Toast.LENGTH_LONG).show();

        hideDialog();
    }
}) {

    @Override
    protected Map<String, String> getParams() {
        // Posting parameters to login url
        Map<String, String> params = new HashMap<>();
        params.put("user_name", username);
        params.put("user_password", password);

        return params;
    }
};

// Adding request to request queue
AppController.getInstance().addToRequestQueue(strReq,

```

```

tag_json_obj);
    }

    private void showDialog() {
        if (!pDialog.isShowing())
            pDialog.show();
    }

    private void hideDialog() {
        if (pDialog.isShowing())
            pDialog.dismiss();
    }
}

```

MainActivity.java

```

package com.example.hp.saverskeychaintracker;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}

```

tracking.java

```

package com.example.hp.saverskeychaintracker;

import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;
import android.graphics.Color;
import android.os.Bundle;
import android.os.CountDownTimer;
import android.support.v4.app.FragmentActivity;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.JsonArrayRequest;
import com.example.hp.saverskeychaintracker.Bantuan.AppConfig;
import com.example.hp.saverskeychaintracker.app.AppController;
import com.google.android.gms.maps.CameraUpdateFactory;
import com.google.android.gms.maps.GoogleMap;
import com.google.android.gms.maps.OnMapReadyCallback;
import com.google.android.gms.maps.SupportMapFragment;
import com.google.android.gms.maps.model.BitmapDescriptorFactory;
import com.google.android.gms.maps.model.LatLng;
import com.google.android.gms.maps.model.MarkerOptions;
import com.google.android.gms.maps.model.PolylineOptions;
import com.google.gson.Gson;
import com.google.gson.reflect.TypeToken;

import org.json.JSONArray;

```

```

import java.util.LinkedList;
import java.util.List;

public class tracking extends FragmentActivity implements
OnMapReadyCallback {

    private GoogleMap mMap;
    List<model_tracker> data_set;
    Button btnlogout;

    SharedPreferences sharedPreferences;
    public static final String session_status = "session_status";
    public final static String TAG_id = "id";
    public static final String my_shared_preferences =
"my_shared_preferences";

    //timer agar refersh data
    CountdownTimer cdt ;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_tracking);

        //timer 3 detik
        cdt = new CountdownTimer(3000,3000) {
            @Override
            public void onTick(long millisUntilFinished) {

            }

            @Override
            public void onFinish() {
                ambil_Data();

                cdt.start();
            }
        };

        cdt.start();

        sharedPreferences = getSharedPreferences(my_shared_preferences,
Context.MODE_PRIVATE);
        data_set = new LinkedList<>();
        // Obtain the SupportMapFragment and get notified when the map is
        ready to be used.
        SupportMapFragment mapFragment = (SupportMapFragment)
getSupportFragmentManager()
                .findFragmentById(R.id.map);
        mapFragment.getMapAsync(this);
        btnlogout = findViewById(R.id.btnlogout);
        btnlogout.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                SharedPreferences.Editor editor =
sharedPreferences.edit();
                editor.putBoolean(session_status, false);
                editor.commit();

                Intent pindah = new Intent(tracking.this, login.class);
                startActivity(pindah);
            }
        });
        ambil_Data();
    }
}

```

```

void ambil_Data() {
    String URL = AppConfig.SERVER_DATA + "lihat.php";
    JSONArrayRequest request = new JSONArrayRequest(URL + "?q=",
        new Response.Listener<JSONArray>() {
            @Override
            public void onResponse(JSONArray response) {
                if (response == null) {
                    Toast.makeText(tracking.this, "Couldn't fetch
the store items! Pleas try again.", Toast.LENGTH_LONG).show();
                    return;
                }

                List<model_tracker> items = new
Gson().fromJson(response.toString(), new TypeToken<List<model_tracker>>()
{
                    }.getType());

                data_set.clear();
                data_set.addAll(items);

                PolylineOptions options = new
PolylineOptions().width(5).color(Color.BLUE).geodesic(true);
                options.color(Color.RED);
                options.width(5);

                mMap.clear();
                for (int z = 0; z < items.size(); z++) {

                    try{
                        LatLng point = new
LatLng(Double.parseDouble(items.get(z).getLatitude()), Double.parseDouble(
items.get(z).getLongitude()));

                        options.add(point);
                        if (z==items.size()-1){
                            mMap.addMarker(new
MarkerOptions().position(point).title(items.get(z).getWaktu()).icon(Bitmapa
pDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE_RED));
                        }else{
                            mMap.addMarker(new
MarkerOptions().position(point).title(items.get(z).getWaktu()).icon(Bitmapa
pDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE_GREEN));
                        }

                        mMap.moveCamera(CameraUpdateFactory.newLatLng(point));

                        mMap.animateCamera(CameraUpdateFactory.zoomTo(20));

                    } catch (Exception es){
                        Log.e("Data", es.toString());
                    }

                }

                // line = mMap.addPolyline(options);
                mMap.addPolyline(options);

            }
        });
    Toast.LENGTH_SHORT).show();
    String tag_json_obj = "json_obj_req";

    ApplicationController.getInstance().addToRequestQueue(request, tag_json_obj);
}

```



```

    }

    @Override
    public void onMapReady(GoogleMap googleMap) {
        mMap = googleMap;

        // Add a marker in Sydney and move the camera
        LatLng sydney = new LatLng(-2.9547949, 104.6929235);
        // mMap.addMarker(new
        MarkerOptions().position(sydney).title("Palembang"));
        mMap.moveCamera(CameraUpdateFactory.newLatLng(sydney));
    }
}

```

model_tracker.java

```

package com.example.hp.saverskeychaintracker;

public class model_tracker {
    String latitude;
    String longitude;
    String waktu;

    public model_tracker(String latitude, String longitude, String waktu)
    {
        this.latitude = latitude;
        this.longitude = longitude;
        this.waktu = waktu;
    }

    public String getLatitude() {
        return latitude;
    }

    public void setLatitude(String latitude) {
        this.latitude = latitude;
    }

    public String getLongitude() {
        return longitude;
    }

    public String getWaktu() {
        return waktu;
    }

    public void setWaktu(String waktu) {
        this.waktu = waktu;
    }
}

```

NotificationUtils.java

```

package com.example.hp.saverskeychaintracker.util;

```

```

import android.app.Notification;
import android.app.NotificationChannel;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.ContentResolver;
import android.content.Context;
import android.content.Intent;
import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.media.Ringtone;
import android.media.RingtoneManager;
import android.net.Uri;
import android.os.Build;
import android.support.v4.app.NotificationCompat;
import android.text.Html;

import com.example.hp.saverskeychaintracker.MainActivity;
import com.example.hp.saverskeychaintracker.R;
import com.example.hp.saverskeychaintracker.vo.NotificationVO;

import java.io.IOException;
import java.io.InputStream;
import java.net.HttpURLConnection;
import java.net.URL;
import java.util.HashMap;
import java.util.Map;

public class NotificationUtils {
    private static final int NOTIFICATION_ID = 200;
    private static final String PUSH_NOTIFICATION = "pushNotification";
    private static final String CHANNEL_ID = "myChannel";
    private static final String CHANNEL_NAME = "myChannelName";
    private static final String URL = "url";
    private static final String ACTIVITY = "activity";
    Map<String, Class> activityMap = new HashMap<>();
    private Context mContext;

    public NotificationUtils(Context mContext) {
        this.mContext = mContext;
        //Populate activity map
        activityMap.put("MainActivity", MainActivity.class);
    }

    /**
     * Displays notification based on parameters
     *
     * @param notificationVO
     * @param resultIntent
     */
    public void displayNotification(NotificationVO notificationVO, Intent
resultIntent) {
        {
            String message = notificationVO.getMessage();
            String title = notificationVO.getTitle();
            String iconUrl = notificationVO.getIconUrl();
            String action = notificationVO.getAction();
            String destination = notificationVO.getActionDestination();
            Bitmap iconBitMap = null;
            if (iconUrl != null) {
                iconBitMap = getBitmapFromURL(iconUrl);
            }
            final int icon = R.mipmap.ic_launcher;

```

```

PendingIntent resultPendingIntent;

    if (URL.equals(action)) {
        Intent notificationIntent = new
Intent(Intent.ACTION_VIEW, Uri.parse(destination));

        resultPendingIntent = PendingIntent.getActivity(mContext,
0, notificationIntent, 0);
    } else if (ACTIVITY.equals(action) &&
    } else {
        resultIntent.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP |
Intent.FLAG_ACTIVITY_SINGLE_TOP);
        resultPendingIntent =
PendingIntent.getActivity(
            mContext,
            0,
            resultIntent,
            PendingIntent.FLAG_CANCEL_CURRENT
        );
    }

    final NotificationCompat.Builder mBuilder = new
NotificationCompat.Builder(
        mContext, CHANNEL_ID);

    Notification notification;

    if (iconBitMap == null) {
        //When Inbox Style is applied, user can expand the
notification
        NotificationCompat.InboxStyle inboxStyle = new
NotificationCompat.InboxStyle();

        inboxStyle.addLine(message);
        notification =
mBuilder.setSmallIcon(icon).setTicker(title).setWhen(0)
            .setAutoCancel(true)
            .setContentTitle(title)
            .setContentIntent(resultPendingIntent)
            .setStyle(inboxStyle)
            .setSmallIcon(R.mipmap.ic_launcher)

    } else {
        //If Bitmap is created from URL, show big icon
        NotificationCompat.BigPictureStyle bigPictureStyle = new
NotificationCompat.BigPictureStyle();
        bigPictureStyle.setBigContentTitle(title);

        bigPictureStyle.setSummaryText(Html.fromHtml(message).toString());
        bigPictureStyle.bigPicture(iconBitMap);
        notification =
mBuilder.setSmallIcon(icon).setTicker(title).setWhen(0)
            .setAutoCancel(true)
            .setContentTitle(title)
            .setContentIntent(resultPendingIntent)
            .setStyle(bigPictureStyle)
            .setSmallIcon(R.mipmap.ic_launcher)

        .setLargeIcon(BitmapFactory.decodeResource(mContext.getResources(),
icon))

            .setContentText(message)
            .build();

```

```

    }

    NotificationManager notificationManager =
(NotificationManager)
mContext.getSystemService(Context.NOTIFICATION_SERVICE);

    //All notifications should go through NotificationChannel on
Android 26 & above
    if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.O) {
        NotificationChannel channel = new
NotificationChannel(CHANNEL_ID,
CHANNEL_NAME,
NotificationManager.IMPORTANCE_DEFAULT);
        notificationManager.createNotificationChannel(channel);
    }

    private Bitmap getBitmapFromURL(String strURL) {
        try {
            URL url = new URL(strURL);
            HttpURLConnection connection = (HttpURLConnection)
url.openConnection();
            connection.setDoInput(true);
            connection.connect();
            InputStream input = connection.getInputStream();
            return BitmapFactory.decodeStream(input);
        }

        public void playNotificationSound() {
            try {
                Uri alarmSound =
Uri.parse(ContentResolver.SCHEME_ANDROID_RESOURCE
+ "://" + mContext.getPackageName() +
"/raw/notification");
                Ringtone r = RingtoneManager.getRingtone(mContext,
alarmSound);
                r.play();
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    }
}

```

Server.java

```

package com.example.hp.saverskeychaintracker.util;

/**
 * Created by ully on 12/03/2019.
 */

public class Server {
    public static final String URL =
"http://telkom15.com/ullyraihany/android/" ;
}

```

Activity_tracking.xml

```

<?xml version="1.0" encoding="utf-8" ?>

<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:map="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_height="match_parent"
android:layout_width="match_parent">

    <fragment
        android:id="@+id/map"
        android:name="com.google.android.gms.maps.SupportMapFragment"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginStart="0dp"
        android:layout_marginTop="0dp"
        tools:context=".tracking" />

    <Button
        android:id="@+id/btnlogout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentBottom="true"
        android:layout_marginStart="0dp"
        android:layout_marginBottom="8dp"
        android:text="LOG OUT"
        android:textColor="@color/colorPrimary"
        android:textColorLink="@color/colorAccent" />

    <TextView
        android:id="@+id/textView3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_marginEnd="0dp"
        android:layout_marginRight="0dp"
        android:text="Savers Keychain Tracker"
        android:textColor="@color/colorPrimary"
        android:textSize="24sp" />

</RelativeLayout>

```

Layar_login.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:background="@color/colorAccent"
android:gravity="center_vertical|center_horizontal"
android:orientation="vertical">

    <TextView
        android:id="@+id/textView"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"

```

```
    android:layout_marginTop="80dp"
    android:layout_marginBottom="20dp"
    android:background="@color/colorAccent"
    android:gravity="center"
    android:text="USERNAME"
    android:textColor="@color/colorPrimaryDark"
    android:textColorHint="@android:color/background_light"
    android:textColorLink="@android:color/background_light"
    android:textSize="20sp"
    android:textStyle="bold" />
```

```
<EditText
    android:id="@+id/etusername"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="80dp"
    android:layout_marginRight="80dp"
    android:background="@color/colorPrimary"
    android:ems="10"
    android:gravity="center"
    android:inputType="textPersonName"
    android:textColor="@android:color/darker_gray"
    android:textSize="24sp" />
```

```
<TextView
    android:id="@+id/textView2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="20dp"
    android:background="@android:color/transparent"
    android:gravity="center"
    android:text="PASSWORD"
    android:textColor="@color/colorPrimaryDark"
    android:textColorHint="@color/colorPrimary"
    android:textSize="20sp"
    android:textStyle="bold" />
```

```
<EditText
    android:id="@+id/etpassword"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="80dp"
    android:layout_marginRight="80dp"
    android:background="@color/colorPrimary"
    android:ems="10"
    android:gravity="center"
    android:inputType="textPersonName"
    android:textColor="@android:color/darker_gray"
    android:textColorHint="@android:color/darker_gray"
    android:textSize="24sp" />
```

```
<Button
    android:id="@+id/btn_login"
    android:layout_width="144dp"
    android:layout_height="wrap_content"
    android:layout_marginLeft="120dp"
    android:layout_marginTop="40dp"
    android:layout_marginRight="120dp"
    android:layout_weight="0"
    android:background="@android:color/darker_gray"
    android:text="LOGIN"
    android:textColor="@color/colorAccent"
    android:textSize="30sp" />
```

```
</LinearLayout>
```

Google_map_api.xml

```
<resources>
  <!--
    TODO: Before you run your application, you need a Google Maps API
    key.
  -->
  <string name="google_maps_key" templateMergeStrategy="preserve"
    translatable="false">AIzaSyD61oYQk2XSmsNqKOGp94dxszHXMB7NCfR30-8</string>
</resources>
```

Koding Hosting Database

Register.php

```
<?php

include_once "koneksi.php";

class usr{}

$username = $_POST["username"];
$password = $_POST["password"];
$confirm_password = $_POST["confirm_password"];

if ((empty($username))) {
    $response = new usr();
    $response->success = 0;
    $response->message = "Kolom username tidak boleh kosong";
    die(json_encode($response));
} else if ((empty($password))) {
    $response = new usr();
    $response->success = 0;
    $response->message = "Kolom password tidak boleh kosong";
    die(json_encode($response));
} else if ((empty($confirm_password)) || $password != $confirm_password) {
    $response = new usr();
    $response->success = 0;
    $response->message = "Konfirmasi password tidak sama";
    die(json_encode($response));
} else {
    if (!empty($username) && $password == $confirm_password){
        $num_rows = mysqli_num_rows(mysqli_query($con, "SELECT *
FROM users WHERE username='".$username."'"));

        if ($num_rows == 0){
            $query = mysqli_query($con, "INSERT INTO users (id,
username, password) VALUES(0,'" . $username . "','" . $password ."'");
```



```

                if ($query){
                    $response = new usr();
                    $response->success = 1;
                    $response->message = "Register berhasil,
silahkan login.";

                    die(json_encode($response));

                } else {
                    $response = new usr();
                    $response->success = 0;
                    $response->message = "Username sudah ada";
                    die(json_encode($response));
                }
            } else {
                $response = new usr();
                $response->success = 0;
                $response->message = "Username sudah ada";
                die(json_encode($response));
            }
        }
    }

    mysqli_close($con);
?>

```

Login.php

```

<?php
    include_once "koneksi.php";
    class usr{}
    // $id = $_POST["id"];
    $user_name = $_POST["user_name"];
    $user_password = $_POST["user_password"];

    if ((empty($user_name)) || (empty($user_password))) {
        $response = new usr();
        $response->success = 0;
        $response->message = "Kolom tidak boleh kosong";
        die(json_encode($response));
    }

    $query = mysqli_query($con, "SELECT * FROM user_login WHERE
user_name='$user_name' AND user_password='$user_password'");

    $row = mysqli_fetch_array($query);

```

```

if (!empty($row)){
    $response = new usr();
    $response->success = 1;
    $response->message = "Selamat datang ".$row['user_name'];
    $response->id = $row['id'];
    $response->user_name = $row['user_name'];
    die(json_encode($response));

} else {
    $response = new usr();
    $response->success = 0;
    $response->message = "Username atau password salah";
    die(json_encode($response));
}

mysqli_close($con);

?>

```

Notification.php

```

<?php
class Notification{
    private $title;
    private $message;
    private $image_url;
    private $action;
    private $action_destination;
    private $data;

    function __construct(){

    }

    public function setTitle($title){
        $this->title = $title;
    }

    public function setMessage($message){
        $this->message = $message;
    }

    public function setImage($imageUrl){
        $this->image_url = $imageUrl;
    }

    public function setAction($action){

```

```

        $this->action = $action;
    }

    public function setActionDestination($actionDestination){
        $this->action_destination = $actionDestination;
    }

    public function setPayload($data){
        $this->data = $data;
    }

    public function getNotificatin(){
        $notification = array();
        $notification['title'] = $this->title;
        $notification['message'] = $this->message;
        $notification['image'] = $this->image_url;
        $notification['action'] = $this->action;
        $notification['action_destination'] = $this->action_destination;
        return $notification;
    }
}
?>

```

Koneksi.php

```

<?php

    $server      = "localhost"; //sesuaikan dengan nama server
    $user        = "telkomco_ullyraihany"; //sesuaikan username
    $password    = "02*****"; //sesuaikan password
    $database    = "telkomco_db_saverskeychaintracker"; //sesuaikan target
    databese

    // $connect = mysql_connect($server, $user, $password) or die ("Koneksi
    gagal!");
    // mysql_select_db($database) or die ("Database belum siap!");

    /* ===== UNTUK MENGGUNAKAN MYSQLI DI UNREMARK YANG INI, YANG
    MYSQL_CONNECT DI REMARK ===== */
    $con = mysqli_connect($server, $user, $password, $database);
    if (mysqli_connect_errno()) {
        echo "Gagal terhubung MySQL: " . mysqli_connect_error();
    }
}

?>

```

Index.php

```

<!DOCTYPE html>
<html lang="en">
    <head>

```

```

        <title>Firebase Push Notification</title>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
    </head>
    <body>

        <div class="container">
            <div class="row">
                <div class="col-lg-6">
                    <h2>Send Firebase Push Notification |
AndroidDeft.Com</h2>

                    <hr />
                    <form action="" method="post">
                        <div class="form-group">
                            <label for="send_to">Send
To:</label>

                            <select name="send_to"
id="send_to" class="form-control">
                                <option
value="single">Single Device</option>
                                <option
value="topic">Topic</option>
                            </select>
                        </div>

                        <div class="form-group">
                            <label
for="firebase_api">Firebase Server API Key:</label>
                            <input type="text" required=""
class="form-control" id="firebase_api" placeholder="Enter Firebase Server API Key"
name="firebase_api">
                        </div>
                        <div class="form-group"
id="firebase_token_group">
                            <label
for="firebase_token">Firebase Token:</label>
                            <input type="text" required=""
class="form-control" id="firebase_token" placeholder="Enter Firebase Token"
name="firebase_token">
                        </div>
                        <div class="form-group" style="display:
none" id="topic_group">
                            <label for="topic">Topic
Name:</label>

```

```

        <input type="text" class="form-
control" id="topic" placeholder="Enter Topic Name" name="topic">
    </div>
    <div class="form-group">
        <label for="title">Title:</label>
        <input type="text" required=""
class="form-control" id="title" placeholder="Enter Notification Title" name="title">
    </div>
    <div class="form-group">
        <label
for="message">Message:</label>
        <textarea required=""
class="form-control" rows="5" id="message" placeholder="Enter Notification Message"
name="message"></textarea>
    </div>
    <div class="checkbox">
        <label><input
type="checkbox" id="include_image" name="include_image">Include Image</label>
    </div>
    <div class="form-group" style="display:
none" id="image_url_group">
        <label for="image_url">Image
URL:</label>
        <input type="url" class="form-
control" id="image_url" placeholder="Enter Image URL" name="image_url">
    </div>
    <div class="checkbox">
        <label><input type="checkbox"
id="include_action" name="include_action">Include Action</label>
    </div>
    <div class="form-group" style="display:
none" id="action_group">
        <label
for="action">Action:</label>
        <select name="action"
id="action" class="form-control">
            <option
value="url">Open URL</option>
            <option
value="activity">Open Activity</option>
        </select>
    </div>
    <div class="form-group" style="display:
none" id="action_destination_group">
        <label
for="action_destination">Destination:</label>
        <input type="text" class="form-
control" id="action_destination" placeholder="Enter Destination URL or Activity name"
name="action_destination">
    </div>

```

```

info">Submit</button>
                                <button type="submit" class="btn btn-
                                </form>
                                </div>
                                <div class="col-lg-6">
                                <?php
                                if(isset($_POST['title'])){
                                    require_once __DIR__ .
'/notification.php';
                                    $notification = new Notification();
                                    $title = $_POST['title'];
                                    $message =
isset($_POST['message'])?$_POST['message']:'';
                                    $imageUrl =
isset($_POST['image_url'])?$_POST['image_url']:'';
                                    $action =
isset($_POST['action'])?$_POST['action']:'';
                                    $actionDestination =
isset($_POST['action_destination'])?$_POST['action_destination']:'';
                                    if($actionDestination == ""){
                                        $action = "";
                                    }
                                    $notification->setTitle($title);
                                    $notification->setMessage($message);
                                    $notification->setImage($imageUrl);
                                    $notification->setAction($action);
                                    $notification-
>setActionDestination($actionDestination);
                                    $firebase_token =
$_POST['firebase_token'];
                                    $firebase_api = $_POST['firebase_api'];
                                    $topic = $_POST['topic'];
                                    $requestData = $notification-
>getNotificatin();
                                    if($_POST['send_to']=='topic'){
                                        $fields = array(
                                            'to' => '/topics/' .
$topic,
                                            'data' => $requestData,
                                        );

```

```

}else{

    $fields = array(
        'to' => $firebase_token,
        'data' => $requestData,
    );
}

// Set POST variables
$url =

'https://fcm.googleapis.com/fcm/send';

$firebase_api,

$headers = array(
    'Authorization: key=' .

    'Content-Type: application/json'
);

// Open connection
$ch = curl_init();

// Set the url, number of POST vars,

curl_setopt($ch, CURLOPT_URL, $url);

curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch,

CURLOPT_HTTPHEADER, $headers);

curl_setopt($ch,

CURLOPT_RETURNTRANSFER, true);

temporarily

curl_setopt($ch,

CURLOPT_SSL_VERIFYPEER, false);

json_encode($fields));

curl_error($ch));

// Execute post
$result = curl_exec($ch);
if($result === FALSE){
    die('Curl failed: ' .

}

// Close connection
curl_close($ch);

```



```

        $('#firebase_token_group').hide();

        $('#firebase_token').prop('required',false);
        }else{
            $('#topic_group').hide();
            $('#topic').prop('required',false);
            $('#firebase_token_group').show();

        $('#firebase_token').prop('required',true);
        }
    });
</script>
</body>
</html>

```

Controller

Crud_savers_keychain_tracker.php

```
<?php
```

```

class Crud_savers_keychain_tracker extends CI_Controller{

    function __construct(){
        parent::__construct();
        $this->load->model('M_data_savers_keychain_tracker');
        $this->load->helper('url');
    }

    function index(){
        $data['user'] = $this->M_data_savers_keychain_tracker->tampil_data()-
>result();

        $this->load->view ('Header');
        $this->load->view('V_tampil_savers_keychain_tracker',$data);
        $this->load->view ('Footer') ;
    }

    function tambah(){
        $this->load->view ('Header');
        $this->load->view('V_input_savers_keychain_tracker');
        $this->load->view ('Footer') ;
    }

    function tambah_aksi(){
        $latitude = $this->input->post('latitude');
        $longitude = $this->input->post('longitude');
        $waktu = $this->input->post('waktu');
        $id = $this->input->post('id');
    }
}

```

```

        $data = array(
            'latitude' => $latitude,
            'longitude' => $longitude,
            'waktu' => $waktu,
            'id' => $id
        );
        $this->M_data_savers_keychain_tracker-
>input_data($data,'savers_keychain_tracker');
        redirect('Crud_savers_keychain_tracker/index');
    }

    function hapus($id){
        $where = array('id' => $id);
        $this->M_data_savers_keychain_tracker-
>hapus_data($where,'savers_keychain_tracker');
        redirect('Crud_savers_keychain_tracker/index');
    }

    function edit($id){
        $where = array('id' => $id);
        $data['user'] = $this->M_data_savers_keychain_tracker-
>edit_data($where,'savers_keychain_tracker')->result();
        $this->load->view ('Header');
        $this->load->view('V_edit_savers_keychain_tracker',$data);
        $this->load->view ('Footer') ;
    }

    function update(){
        $nim = $this->input->post('latitude');
        $nama = $this->input->post('longitude');
        $Nohp = $this->input->post('waktu');
        $kelas = $this->input->post('id');

        $data = array(
            'latitude' => $latitude,
            'longitude' => $longitude,
            'waktu' => $waktu,
            'id' => $id,
        );

        $where = array(
            'id' => $id
        );

        $this->M_data_savers_keychain_tracker-
>update_data($where,$data,'savers_keychain_tracker');
        redirect('Crud_savers_keychain_tracker/index');
    }
}

```

?>

User_Authentication.php

```
<?php
```

```
//session_start(); //we need to start session in order to access it through CI
```

```
Class User_Authentication extends CI_Controller {
```

```
// Load form helper library  
$this->load->helper('form');
```

```
// Load form validation library  
$this->load->library('form_validation');
```

```
// Load session library  
//$this->load->library('session');
```

```
// Load database  
$this->load->model('login_database');  
}
```

```
// Show login page  
public function index() {  
$this->load->view('Header');  
$this->load->view('Login_form');  
$this->load->view('Footer');  
}
```

```
// Show registration page  
public function user_registration_show() {  
$this->load->view('Header');  
$this->load->view('Registration_form');  
$this->load->view('Footer');  
}
```

```
// Validate and store registration data in database  
public function new_user_registration() {
```

```
// Check validation for user input in SignUp form  
$this->form_validation->set_rules('username', 'Username', 'trim|required');  
$this->form_validation->set_rules('password', 'Password', 'trim|required');  
if ($this->form_validation->run() == FALSE) {  
$this->load->view('Registration_form');  
} else {  
$data = array(  
'user_name' => $this->input->post('username'),  
'user_password' => $this->input->post('password')  
);
```

```

$result = $this->login_database->registration_insert($data);
if ($result == TRUE) {
    $data['message_display'] = 'Registration Successfully !';
    $this->load->view('Login_form', $data);
} else {
    $data['message_display'] = 'Username already exist!';
    $this->load->view('Registration_form', $data);
}
}
}

// Check for user login process
public function user_login_process() {

    $this->form_validation->set_rules('username', 'Username', 'trim|required');
    $this->form_validation->set_rules('password', 'Password', 'trim|required');

    if ($this->form_validation->run() == FALSE) {
        if(isset($this->session->userdata['logged_in'])){

            //$this->load->view('Admin_page');
            redirect('Crud_savers_keychain_tracker');
        }else{
            $this->load->view('Login_form');
        }
    } else {
        $data = array(
            'username' => $this->input->post('username'),
            'password' => $this->input->post('password')
        );
        $result = $this->login_database->login($data);
        if ($result == TRUE) {

            $username = $this->input->post('username');
            $result = $this->login_database->read_user_information($username);
            if ($result != false) {
                $session_data = array(
                    'username' => $result[0]->user_name,
                    'email' => $result[0]->user_email,
                );
                // Add user data in session
                $this->session->set_userdata('logged_in', $session_data);
                redirect('Crud_savers_keychain_tracker');
            }
        } else {
            $data = array(
                'error_message' => 'Invalid Username or Password'
            );
            $this->load->view('Login_form', $data);
        }
    }
}

```

```

}
}

// Logout from admin page
public function logout() {

// Removing session data
$sess_array = array(
'username' => "
);
$this->session->unset_userdata('logged_in', $sess_array);
$data['message_display'] = 'Successfully Logout';
$this->load->view('Login_form', $data);
}

}

?>

```

M_data_savers_keychain_tracker.php

```

<?php

class M_data_savers_keychain_tracker extends CI_Model{
    function tampil_data(){
        return $this->db->get('savers_keychain_tracker');
    }

    function input_data($data,$table){
        $this->db->insert($table,$data);
    }

    function hapus_data($where,$table){
        $this->db->where($where);
        $this->db->delete($table);
    }

    function edit_data($where,$table){
        return $this->db->get_where($table,$where);
    }

    function update_data($where,$data,$table){
        $this->db->where($where);
        $this->db->update($table,$data);
    }
}

```

Uploaddata.php

```

<?php

```

```

$data = array();

$latitude = $_GET['latitude'];
$longitude = $_GET['longitude'];
// echo "Lat:". $latitude. "\nLng:". $longitude;

    $conn = mysqli_connect('localhost', 'telkomco_ullyraihany', '02*****',
'telkomco_db_saverskeychaintracker');
    $query = mysqli_query($conn, "insert into savers_keychain_tracker (latitude,
longitude) values ('".$latitude."','".$longitude."')");
    if ($query){
        $data['success'] = 1;
    }
    else{
        $data['success'] = 0;
    }

echo json_encode($data);

?>

```

Uploaddata_urgent.php

```

<?php

$data = array();

$latitude = $_GET['latitude'];
$longitude = $_GET['longitude'];
// echo "Lat:". $latitude. "\nLng:". $longitude;

    $conn = mysqli_connect('localhost', 'telkomco_ullyraihany', '02*****',
'telkomco_db_saverskeychaintracker');
    $query = mysqli_query($conn, "insert into savers_keychain_tracker (latitude,
longitude) values ('".$latitude."','".$longitude."')");
    if ($query){
        $data['success'] = 1;
    }
    else{
        $data['success'] = 0;
    }

    require_once __DIR__ . '/notification.php';
    $notification = new Notification();

```

```

bahaya !!!!';

$title = 'Bahaya!!!';
$message = 'Saya dalam keadaan

$imageUrl = "";
$action = "";

$actionDestination = "";

if($actionDestination == ""){
    $action = "";
}
$notification->setTitle($title);
$notification->setMessage($message);
$notification->setImage($imageUrl);
$notification->setAction($action);
$notification-
>setActionDestination($actionDestination);

$firebase_token = "";
$firebase_api =
'AAAAmz1S7KU:APA91bE7F0h8j6tlyyuW-FaWX6Fqmuu9uiRWd_sZp-XVa_IT-
j0a06GAu5cVfilkiMjvKyO4nVV3nSiq6cBJLdsmxasokxoakmxoakmpm01NIFVLehAPt8QYP1
Ll6GINcQa3KddScLVR5IpOa7WC9rVYXEQ!';

$topic = 'global';

$requestData = $notification-
>getNotificatin();

// if($_POST['send_to']=='topic'){
//     $fields = array(
//         'to' => '/topics/' .
//             $topic,
//         'data' => $requestData,
//     );
// }else{
//     $fields = array(
//         'to' => $firebase_token,
//         'data' => $requestData,
//     );
// }

// Set POST variables
$url =
'https://fcm.googleapis.com/fcm/send';

```

```

$firebase_api,
                                $headers = array(
                                    'Authorization: key=' .
                                    'Content-Type: application/json'
                                );

// Open connection
$ch = curl_init();

// Set the url, number of POST vars,
curl_setopt($ch, CURLOPT_URL, $url);

curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch,
CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch,
CURLOPT_RETURNTRANSFER, true);

// Disabling SSL Certificate support
curl_setopt($ch,
CURLOPT_SSL_VERIFYPEER, false);

curl_setopt($ch, CURLOPT_POSTFIELDS,
json_encode($fields));

// Execute post
$result = curl_exec($ch);
if($result === FALSE){
    die('Curl failed: ' .
curl_error($ch));
}

// Close connection
curl_close($ch);

// echo
'<h2>Result</h2><hr/><h3>Request </h3><p><pre>';
// echo
json_encode($fields,JSON_PRETTY_PRINT);
// echo '</pre></p><h3>Response
</h3><p><pre>';
// echo $result;
// echo '</pre></p>';

echo json_encode($data);

```


?>