**NASKAH FINAL PROJEK**

**UPDATE HARGA PASAR TRADISIONAL ( TEGAR )**

****

**Mata Kuliah : Pemrograman Mobile**

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**PROGRAM STUDI TEKNIK INFORMATIKA**

**STMIK AMIKOM PURWOKERTO**

**2018**

1. **TEORI**
   1. **Aplikasi**

Menurut Sri Widianti, Aplikasi merupakan sebuah software (perangkat lunak) yang bertugas sebagai front end pada sebuah sistem yang dipakai untuk mengelolah berbagai macam data sehingga menjadi sebuah informasi yang bermanfaat untuk penggunanya dan juga sistem yang berkaitan.

* 1. **Android**

Menurut Teguh Arifianto (2011 : 1), android merupakan perangkat bergerak pada sistem operasi untuk telepon seluler yang berbasis linux.

* 1. **Versi Android**

Daftar versi android :

* + 1. **Apple Pie / Alpha v1.0**
    2. **Banana Bread v1.1**
    3. **CupCake v1.5**
    4. **Donut v1.6**
    5. **Eclair v2.0-2.1**
    6. **Froyo/Forzen Yogurt v2.2**
    7. **Gingerbread v2.3**
    8. **Honeycomb v3.0-3.2**
    9. **Ice Cream Sandwich v4.0**
    10. **Jelly bean v4.1.2**
    11. **KitKat v4.4.2**
    12. **Lolipop v5.0**
    13. **Marsmelow v6.0**
    14. **Nougat v7.0**
    15. **Oreo v8.0**
  1. ***Smartphone***

Smartphone adalah sebuah telepone genggam yang memiliki fitur atau kemampuan tingkat tinggi, sering kali dalam penggunaanya menyerupai komputer, sehingga banyak orang mengartikan smarphone sebagai komputer genggam yang memiliki fasilitas telepone.

* 1. **Pasar Tradisional**

Pasar tradisional merupkan tempat bertemunya penjual dan pembeli serta ditandai dengan adanya transaksi penjual pembeli secara langsung dan biasanya ada proses tawar-menawar, bangunan biasanya terdiri dari kios-kios atau gerai,los dan dasaran terbuka yang dibuka oleh penjual maupun suatu pengelola pasar.

1. **TENTANG APLIKASI**
   1. **Latar Belakang**

Berdasarkan judul aplikasi yang kami buat “Update Harga Pasar Tradisional (TEGAR)” memiliki latar belakang yaitu karena kemajuan teknologi yang sangat pesat dalam bidang informasi memberikan kemudahan bagi manusia untuk menyebarkan maupun memperoleh informasi yang diinginkan. Salah satunya adalah aplikasi untuk pasar tradisional yang menunjang perkembangan informasi ini. Aplikasi memberikan layanan yang sangat efisien dan baik dalam hal teknologi informasi, karena cukup banyak diminati bagi para pengguna. Informasi dalam aplikasi ini dibuat menggunakan android studio.

* 1. **Tujuan dan Manfaat**

Tujuan dan Manfaat dibuatnya aplikasi :

1. Memberikan informasi harga di pasar tradisional khususnya di daerah Purwokerto
2. Memberikan informasi letak pasar tradisional di daerah Purwokerto
   1. **Fitur**

Fitur yang ada di aplikasi ini :

1. Login untuk admin
2. Harga kebutuhan pasar
3. Lokasi pasar di Purwokerto
   1. **Perangkat Lunak Pendukung**

Perangkat lunak pendukung dalam pembuatan aplikasi ini yaitu :

1. Android Studio 3.3
2. SQLite
   1. **Coding Program**

**File java**

* **MainActivity.java (untuk admin)**

package com.blogspot.sharkvalue.pasartradisional;

import android.content.Intent;

import android.os.Bundle;

import android.support.design.widget.NavigationView;

import android.support.v4.view.GravityCompat;

import android.support.v4.widget.DrawerLayout;

import android.support.v7.app.ActionBarDrawerToggle;

import android.support.v7.app.AppCompatActivity;

import android.support.v7.widget.Toolbar;

import android.view.Menu;

import android.view.MenuItem;

public class MainActivity extends AppCompatActivity

implements NavigationView.OnNavigationItemSelectedListener {

Menu tampilankeluar;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);

setSupportActionBar(toolbar);

getSupportFragmentManager().beginTransaction().replace(R.id.fragment, new BerandaFragment()).commit();

DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer\_layout);

ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(

this, drawer, toolbar, R.string.navigation\_drawer\_open, R.string.navigation\_drawer\_close);

drawer.setDrawerListener(toggle);

toggle.syncState();

NavigationView navigationView = (NavigationView) findViewById(R.id.nav\_view);

navigationView.setNavigationItemSelectedListener(this);

}

@Override

public void onBackPressed() {

DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer\_layout);

if (drawer.isDrawerOpen(GravityCompat.START)) {

drawer.closeDrawer(GravityCompat.START);

} else {

super.onBackPressed();

}

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

if (id == R.id.keluar) {

Intent keluar = new Intent(getApplicationContext(), Tampilanlogin.class);

startActivity(keluar);

return true;

}

return super.onOptionsItemSelected(item);

}

@SuppressWarnings("StatementWithEmptyBody")

@Override

public boolean onNavigationItemSelected(MenuItem item) {

// Handle navigation view item clicks here.

int id = item.getItemId();

if (id == R.id.Beranda) {

} else if (id == R.id.LokasiPasar) {

Intent lokasi = new Intent(getApplicationContext(), MapsActivity.class);

startActivity(lokasi);

} else if (id == R.id.Update) {

Intent Update = new Intent(getApplicationContext(),MainAct.class);

startActivity(Update);

}

DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer\_layout);

drawer.closeDrawer(GravityCompat.START);

return true;

}

}

* **Main2Activty.java (untuk pengguna)**

package com.blogspot.sharkvalue.pasartradisional;

import android.content.Intent;

import android.os.Bundle;

import android.support.design.widget.NavigationView;

import android.support.v4.view.GravityCompat;

import android.support.v4.widget.DrawerLayout;

import android.support.v7.app.ActionBarDrawerToggle;

import android.support.v7.app.AppCompatActivity;

import android.support.v7.widget.Toolbar;

import android.view.MenuItem;

import android.widget.FrameLayout;

public class Main2Activity extends AppCompatActivity

implements NavigationView.OnNavigationItemSelectedListener {

private long mbackpressed;

private static final int TIME\_INTERNAL = 2000;

private FrameLayout fgmt;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main2);

Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);

setSupportActionBar(toolbar);

DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer\_layout);

ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(

this, drawer, toolbar, R.string.navigation\_drawer\_open, R.string.navigation\_drawer\_close);

drawer.setDrawerListener(toggle);

toggle.syncState();

NavigationView navigationView = (NavigationView) findViewById(R.id.nav\_view);

navigationView.setNavigationItemSelectedListener(this);

fgmt = (FrameLayout) findViewById(R.id.fragment2);

getSupportFragmentManager().beginTransaction().replace(R.id.fragment2, new BerandaFragment()).commit();

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

return super.onOptionsItemSelected(item);

}

@SuppressWarnings("StatementWithEmptyBody")

@Override

public boolean onNavigationItemSelected(MenuItem item) {

// Handle navigation view item clicks here.

int id = item.getItemId();

if (id == R.id.Beranda) {

Intent intent = new Intent(getApplicationContext(), FoodList.class);

startActivity(intent);

} else if (id == R.id.LokasiPasar) {

Intent lokasi = new Intent(getApplicationContext(), MapsActivity.class);

startActivity(lokasi);

}

DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer\_layout);

drawer.closeDrawer(GravityCompat.START);

return true;

}

}

* **MainAct (untuk database)**

package com.blogspot.sharkvalue.pasartradisional;

import android.\*;

import android.Manifest;

import android.content.Intent;

import android.content.pm.PackageManager;

import android.graphics.Bitmap;

import android.graphics.BitmapFactory;

import android.graphics.drawable.BitmapDrawable;

import android.net.Uri;

import android.support.annotation.NonNull;

import android.support.v4.app.ActivityCompat;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.Toast;

import java.io.ByteArrayOutputStream;

import java.io.FileNotFoundException;

import java.io.InputStream;

public class MainAct extends AppCompatActivity {

EditText edtName, edtPrice;

Button btnChoose, btnAdd, btnList;

ImageView imageView;

final int REQUEST\_CODE\_GALLERY = 999;

public static SQLiteHelper sqLiteHelper;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main3);

init();

sqLiteHelper = new SQLiteHelper(this, "FoodDB.sqlite", null, 1);

sqLiteHelper.queryData("CREATE TABLE IF NOT EXISTS FOOD(id INTEGER PRIMARY KEY AUTOINCREMENT, name VARCHAR, price VARCHAR, image BLOG)");

btnChoose.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

ActivityCompat.requestPermissions(

MainAct.this,

new String[]{Manifest.permission.READ\_EXTERNAL\_STORAGE},

REQUEST\_CODE\_GALLERY

);

}

});

btnAdd.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

try {

sqLiteHelper.insertData(

edtName.getText().toString().trim(),

edtPrice.getText().toString().trim(),

imageViewToByte(imageView)

);

Toast.makeText(getApplicationContext(), "Berhasil menambahkan", Toast.LENGTH\_SHORT).show();

edtName.setText("");

edtPrice.setText("");

imageView.setImageResource(R.mipmap.ic\_launcher);

} catch (Exception e) {

e.printStackTrace();

}

}

});

btnList.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent = new Intent(MainAct.this, FoodList.class);

startActivity(intent);

}

});

}

private byte[] imageViewToByte(ImageView image) {

Bitmap bitmap = ((BitmapDrawable) image.getDrawable()).getBitmap();

ByteArrayOutputStream stream=new ByteArrayOutputStream();

bitmap.compress(Bitmap.CompressFormat.PNG,100,stream);

byte[] byteArray = stream.toByteArray();

return byteArray;

}

@Override

public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) {

if (requestCode == REQUEST\_CODE\_GALLERY){

if(grantResults.length>0 && grantResults [0]== PackageManager.PERMISSION\_GRANTED){

Intent intent = new Intent(Intent.ACTION\_PICK);

intent.setType("image/\*");

startActivityForResult(intent,REQUEST\_CODE\_GALLERY);

}

else{

Toast.makeText(getApplicationContext(),"Kamu tidak punya akses file",Toast.LENGTH\_SHORT).show();

}

return;

}

super.onRequestPermissionsResult(requestCode, permissions, grantResults);

}

@Override

protected void onActivityResult(int requestCode, int resultCode, Intent data) {

if(requestCode==REQUEST\_CODE\_GALLERY && resultCode == RESULT\_OK && data !=null){

Uri uri = data.getData();

try {

InputStream inputStream = getContentResolver().openInputStream(uri);

Bitmap bitmap = BitmapFactory.decodeStream(inputStream);

imageView.setImageBitmap(bitmap);

} catch (FileNotFoundException e) {

e.printStackTrace();

}

}

super.onActivityResult(requestCode, resultCode, data);

}

private void init(){

edtName = (EditText) findViewById(R.id.edtName);

edtPrice = (EditText) findViewById(R.id.edtPrice);

btnChoose = (Button) findViewById(R.id.btnChoose);

btnAdd= (Button) findViewById(R.id.btnAdd);

btnList = (Button) findViewById(R.id.btnList);

imageView = (ImageView) findViewById(R.id.imageView);

}

}

* **SQLiteHelper.java**

package com.blogspot.sharkvalue.pasartradisional;

import android.content.Context;

import android.database.Cursor;

import android.database.sqlite.SQLiteDatabase;

import android.database.sqlite.SQLiteOpenHelper;

import android.database.sqlite.SQLiteStatement;

/\*\*

\* Created by user on 02/02/2018.

\*/

public class SQLiteHelper extends SQLiteOpenHelper {

public SQLiteHelper(Context context, String name, SQLiteDatabase.CursorFactory factory, int version) {

super(context, name, factory, version);

}

public void queryData(String sql){

SQLiteDatabase database = getWritableDatabase();

database.execSQL(sql);

}

public void insertData(String name, String price, byte[] image){

SQLiteDatabase database = getWritableDatabase();

String sql = "INSERT INTO FOOD VALUES(NULL, ?, ?, ?)";

SQLiteStatement statement = database.compileStatement(sql);

statement.clearBindings();

statement.bindString(1, name);

statement.bindString(2, price);

statement.bindBlob(3, image);

statement.executeInsert();

}

public Cursor getData(String sql){

SQLiteDatabase database = getReadableDatabase();

return database.rawQuery(sql, null);

}

@Override

public void onCreate(SQLiteDatabase sqLiteDatabase) {

}

@Override

public void onUpgrade(SQLiteDatabase sqLiteDatabase, int i, int i1) {

}

}

* **Splash.java**

package com.blogspot.sharkvalue.pasartradisional;

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.animation.Animation;

import android.view.animation.AnimationUtils;

import android.widget.ImageView;

import android.widget.TextView;

public class splash extends AppCompatActivity {

private TextView tv;

private ImageView iv;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_splash);

tv = (TextView) findViewById(R.id.tv);

iv= (ImageView) findViewById(R.id.iv);

Animation myanim = AnimationUtils.loadAnimation(this,R.anim.mytranstion);

tv.startAnimation(myanim);

iv.startAnimation(myanim);

final Intent i=new Intent(this,Tampilanlogin.class);

Thread timer = new Thread(){

public void run(){

try{

sleep(5000);

} catch (InterruptedException e) {

e.printStackTrace();

}

finally {

startActivity(i);

finish();

}

}

};

timer.start();

}

}

* **Tampilanlogin.java**

package com.blogspot.sharkvalue.pasartradisional;

import android.content.DialogInterface;

import android.content.Intent;

import android.support.v7.app.AlertDialog;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

public class Tampilanlogin extends AppCompatActivity {

private Button login, batal, melihat;

private EditText username, password;

private String user, pass;

private Button sbm;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.login\_activity);

}

public void Login(View v) {

username = (EditText) findViewById(R.id.id);

password = (EditText) findViewById(R.id.password);

melihat = (Button) findViewById(R.id.melihat);

user = username.getText().toString();

pass = password.getText().toString();

if ((user.contains("123")) && (pass.contains("123"))) {

Intent login = new Intent(getApplicationContext(), MainActivity.class);

login.putExtra("username", username.getText().toString());

startActivity(login);

} else {

AlertDialog.Builder builder = new AlertDialog.Builder(Tampilanlogin.this);

builder.setMessage("Username dan Password anda salah atau belum diisi")

.setNegativeButton("Ulangi", null).create().show();

}

}

public void btnKeluar(View view) {

sbm = (Button) findViewById(R.id.btnKeluar);

sbm.setOnClickListener(

new View.OnClickListener() {

@Override

public void onClick(View view) {

AlertDialog.Builder a\_builder = new AlertDialog.Builder(Tampilanlogin.this);

a\_builder.setMessage("Apakah anda ingin menutup Aplikasi ini ?")

.setCancelable(false)

.setPositiveButton("Ya", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

finish();

}

})

.setNegativeButton("Tidak", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

});

AlertDialog alert = a\_builder.create();

alert.setTitle("Pemberitahuan");

alert.show();

}

}

);

}

public void melihat(View view) {

Intent melihat = new Intent(Tampilanlogin.this, Main2Activity.class);

startActivity(melihat);

}

}

* **BerandaFragment.java**

package com.blogspot.sharkvalue.pasartradisional;

import android.content.Intent;

import android.os.Bundle;

import android.support.v4.app.Fragment;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

/\*\*

\* A simple {@link Fragment} subclass.

\*/

public class BerandaFragment extends Fragment {

public BerandaFragment() {

// Required empty public constructor

}

@Override

public View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

// Inflate the layout for this fragment

return inflater.inflate(R.layout.fragment\_beranda, container, false);

}

}

* **Content\_main2.java**

package com.blogspot.sharkvalue.pasartradisional;

import android.content.Intent;

import android.os.Build;

import android.os.Bundle;

import android.support.v7.app.AppCompatActivity;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

/\*\*

\* Created by user on 03/02/2018.

\*/

public class content\_main2 extends AppCompatActivity {

Button btndata;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.content\_main2);

btndata = (Button) findViewById(R.id.btndata);

btndata.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent = new Intent(getApplicationContext(), FoodList.class);

startActivity(intent);

}

});

}

}

* **Food.java**

package com.blogspot.sharkvalue.pasartradisional;

/\*\*

\* Created by user on 03/02/2018.

\*/

public class Food {

private int id;

private String name;

private String price;

private byte[] image;

public Food(int id, String name, String price, byte[] image) {

this.id = id;

this.name = name;

this.price = price;

this.image = image;

}

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getPrice() {

return price;

}

public void setPrice(String price) {

this.price = price;

}

public byte[] getImage() {

return image;

}

public void setImage(byte[] image) {

this.image = image;

}

}

* **FoodList.java**

package com.blogspot.sharkvalue.pasartradisional;

import android.database.Cursor;

import android.os.Bundle;

import android.os.PersistableBundle;

import android.support.annotation.Nullable;

import android.support.v7.app.AppCompatActivity;

import android.widget.GridView;

import java.util.ArrayList;

/\*\*

\* Created by user on 03/02/2018.

\*/

public class FoodList extends AppCompatActivity{

GridView gridView;

ArrayList<Food> list;

FoodListAdapter adapter = null;

@Override

public void onCreate(@Nullable Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.fragment\_beranda);

gridView = (GridView) findViewById(R.id.gridView);

list = new ArrayList<>();

adapter = new FoodListAdapter(this, R.layout.food\_item, list);

gridView.setAdapter(adapter);

Cursor cursor = MainAct.sqLiteHelper.getData("SELECT \* FROM FOOD");

list.clear();

while (cursor.moveToNext()){

int id = cursor.getInt(0);

String name = cursor.getString(1);

String price = cursor.getString(2);

byte[] image = cursor.getBlob(3);

list.add(new Food(id,name, price, image));

}

adapter.notifyDataSetChanged();

}

}

* **FoodListAdapter.java**

package com.blogspot.sharkvalue.pasartradisional;

import android.content.Context;

import android.graphics.Bitmap;

import android.graphics.BitmapFactory;

import android.media.Image;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.BaseAdapter;

import android.widget.ImageView;

import android.widget.TextView;

import java.util.ArrayList;

/\*\*

\* Created by user on 03/02/2018.

\*/

public class FoodListAdapter extends BaseAdapter {

private Context context;

private int Layout;

private ArrayList<Food> foodsList;

public FoodListAdapter(Context context, int layout, ArrayList<Food> foodsList) {

this.context = context;

Layout = layout;

this.foodsList = foodsList;

}

@Override

public int getCount() {

return foodsList.size();

}

@Override

public Object getItem(int position) {

return foodsList.get(position);

}

@Override

public long getItemId(int position) {

return position;

}

private class ViewHolder{

ImageView imageView;

TextView txtname, txtprice;

}

@Override

public View getView(int position, View view, ViewGroup viewGroup) {

View row = view;

ViewHolder holder = new ViewHolder();

if (row==null){

LayoutInflater inflater = (LayoutInflater) context.getSystemService(Context.LAYOUT\_INFLATER\_SERVICE);

row = inflater.inflate(Layout, null);

holder.txtname=(TextView) row.findViewById(R.id.txtName);

holder.txtprice=(TextView) row.findViewById(R.id.txtPrice);

holder.imageView=(ImageView) row.findViewById(R.id.imgFood);

row.setTag(holder);

}

else{

holder= (ViewHolder) row.getTag();

}

Food food = foodsList.get(position);

holder.txtname.setText(food.getName());

holder.txtprice.setText(food.getPrice());

byte[] foodImage = food.getImage();

Bitmap bitmap = BitmapFactory.decodeByteArray(foodImage, 0, foodImage.length);

holder.imageView.setImageBitmap(bitmap);

return row;

}

}

* **MapsActivity.java**

package com.blogspot.sharkvalue.pasartradisional;

import android.Manifest;

import android.app.Activity;

import android.content.Context;

import android.content.DialogInterface;

import android.content.Intent;

import android.content.pm.PackageManager;

import android.graphics.Color;

import android.location.Location;

import android.os.Build;

import android.support.v4.app.ActivityCompat;

import android.support.v4.app.FragmentActivity;

import android.os.Bundle;

import android.support.v4.content.ContextCompat;

import android.widget.Button;

import android.widget.TextView;

import android.widget.Toast;

import com.google.android.gms.common.ConnectionResult;

import com.google.android.gms.common.api.GoogleApiClient;

import com.google.android.gms.location.LocationListener;

import com.google.android.gms.location.LocationRequest;

import com.google.android.gms.location.LocationServices;

import com.google.android.gms.location.LocationSettingsRequest;

import com.google.android.gms.location.LocationSettingsStates;

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.CameraPosition;

import com.google.android.gms.maps.model.LatLng;

import com.google.android.gms.maps.model.Marker;

import com.google.android.gms.maps.model.MarkerOptions;

import com.google.android.gms.maps.model.PolylineOptions;

public class MapsActivity extends FragmentActivity implements OnMapReadyCallback,

GoogleApiClient.ConnectionCallbacks,

GoogleApiClient.OnConnectionFailedListener,

LocationListener {

private GoogleMap mMap;

GoogleApiClient mGoogleApiClient;

Location mLastLocation;

Marker mCurrLocationMarker;

LocationRequest mLocationRequest;

Context context;

LocationSettingsRequest.Builder locationSettingsRequest;

public static final int REQUEST\_LOCATION=001;

Double distKm;

TextView tvjudul, tvlat, tvlong, tvalamat, tvtgl, tvjam, tvrad;

Button Refresh;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_maps);

// 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);

//jika hape anda lollipop atau marshmallow ata lebih tinggi lagi

if ((android.os.Build.VERSION.SDK\_INT >= Build.VERSION\_CODES.M) && (android.os.Build.VERSION.SDK\_INT == Build.VERSION\_CODES.LOLLIPOP)) {

checkLocationPermission();

}

}

@Override

public void onMapReady(GoogleMap googleMap) {

mMap = googleMap;

mMap.setMapType(GoogleMap.MAP\_TYPE\_HYBRID);

mMap.setIndoorEnabled(true);

//Memulai Google Play Services

if (android.os.Build.VERSION.SDK\_INT >= Build.VERSION\_CODES.M) {

if (ContextCompat.checkSelfPermission(this,

android.Manifest.permission.ACCESS\_FINE\_LOCATION)

== PackageManager.PERMISSION\_GRANTED) {

buildGoogleApiClient();

mMap.setMyLocationEnabled(true); //aktifkan lokasi sekarang

}

}

else {

buildGoogleApiClient();

mMap.setMyLocationEnabled(true); //aktifkan lokasi sekarang

}

}

protected synchronized void buildGoogleApiClient() {

mGoogleApiClient = new GoogleApiClient.Builder(this) //digunakan untuk konfigurasi klien.

.addConnectionCallbacks(this) //menyediakan callback yang diperlukan saat

.addOnConnectionFailedListener(this) //menyediakan callback yang diperlukan saat klien gagal terhubung dengan layanan.

.addApi(LocationServices.API) //menambahkan LocationServices API titik akhir Google Play

.build();

mGoogleApiClient.connect(); //klien harus terhubung terlebih dahulu sebelum dapat melakukan sebuah operasi.

}

@Override

public void onConnected(Bundle bundle) { //ketika terkoneksi pada maps

//request lokasi terbaru setiap 1 detik

LocationRequest mLocationRequest = new LocationRequest();

mLocationRequest.setInterval(1000);

mLocationRequest.setFastestInterval(1000);

mLocationRequest.setPriority(LocationRequest.PRIORITY\_BALANCED\_POWER\_ACCURACY);

if (ContextCompat.checkSelfPermission(this,

android.Manifest.permission.ACCESS\_FINE\_LOCATION)

== PackageManager.PERMISSION\_GRANTED) {

LocationServices.FusedLocationApi.requestLocationUpdates(mGoogleApiClient, mLocationRequest, this);

}

}

@Override

protected void onActivityResult(int requestCode, int resultCode, Intent data) { //jika gps aktif atau nonaktif

final LocationSettingsStates states = LocationSettingsStates.fromIntent(data);

switch (requestCode) {

case REQUEST\_LOCATION:

switch (resultCode) {

case Activity.RESULT\_OK:

// All required changes were successfully made

Toast.makeText(context, "Gps enabled", Toast.LENGTH\_SHORT).show();

break;

case Activity.RESULT\_CANCELED:

// The user was asked to change settings, but chose not to

Toast.makeText(context, "Gps Canceled", Toast.LENGTH\_SHORT).show();

break;

default:

break;

}

break;

}

}

public static final int MY\_PERMISSIONS\_REQUEST\_LOCATION = 99;

public boolean checkLocationPermission() { //pertanyaan perizinan

if (ContextCompat.checkSelfPermission(this,

Manifest.permission.ACCESS\_FINE\_LOCATION)

!= PackageManager.PERMISSION\_GRANTED) {

// Should we show an explanation?

if ((ContextCompat.checkSelfPermission(this, android.Manifest.permission.ACCESS\_FINE\_LOCATION) ==

PackageManager.PERMISSION\_GRANTED) && (ContextCompat.checkSelfPermission(this, android.Manifest.permission.ACCESS\_COARSE\_LOCATION) ==

PackageManager.PERMISSION\_GRANTED)) {

// Show an explanation to the user \*asynchronously\* -- don't block

// this thread waiting for the user's response! After the user

// sees the explanation, try again to request the permission.

new android.support.v7.app.AlertDialog.Builder(this) //pertanyaan perizinan

.setTitle("Izin lokasi")

.setMessage("Aplikasi ini membutuhkan akses lokasi, izinkan?")

.setPositiveButton("OKE", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

//Prompt the user once explanation has been shown

ActivityCompat.requestPermissions(MapsActivity.this,

new String[]{Manifest.permission.ACCESS\_FINE\_LOCATION, Manifest.permission.ACCESS\_COARSE\_LOCATION},

MY\_PERMISSIONS\_REQUEST\_LOCATION);

}

})

.create()

.show();

} else {

// No explanation needed, we can request the permission.

ActivityCompat.requestPermissions(this,

new String[]{Manifest.permission.ACCESS\_FINE\_LOCATION},

MY\_PERMISSIONS\_REQUEST\_LOCATION);

}

return false;

} else {

return true;

}

}

@Override

public void onConnectionSuspended(int i) {

}

//ketika lokasi berubah

@Override

public void onLocationChanged(Location location) {

mLastLocation = location;

if (mCurrLocationMarker != null) {

mCurrLocationMarker.remove();

}

//LANG DAN LONG YANG SEDANG AKTIF / LOKASI KITA SEKARANG

Double lngc = location.getLongitude(); //menampung variabel untuk lokasi kita terkini

Double latc = location.getLatitude();

//LAT DAN LONG YANG DIKIRIM DARI PICKER DI MAIN ACTIVITY

//Double lat = Double.valueOf(tvlat.getText().toString()); //menampung variabel lattitudr yg diambil dari nilai textview tvlat

//Double lng = Double.valueOf(tvlong.getText().toString()); ////menampung variabel lattitudr yg diambil dari nilai textview tvlat

//parameter judul

//String judul = tvjudul.getText().toString(); //nampung nilai

// Add para meter untuk menampung nilai LatLng dari inputan

// LatLng target = new LatLng(lat, lng);

// Add para meter untuk menampung nilai LatLng dari lokasi device

LatLng current = new LatLng(latc, lngc);

//tvrad.setText(String.valueOf(distKm)+ " km"); //menyisipkan nilai radius

//Place current location marker

MarkerOptions markerOptions = new MarkerOptions();

markerOptions.position(current);

markerOptions.title("Posisi Anda Sekarang");

markerOptions.icon(BitmapDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE\_AZURE));

mCurrLocationMarker = mMap.addMarker(markerOptions);

LatLng pasar = new LatLng(-7.420556, 109.199302);

//tvrad.setText(String.valueOf(distKm)+ " km"); //menyisipkan nilai radius

//Place current location marker

MarkerOptions markerpasar = new MarkerOptions();

markerpasar.position(pasar);

markerpasar.title("Pasar Kliwon");

markerOptions.icon(BitmapDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE\_AZURE));

mCurrLocationMarker = mMap.addMarker(markerpasar);

LatLng pasar1 = new LatLng(-7.409460, 109.201871);

//tvrad.setText(String.valueOf(distKm)+ " km"); //menyisipkan nilai radius

//Place current location marker

MarkerOptions markerpasar1 = new MarkerOptions();

markerpasar1.position(pasar1);

markerpasar1.title("Pasar Pahing");

markerOptions.icon(BitmapDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE\_AZURE));

mCurrLocationMarker = mMap.addMarker(markerpasar1);

LatLng pasar2 = new LatLng(-7.426036, 109.250260);

//tvrad.setText(String.valueOf(distKm)+ " km"); //menyisipkan nilai radius

//Place current location marker

MarkerOptions markerpasar2 = new MarkerOptions();

markerpasar2.position(pasar2);

markerpasar2.title("Pasar Wage");

markerOptions.icon(BitmapDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE\_AZURE));

mCurrLocationMarker = mMap.addMarker(markerpasar2);

LatLng pasar3 = new LatLng(-7.423521, 109.221124);

//tvrad.setText(String.valueOf(distKm)+ " km"); //menyisipkan nilai radius

//Place current location marker

MarkerOptions markerpasar3 = new MarkerOptions();

markerpasar3.position(pasar3);

markerpasar3.title("Pasar Pon");

markerOptions.icon(BitmapDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE\_AZURE));

mCurrLocationMarker = mMap.addMarker(markerpasar3);

LatLng pasar4 = new LatLng(-7.418675, 109.227902);

//tvrad.setText(String.valueOf(distKm)+ " km"); //menyisipkan nilai radius

//Place current location marker

MarkerOptions markerpasar4 = new MarkerOptions();

markerpasar4.position(pasar4);

markerpasar4.title("Pasar Manis");

markerOptions.icon(BitmapDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE\_AZURE));

mCurrLocationMarker = mMap.addMarker(markerpasar4);

LatLng pasar5 = new LatLng(-7.397029, 109.232144);

//tvrad.setText(String.valueOf(distKm)+ " km"); //menyisipkan nilai radius

//Place current location marker

MarkerOptions markerpasar5 = new MarkerOptions();

markerpasar5.position(pasar5);

markerpasar5.title("Pasar Cerme");

markerOptions.icon(BitmapDescriptorFactory.defaultMarker(BitmapDescriptorFactory.HUE\_AZURE));

mCurrLocationMarker = mMap.addMarker(markerpasar5);

//Menbuat marker (penanda)

/\* mMap.addMarker(new MarkerOptions()

.position(target) // ambil posisi dari parameter LatLng inputan sebelumnya

.title(judul) // judul dari keterangan marker

.snippet("Radius = "+ String.valueOf(distKm) + " (km)")); // keterangan radius (dibawah judul)

mMap.moveCamera(CameraUpdateFactory.newLatLngZoom(target, 14)); // mengambil zoom view pada map dengan nilai fokus 14

mMap.addPolyline(new PolylineOptions().add // membuat garis pengsubung dari lokasi device ke lokasi kejadian

(

target, current // dari lokasi device menuju ke lokasi marker

)

.width(3) // tebal garis

.color(Color.RED) // warna garis

);\*/

CameraPosition cameraPosition = new CameraPosition.Builder().target(new LatLng(current.latitude, current.longitude)).zoom(16).build();

mMap.animateCamera(CameraUpdateFactory.newCameraPosition(cameraPosition));

//menghentikan pembaruan lokasi

if (mGoogleApiClient != null) {

LocationServices.FusedLocationApi.removeLocationUpdates(mGoogleApiClient, this);

}

}

@Override

public void onConnectionFailed(ConnectionResult connectionResult) {

}

@Override

public void onRequestPermissionsResult(int requestCode, String permissions[], int[] grantResults) { //hasil perizinan lokasi

switch (requestCode) {

case MY\_PERMISSIONS\_REQUEST\_LOCATION: {

if (grantResults.length > 0

&& grantResults[0] == PackageManager.PERMISSION\_GRANTED) {

// Izin diberikan.

if (ContextCompat.checkSelfPermission(this,

android.Manifest.permission.ACCESS\_FINE\_LOCATION)

== PackageManager.PERMISSION\_GRANTED) {

if (mGoogleApiClient == null) {

buildGoogleApiClient();

}

mMap.setMyLocationEnabled(true);

}

} else {

// Izin ditolak.

Toast.makeText(this, "permission denied", Toast.LENGTH\_LONG).show(); //ditolak

}

return;

}

}

}

}

**File xml**

* **Activity\_main.xml**

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

<android.support.v4.widget.DrawerLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:id="@+id/drawer\_layout"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:fitsSystemWindows="true"

tools:openDrawer="start">

<include

layout="@layout/app\_bar\_main"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent" />

<android.support.design.widget.NavigationView

android:id="@+id/nav\_view"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_gravity="start"

android:fitsSystemWindows="true"

app:headerLayout="@layout/nav\_header\_main"

app:menu="@menu/activity\_main\_drawer" />

</android.support.v4.widget.DrawerLayout>

* **Activity\_main2.xml**

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

<android.support.v4.widget.DrawerLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:id="@+id/drawer\_layout"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:fitsSystemWindows="true"

tools:openDrawer="start">

<include

layout="@layout/app\_bar\_main2"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent" />

<android.support.design.widget.NavigationView

android:id="@+id/nav\_view"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_gravity="start"

android:fitsSystemWindows="true"

app:headerLayout="@layout/nav\_header\_main2"

app:menu="@menu/activity\_main2\_drawer" />

</android.support.v4.widget.DrawerLayout>

* **Activity\_main3.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:paddingBottom="16dp"

android:paddingLeft="16dp"

android:paddingRight="16dp"

android:paddingTop="16dp"

android:layout\_height="match\_parent"

tools:context="com.blogspot.sharkvalue.pasartradisional.MainAct">

<EditText

android:id="@+id/edtName"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:ems="10"

android:inputType="textPersonName"

android:hint="Nama" />

<EditText

android:id="@+id/edtPrice"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/edtName"

android:layout\_marginTop="20dp"

android:ems="10"

android:inputType="textPersonName"

android:hint="Harga" />

<ImageView

android:id="@+id/imageView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/edtPrice"

android:layout\_marginTop="52dp"

app:srcCompat="@drawable/coffe"

android:layout\_alignParentStart="true" />

<Button

android:id="@+id/btnChoose"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="32dp"

android:onClick="choose"

android:text="Pilih Gambar"

android:layout\_alignTop="@+id/imageView"

android:layout\_alignParentEnd="true" />

<Button

android:id="@+id/btnAdd"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:onClick="add"

android:layout\_below="@+id/imageView"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="39dp"

android:text="Tambahkan" />

<Button

android:id="@+id/btnList"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/btnAdd"

android:layout\_centerHorizontal="true"

android:onClick="list"

android:layout\_marginTop="22dp"

android:text="List Menu" />

</RelativeLayout>

* **Activity\_maps.xml**

<fragment 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:id="@+id/map"

android:name="com.google.android.gms.maps.SupportMapFragment"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.blogspot.sharkvalue.pasartradisional.MapsActivity" />

* **Activity\_splash.xml**

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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:background="@color/colorAccent"

tools:context="com.blogspot.sharkvalue.pasartradisional.splash">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:background="@color/colorPrimary"

android:gravity="center"

android:orientation="vertical"

tools:layout\_editor\_absoluteX="8dp"

tools:layout\_editor\_absoluteY="8dp">

<TextView

android:id="@+id/tv"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:text="PASAR TRADISIONAL"

android:textAlignment="center"

android:textSize="30sp"

android:textStyle="italic" />

<ImageView

android:id="@+id/iv"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_gravity="center"

android:background="@drawable/splash" />

</LinearLayout>

</LinearLayout>

* **App\_bar\_main.xml**

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

<android.support.design.widget.CoordinatorLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.blogspot.sharkvalue.pasartradisional.MainActivity">

<android.support.design.widget.AppBarLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:theme="@style/AppTheme.AppBarOverlay">

<android.support.v7.widget.Toolbar

android:id="@+id/toolbar"

android:layout\_width="match\_parent"

android:layout\_height="?attr/actionBarSize"

android:background="?attr/colorPrimary"

app:popupTheme="@style/AppTheme.PopupOverlay" />

</android.support.design.widget.AppBarLayout>

<include layout="@layout/content\_main" />

</android.support.design.widget.CoordinatorLayout>

* **App\_bar\_main2.xml**

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

<android.support.design.widget.CoordinatorLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.blogspot.sharkvalue.pasartradisional.Main2Activity">

<android.support.design.widget.AppBarLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:theme="@style/AppTheme.AppBarOverlay">

<android.support.v7.widget.Toolbar

android:id="@+id/toolbar"

android:layout\_width="match\_parent"

android:layout\_height="?attr/actionBarSize"

android:background="?attr/colorPrimary"

app:popupTheme="@style/AppTheme.PopupOverlay" />

</android.support.design.widget.AppBarLayout>

<include layout="@layout/content\_main2" />

</android.support.design.widget.CoordinatorLayout>

* **Content\_main.xml**

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

<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:id="@+id/fragment"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"

tools:context="com.blogspot.sharkvalue.pasartradisional.MainActivity"

tools:showIn="@layout/app\_bar\_main">

</FrameLayout>

* **Content\_main2.xml**

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

<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:id="@+id/fragment2"

android:layout\_height="match\_parent"

app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"

tools:context="com.blogspot.sharkvalue.pasartradisional.Main2Activity"

tools:showIn="@layout/app\_bar\_main2">

<Button

android:id="@+id/btndata"

android:layout\_width="match\_parent"

android:layout\_height="266dp"

android:onClick="DATA"

android:text="KLIK UNTUK MELIHAT DATABASE" />

</FrameLayout>

* **Food\_item.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

android:orientation="vertical" android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<ImageView

android:id="@+id/imgFood"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentTop="true"

android:layout\_marginTop="33dp"

app:srcCompat="@drawable/coffe"

android:layout\_alignParentStart="true" />

<TextView

android:id="@+id/txtName"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/imgFood"

android:layout\_marginTop="16dp"

android:text="Nama"

android:textAlignment="center"

android:textColor="@color/black"

android:layout\_alignEnd="@+id/imgFood" />

<TextView

android:id="@+id/txtPrice"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignEnd="@+id/imgFood"

android:layout\_alignStart="@+id/txtName"

android:layout\_below="@+id/txtName"

android:layout\_marginTop="19dp"

android:text="Harga"

android:textAlignment="center"

android:textColor="@color/red" />

</RelativeLayout>

* **Fragment\_beranda.xml**

<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.blogspot.sharkvalue.pasartradisional.BerandaFragment">

<!-- TODO: Update blank fragment layout -->

<GridView

android:id="@+id/gridView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:columnWidth="120dp"

android:layout\_alignParentTop="true"

android:layout\_centerVertical="true"

android:numColumns="auto\_fit"

>

</GridView>

</ScrollView>

* **Login\_activity.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical" android:layout\_width="match\_parent"

android:background="@color/white"

android:layout\_height="match\_parent">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

android:layout\_alignParentTop="true"

android:layout\_alignParentStart="true">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:orientation="vertical">

<ImageView

android:layout\_width="300dp"

android:layout\_height="200dp"

android:layout\_gravity="center"

android:background="@drawable/market" />

<EditText

android:id="@+id/id"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:drawableLeft="@mipmap/user"

android:hint="USERNAME"

android:inputType="textPersonName"

/>

<EditText

android:id="@+id/password"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:drawableLeft="@mipmap/pass"

android:hint="PASSWORD"

android:inputType="textPassword"

/>

</LinearLayout>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="horizontal">

<Button

android:id="@+id/login"

android:layout\_width="match\_parent"

android:onClick="Login"

android:layout\_height="wrap\_content"

android:layout\_weight="1"

android:text="Masuk" />

<Button

android:id="@+id/btnKeluar"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:onClick="btnKeluar"

android:layout\_weight="1"

android:text="Keluar" />

</LinearLayout>

<Button

android:id="@+id/melihat"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:onClick="melihat"

android:text="Melihat" />

</LinearLayout>

</RelativeLayout>

* **Nav\_header\_main.xml**

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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

android:layout\_width="match\_parent"

android:layout\_height="@dimen/nav\_header\_height"

android:background="@drawable/side\_nav\_bar"

android:gravity="center"

android:orientation="vertical"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

android:theme="@style/ThemeOverlay.AppCompat.Dark">

<ImageView

android:id="@+id/imageView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:paddingTop="@dimen/nav\_header\_vertical\_spacing"

app:srcCompat="@mipmap/user" />

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:paddingTop="@dimen/nav\_header\_vertical\_spacing"

android:gravity="center"

android:text="Admin"

android:textAppearance="@style/TextAppearance.AppCompat.Body1" />

<TextView

android:id="@+id/textView"

android:gravity="center"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Apa yang anda ingin tambahkan ?" />

</LinearLayout>

* **Nav\_header\_main2.xml**

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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

android:layout\_width="match\_parent"

android:layout\_height="@dimen/nav\_header\_height"

android:background="@drawable/side\_nav\_bar"

android:gravity="center"

android:orientation="vertical"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

android:theme="@style/ThemeOverlay.AppCompat.Dark">

<ImageView

android:id="@+id/imageView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:paddingTop="@dimen/nav\_header\_vertical\_spacing"

app:srcCompat="@mipmap/user" />

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:paddingTop="@dimen/nav\_header\_vertical\_spacing"

android:gravity="center"

android:text="Pengguna"

android:textAppearance="@style/TextAppearance.AppCompat.Body1" />

<TextView

android:id="@+id/textView"

android:gravity="center"

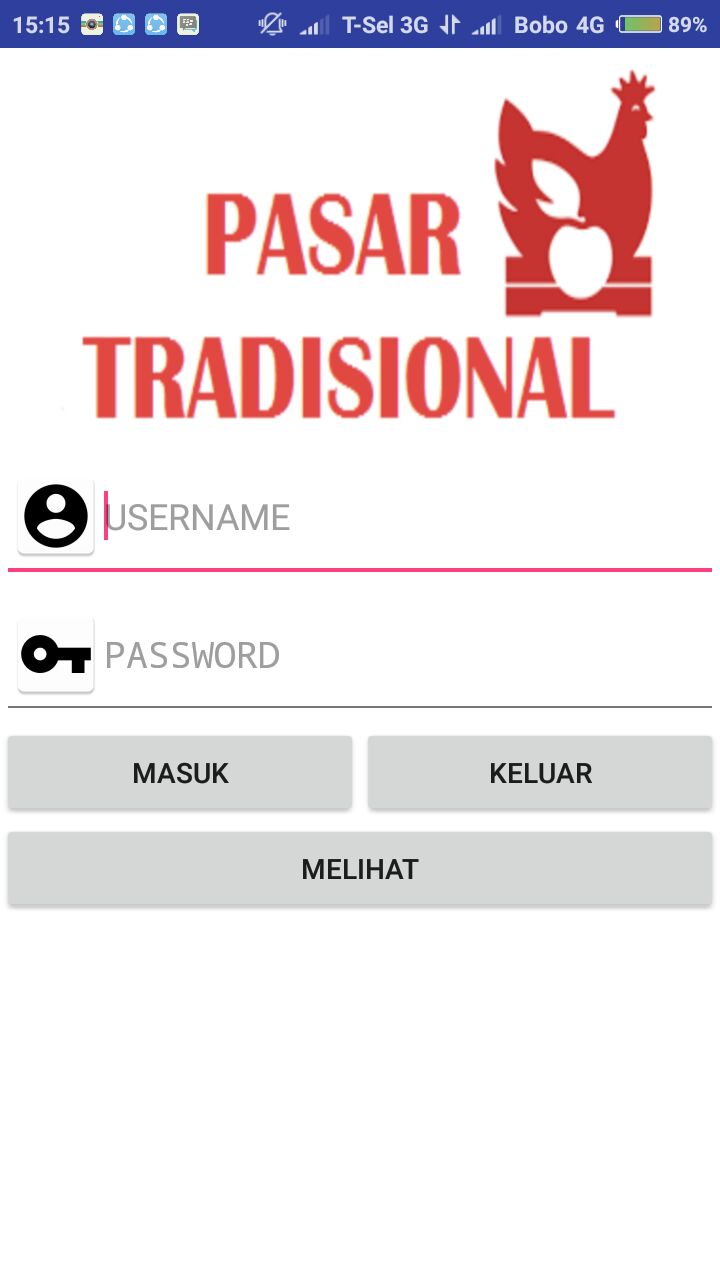
android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

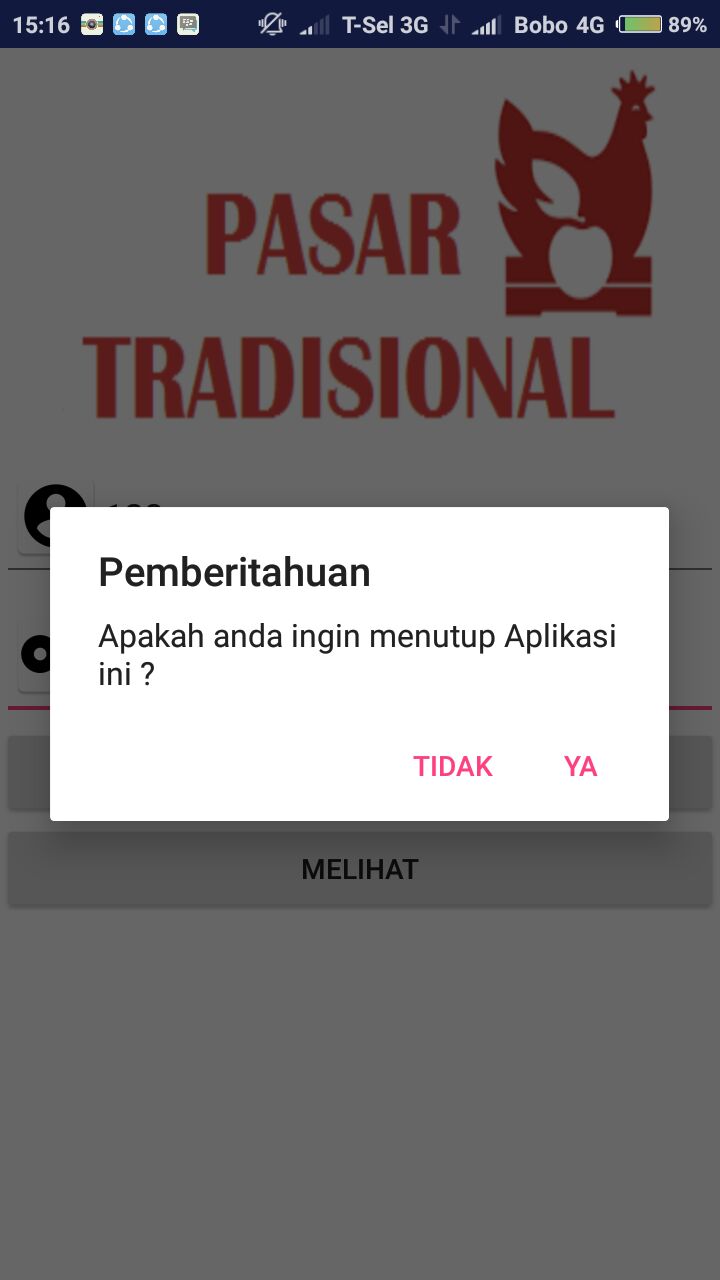
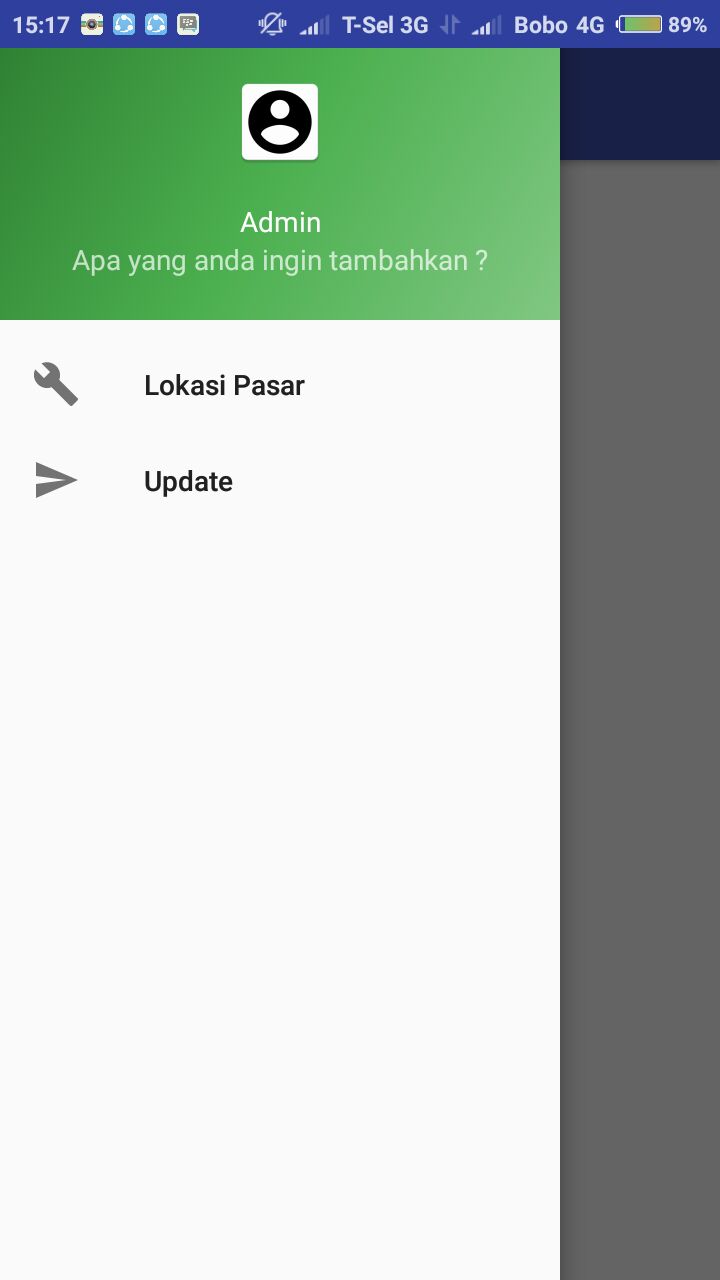
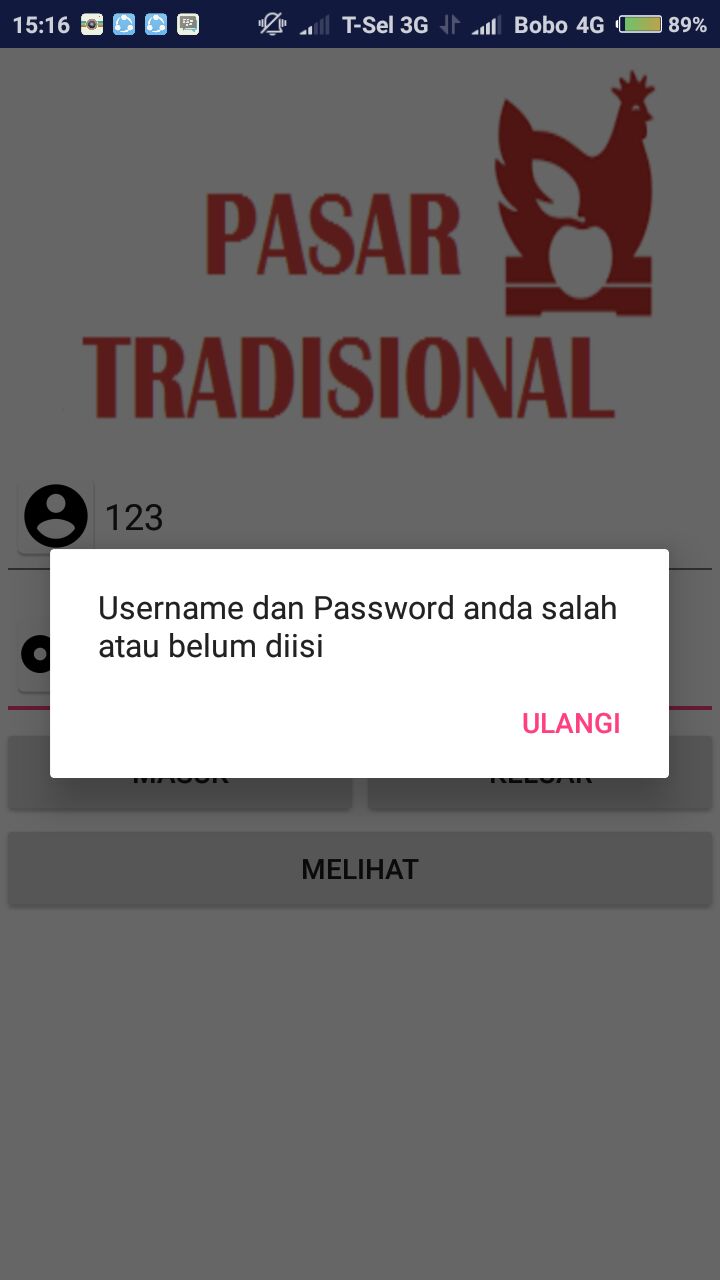
android:text="Selamat menikmati layanan ini" />

</LinearLayout>

* 1. **Tampilan Aplikasi**

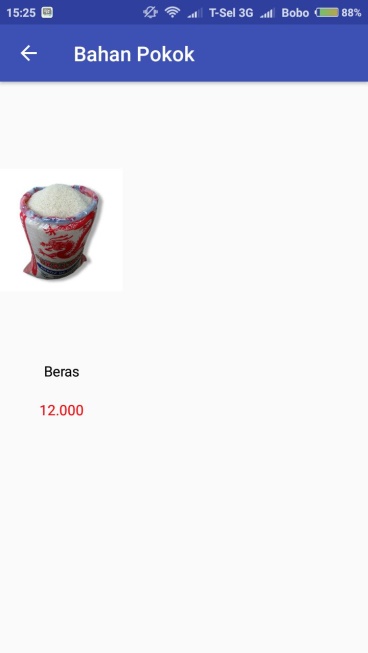


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