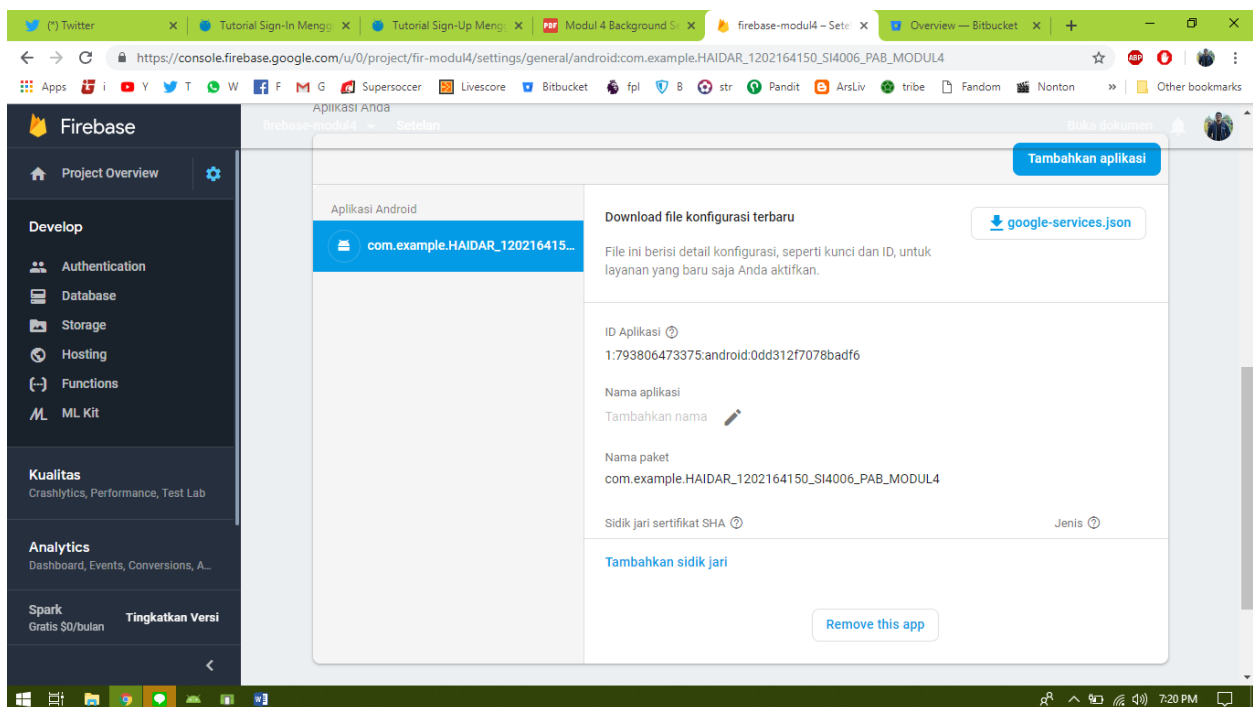
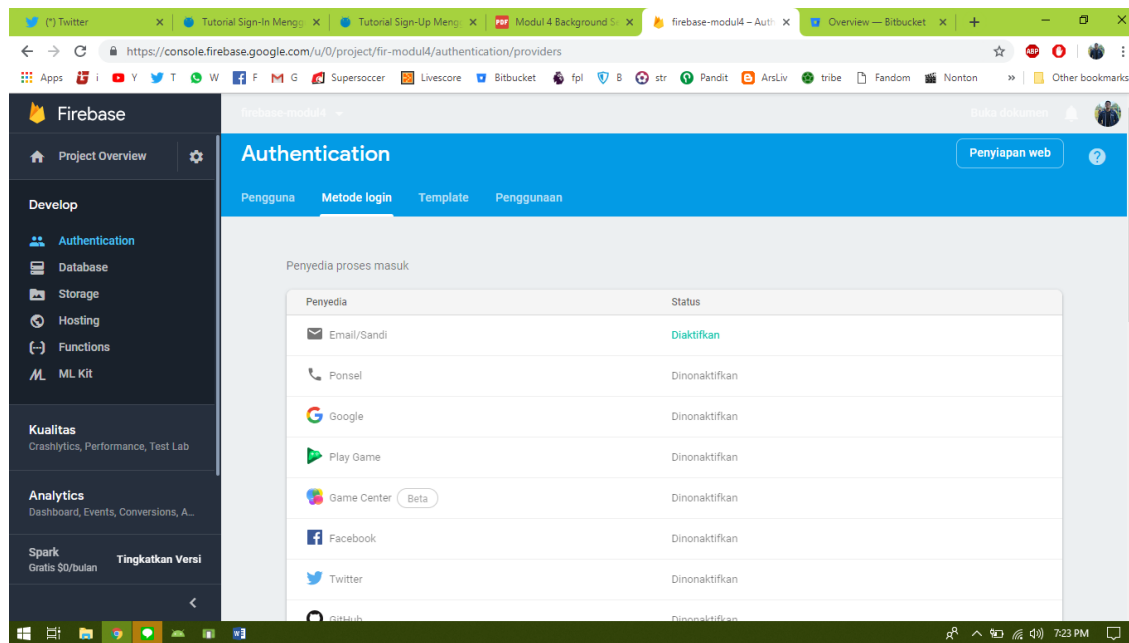


Buat project dan masukkan nama package sesuai project

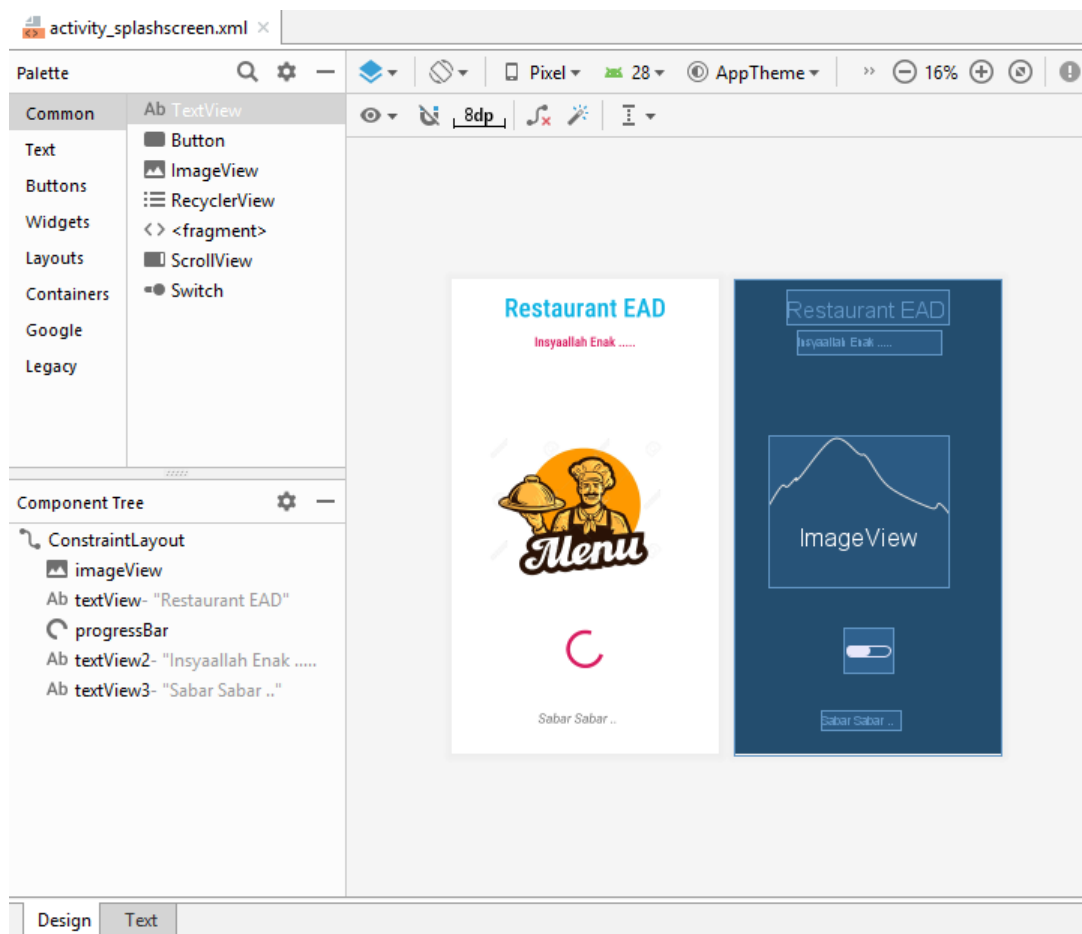


Download file json dan copy kan ke app



Kemudian enable authentication

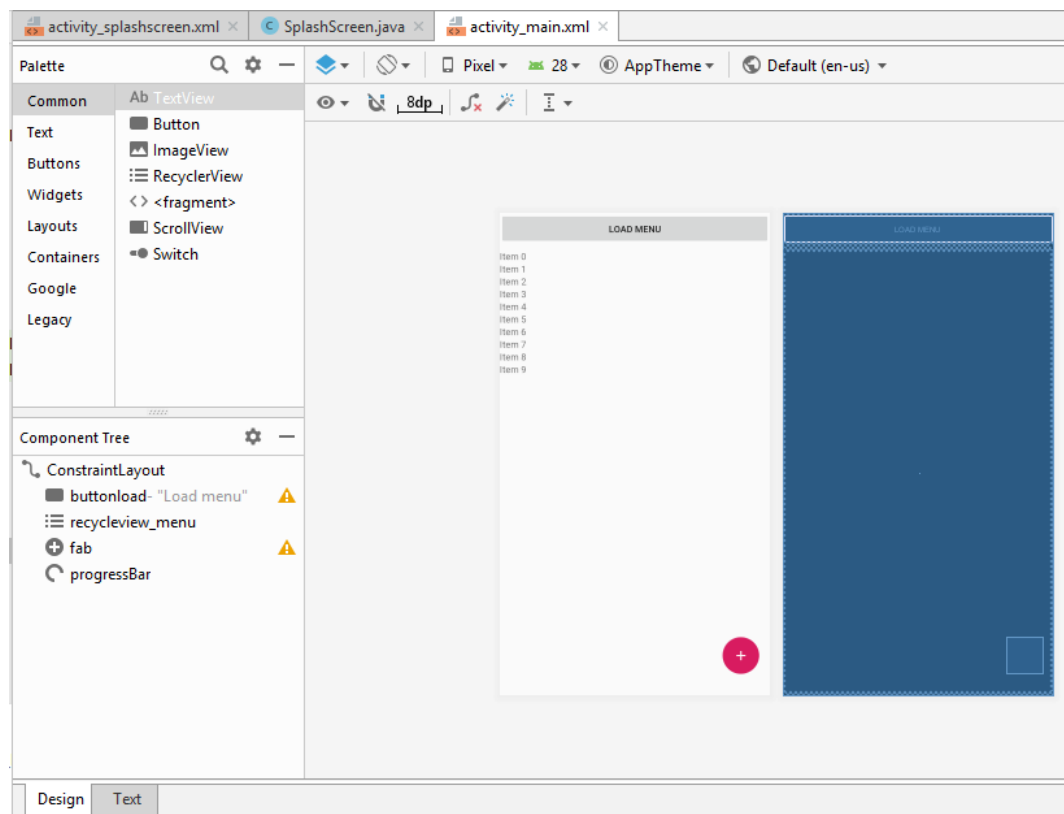
Setelah itu aktifkan database dan storage



membuat splashscreen terlebih dahulu

```
1 package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL4;
2
3 import android.content.Intent;
4 import android.os.CountDownTimer;
5 import android.support.v7.app.AppCompatActivity;
6 import android.os.Bundle;
7 import com.google.firebase.auth.FirebaseAuth;
8
9 public class SplashScreen extends AppCompatActivity {
10
11     FirebaseAuth mAuth;
12
13     @Override
14     protected void onCreate(Bundle savedInstanceState) {
15         super.onCreate(savedInstanceState);
16         setContentView(R.layout.activity_splashscreen);
17         mAuth = FirebaseAuth.getInstance();
18         if (mAuth.getCurrentUser() != null) {
19             startActivity(new Intent( packageContext: SplashScreen.this, MainActivity.class));
20             finish();
21             return;
22         }
23         new CountDownTimer( millisInFuture: 5000, countDownInterval: 1000) {
24             @Override
25             public void onTick(long millisUntilFinished) {
26
27             }
28
29             @Override
30             public void onFinish() {
31                 startActivity(new Intent( packageContext: SplashScreen.this, Masuk.class));
32                 finish();
33             }
34         }.start();
35     }
36 }
```

Kemudian ini merupakan isi java dari splashscreen



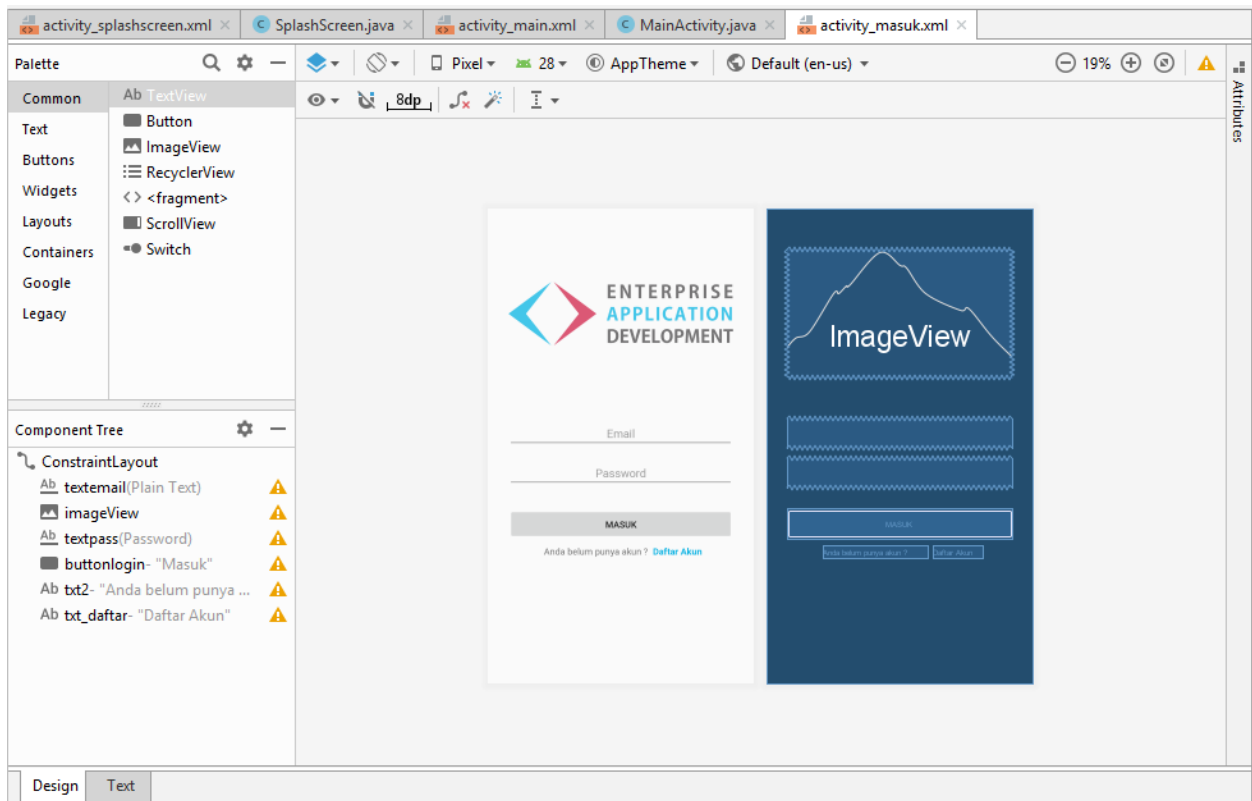
Kemudian membuat recycle view untuk menu utama

```

1 package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL4;
2
3 import ...
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28 public class MainActivity extends AppCompatActivity {
29     RecyclerView recyclerView;
30     ArrayList<Card> list;
31     AdapterCard adapterCard;
32     FirebaseAuth mAuth;
33     FirebaseFirestore db;
34     int REQUEST_MENU = 404;
35     ProgressBar progressBarMain;
36
37     @Override
38     public boolean onCreateOptionsMenu(Menu menu) {
39         MenuInflater inflater = getMenuInflater();
40         inflater.inflate(R.menu.main_menu, menu);
41         return super.onCreateOptionsMenu(menu);
42     }
43     private void logout() {
44         mAuth.signOut();
45         startActivity(new Intent( packageContext: MainActivity.this, Masuk.class));
46         finish();
47     }
48     @Override
49     public boolean onOptionsItemSelected(MenuItem item) {
50         switch (item.getItemId()) {
51             case R.id.sign_out:
52                 logout();
53                 break;
54         }
55         return super.onOptionsItemSelected(item);
56     }
57 }
58
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```

Kemudian membuat kodingan java untuk main activity



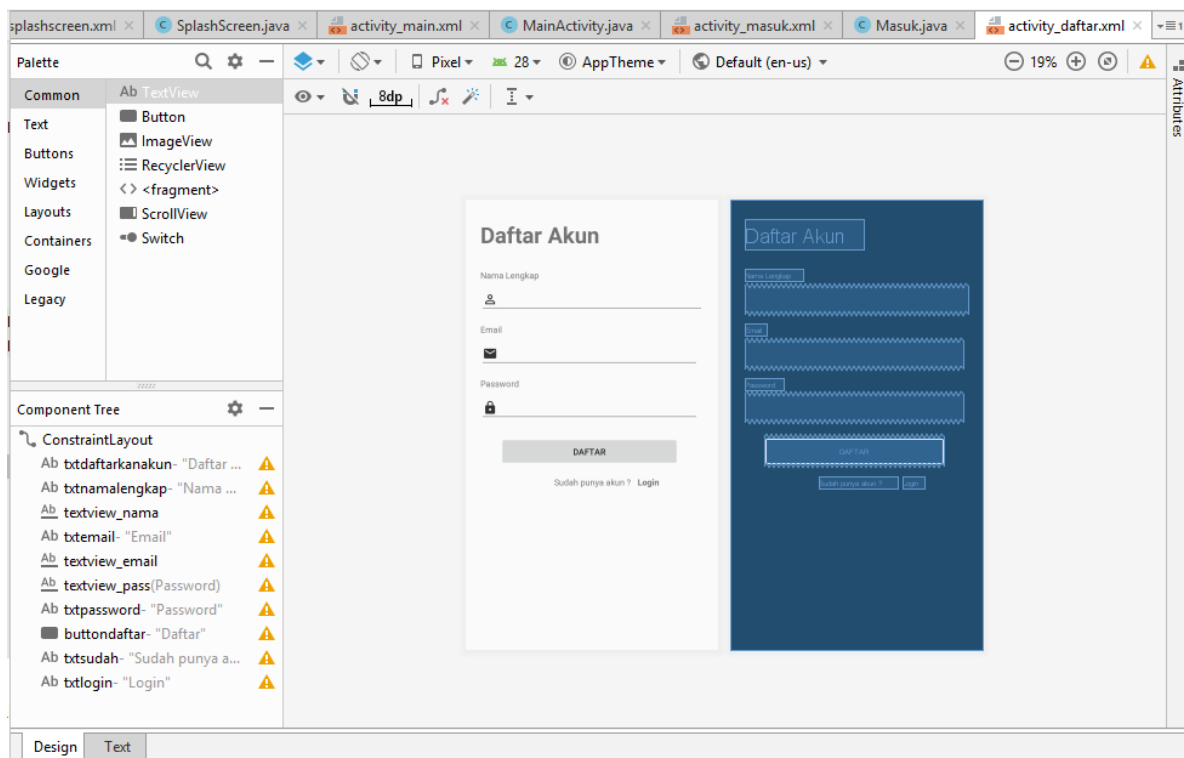
Membuat login terlebih dahulu

```

1 package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL4;
2
3 import ...
16
17 public class Masuk extends AppCompatActivity {
18     EditText useremail, userpass;
19     FirebaseAuth mAuth;
20     @Override
21     protected void onCreate(Bundle savedInstanceState) {
22         super.onCreate(savedInstanceState);
23         setContentView(R.layout.activity_masuk);
24         useremail = findViewById(R.id.textemail);
25         userpass = findViewById(R.id.textpass);
26         mAuth = FirebaseAuth.getInstance();
27     }
28     public boolean check() {
29         if (useremail.getText().toString().equals("")) {
30             useremail.setError("Isi email");
31             useremail.requestFocus();
32             return false;
33         }
34         if (userpass.getText().toString().equals("")) {
35             userpass.setError("Isi pass");
36             userpass.requestFocus();
37             return false;
38         }
39         return true;
40     }
41     public void login(View view) {
42         if (check()) {
43             new AsyncTask<Void,Void,Boolean>() {
44                 @Override
45                 protected Boolean doInBackground(Void... voids) {
46                     // ...
47                 }
48             }.execute();
49         }
50     }
51 }

```

Kemudian membuat logika java untuk login



Setelah itu membuat tampilan untuk register atau daftar

```

package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL4;

import ...

public class Daftar extends AppCompatActivity {
    EditText username, useremail, userpass;
    FirebaseAuth mAuth;

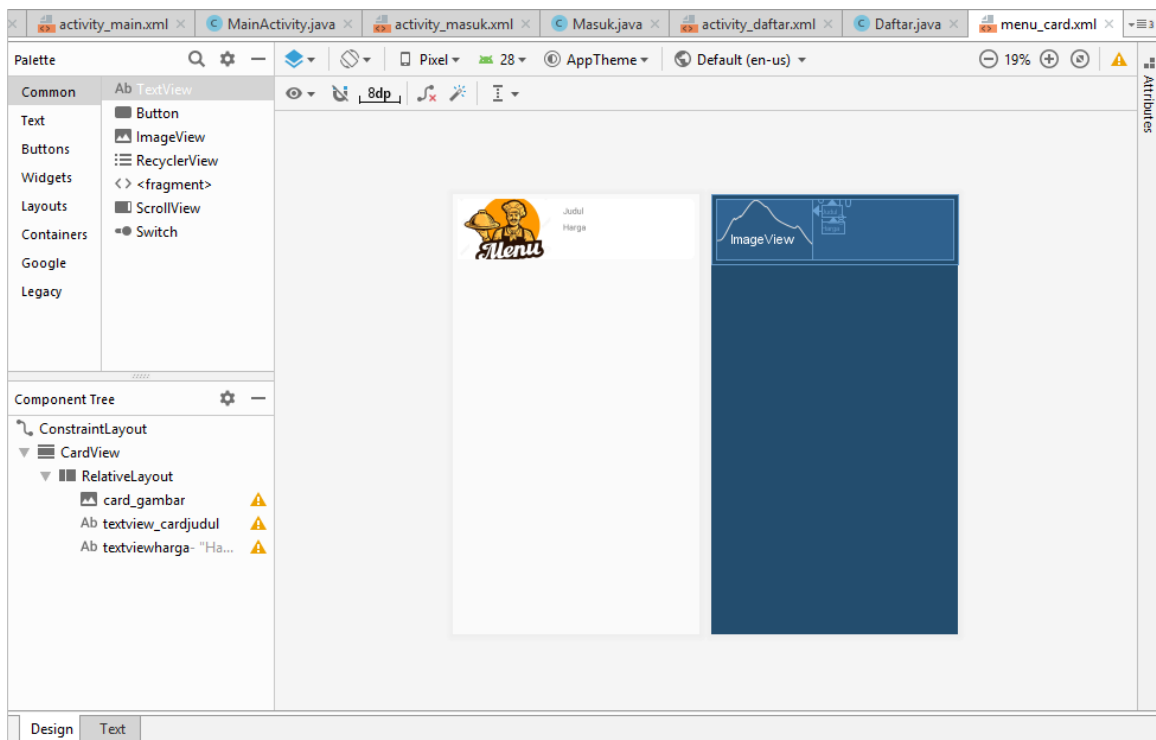
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_daftar);

        username = findViewById(R.id.textview_nama);
        useremail = findViewById(R.id.textview_email);
        userpass = findViewById(R.id.textview_pass);
    }

    public void regist(View view) {
        if (check()) {
            mAuth = FirebaseAuth.getInstance();
            mAuth.createUserWithEmailAndPassword(useremail.getText().toString(), userpass.getText().toString())
                .addOnCompleteListener((task) -> {
                    if (task.isSuccessful()) {
                        FirebaseUser user = mAuth.getCurrentUser();
                        UserProfileChangeRequest userProfileChangeRequest = new UserProfileChangeRequest.Builder().setDisp
                        user.updateProfile(userProfileChangeRequest);
                        startActivity(new Intent( packageContext: Daftar.this, Masuk.class));
                        finish();
                    }
                });
        }
    }
}

```

Kemudian membuat logika java untuk register



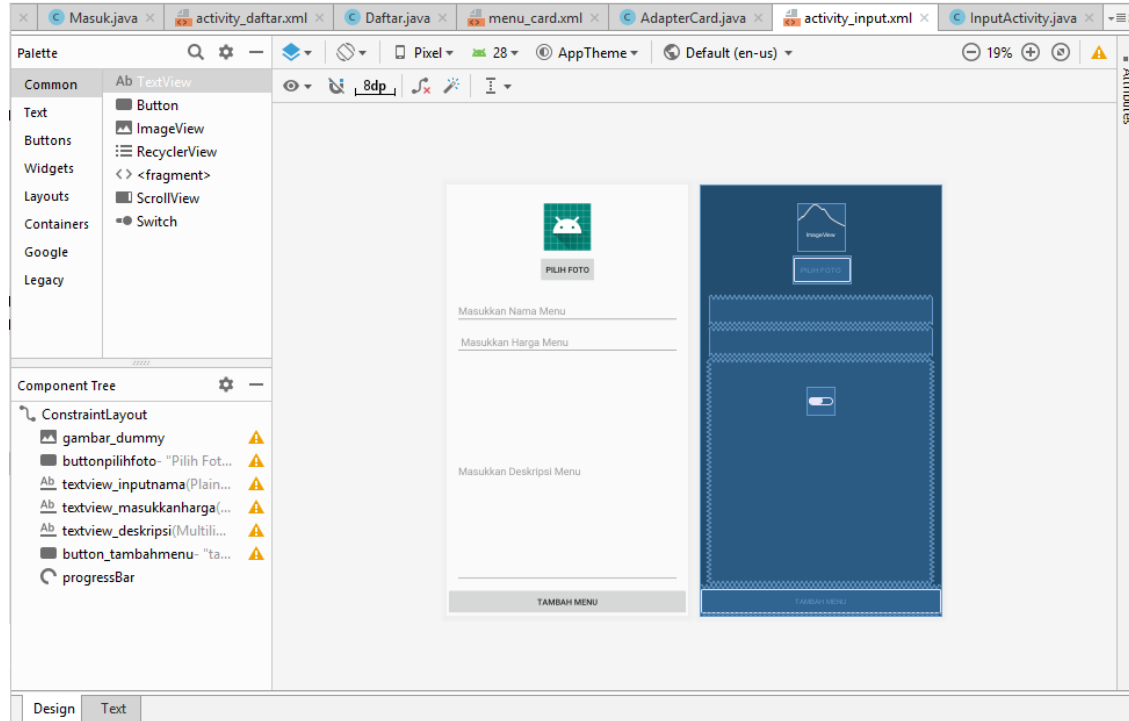
Membuat tampilan untuk card di menu yang menampung hasil inputan judul dan harga

```

1 package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL4;
2
3 import ...
4
22 public class AdapterCard extends RecyclerView.Adapter<AdapterCard.ViewHolder> {
23     private ArrayList<Card> listhasil;
24     private Context mContext;
25
26     public AdapterCard(ArrayList<Card> listhasil, Context mContext) {
27         this.listhasil = listhasil;
28         this.mContext = mContext;
29     }
30
31     @Override
32     public ViewHolder onCreateViewHolder(ViewGroup parent, int viewType) {
33         return new AdapterCard.ViewHolder(LayoutInflater.from(mContext).inflate(R.layout.menu_card, parent, attachToRoot: false));
34     };
35
36     @Override
37     public void onBindViewHolder(AdapterCard.ViewHolder holder, int position) {
38         Card card = listhasil.get(position);
39         holder.bindTo(card);
40     }
41
42     @Override
43     public int getItemCount() { return listhasil.size(); }
44
45     class ViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener {
46         private TextView nama, harga;
47         private ImageView image;
48
49         public ViewHolder(@NonNull View itemView) {
50             super(itemView);
51
52             nama = itemView.findViewById(R.id.textview_cardjudul);
53             harga = itemView.findViewById(R.id.textviewharga);
54             image = itemView.findViewById(R.id.image_card);
55         }
56
57         public void bindTo(Card card) {
58             nama.setText(card.nama);
59             harga.setText(card.harga);
60             image.setImageResource(card.image);
61         }
62     }
63 }

```

Kemudian membuat logika di adapter untuk card yang digunakan menampung hasil inputan di menu pertama



Kemudian membuat tampilan menu input yang gunanya untuk memasukkan pilihan menu yang akan kita pilih

```

1 package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL4;
2
3 import ...
42
43 public class InputActivity extends AppCompatActivity {
44     int REQUEST = 91, REQUEST_GET_SINGLE_FILE = 202, REQUEST_CAPTURE_IMAGE = 234;
45     ImageView image;
46     Bitmap bitmap;
47     FirebaseFirestore db;
48     FirebaseAuth mAuth;
49     String lokasi_image;
50     EditText nama, harga, deskripsi;
51     Uri uri;
52
53     FirebaseStorage storagefirebase;
54     StorageReference storageReference;
55     Map<String, Object> menu;
56     ProgressBar progressBar;
57     boolean success = false;
58
59     @Override
60     protected void onCreate(Bundle savedInstanceState) {
61         super.onCreate(savedInstanceState);
62         setContentView(R.layout.activity_input);
63         image = findViewById(R.id.gambar_dummy);
64         db = FirebaseFirestore.getInstance();
65         mAuth = FirebaseAuth.getInstance();
66         //Init
67         storagefirebase = FirebaseStorage.getInstance();
68         storageReference = storagefirebase.getReference();
69         nama = findViewById(R.id.textview_inputnama);
70         harga = findViewById(R.id.textview_masukkanharga);
71         deskripsi = findViewById(R.id.textview_deskripsi);
72
73     }
74 }

```

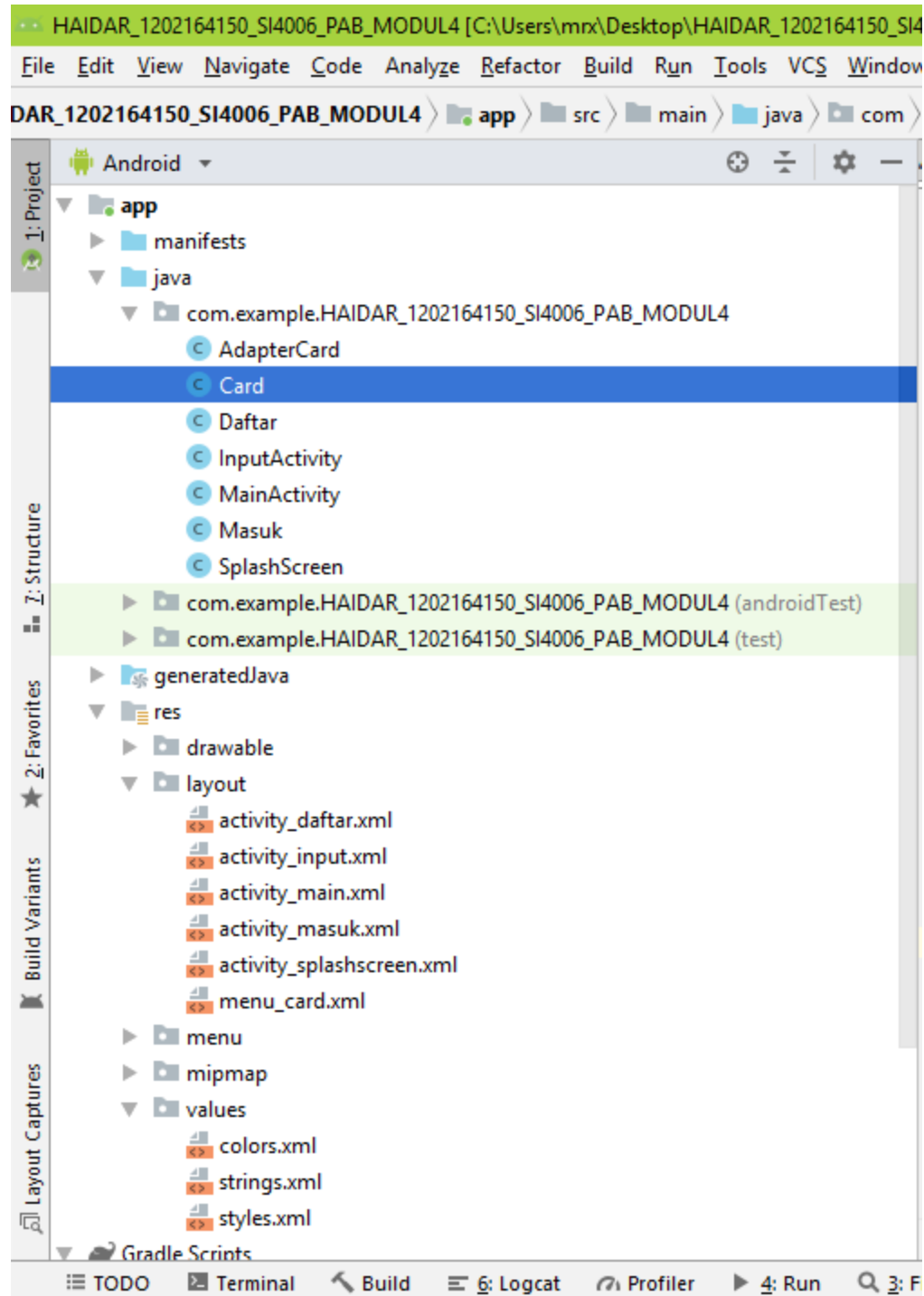
Membuat logika untuk input menu yang nantinya akan tertampung di database firebase kemudian muncul di cardview load menu

```

1 package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL4;
2
3 public class Card {
4     String lokasi_image, nama, harga, desc;
5
6     public Card(String lokasi_image, String nama, String harga, String deskripsi) {
7         this.lokasi_image = lokasi_image;
8         this.nama = nama;
9         this.harga = harga;
10        this.desc = deskripsi;
11    }
12
13    public String getLokasi_image() { return lokasi_image; }
14
15    public void setLokasi_image(String lokasi_image) { this.lokasi_image = lokasi_image; }
16
17    public String getNama() { return nama; }
18
19    public void setNama(String nama) { this.nama = nama; }
20
21    public String getHarga() { return harga; }
22
23    public void setHarga(String harga) { this.harga = harga; }
24
25    public String getDeskripsi() { return desc; }
26
27    public void setDeskripsi(String deskripsi) { this.desc = deskripsi; }
28 }

```

Kemudian ini card untuk memunculkan dan menampilkan hasil inputan kita di menu inputan



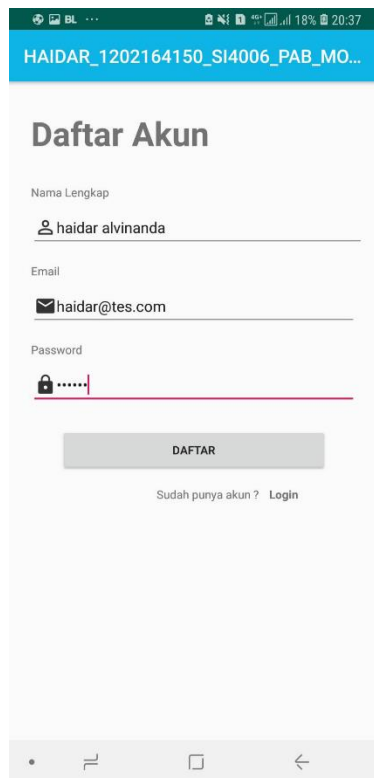
Hasil run



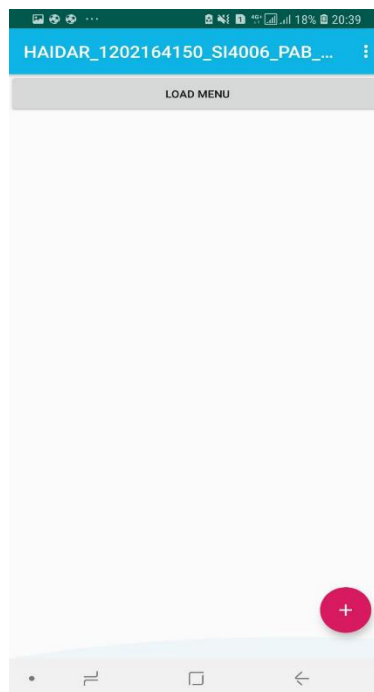
Splash Screen



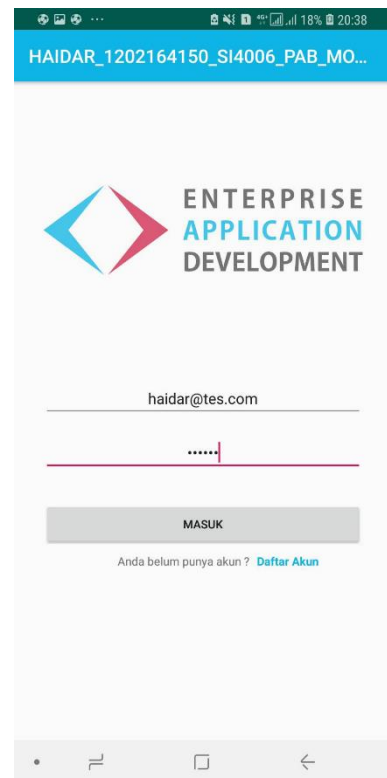
Berhasil Masuk



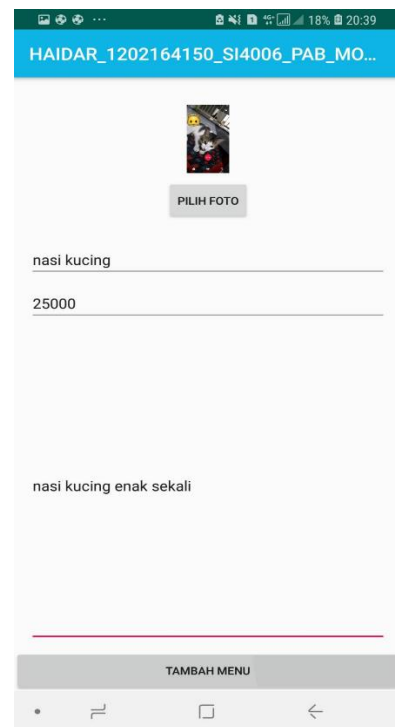
Daftar Akun



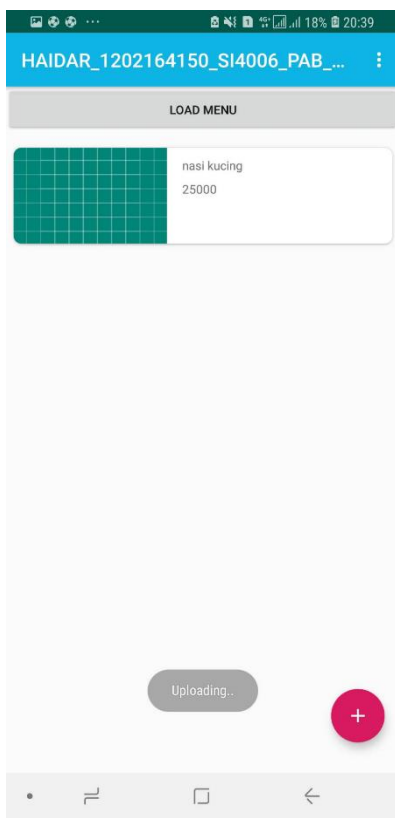
Menu setelah login pertama kali



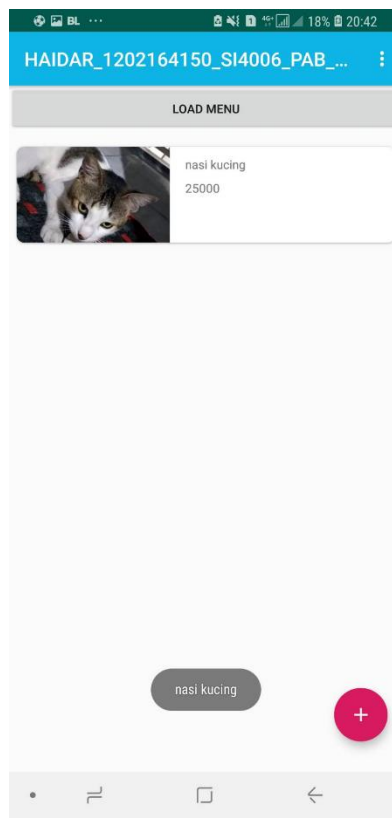
Login dengan user hasil regist



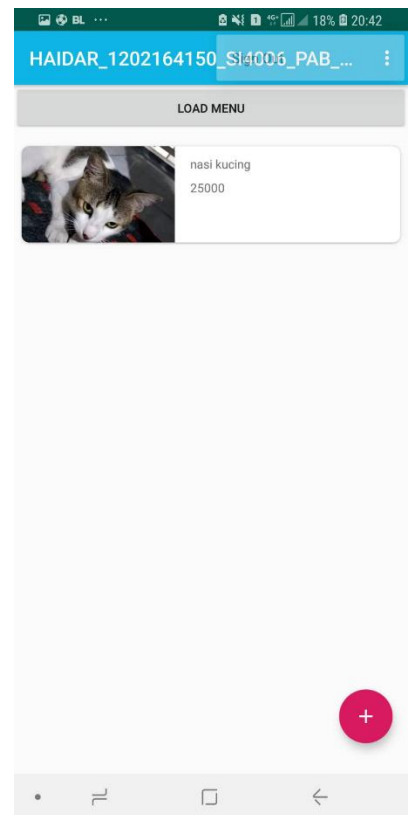
Kemudian memasukkan menu



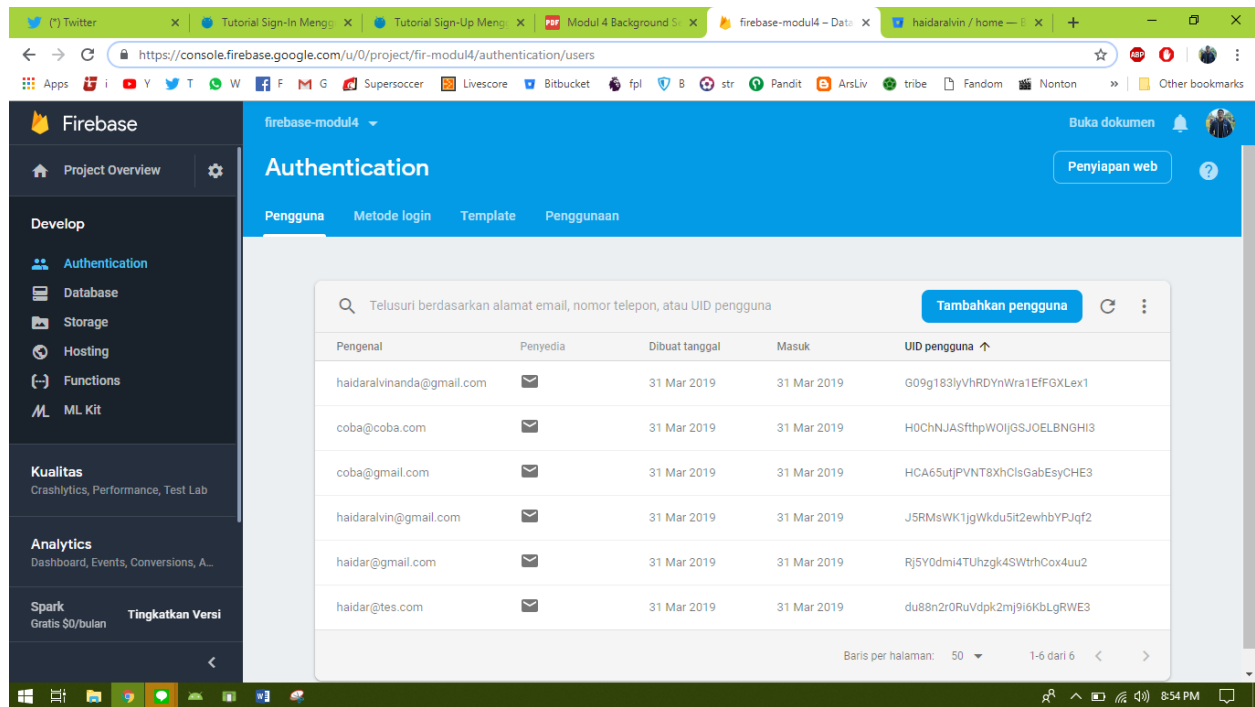
Uploading



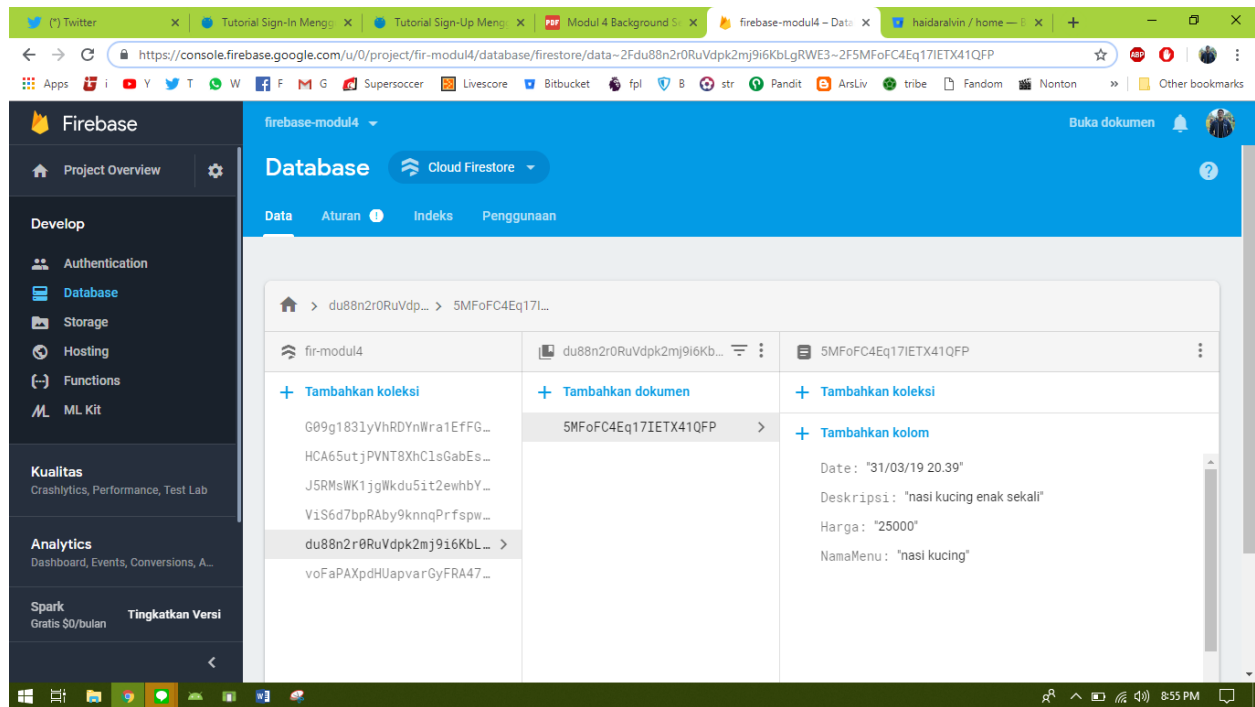
hasil upload



kemudian logout dipojok atas



Database akun yang kita daftarkan berisi email dan tanggal kita registrasi



Data nasi kucing yang kita masukkan tadi tersimpan di firebase storage