L A M P I R A N

Lampiran 1 Pertanyaan Untuk Konselor

LAMPIRAN PERTANYAAN KEPADA KONSELOR

A. BIODATA DIRI KONSELOR

1. Nama Lengkap : Ns. Abd Risal, S. KEP., M. KEP.
2. Tempat Tanggal Lahir : Kolonodale, 25 Mei 1983
3. Pekerjaan : -Konselor HIV aktif 2011-sekarang
   -Fasilitator Konseling dan tes HIV

B. DAFTAR PERTANYAAN

1. Apa definisi HIV dan AIDS, serta perbedaan antara keduanya?
2. Kapan pertama kali kasus HIV/AIDS ditemukan secara global dan di Indonesia?
3. Apa saja gejala umum HIV pada tahap awal dan lanjut?
4. Apa saja cara penularan HIV yang paling umum di Indonesia?
5. Apakah mitos penularan HIV (seperti lewat pelukan, bersalaman, makan bersama) masih sering ditemukan dalam masyarakat?
6. Apakah risiko penularan berbeda berdasarkan usia, profesi, atau perilaku tertentu?
7. Tes HIV apa saja yang umum digunakan saat ini di Indonesia?
8. Apakah tes HIV aman dan akurat? Berapa lama hasil tes keluar?
9. Apa saja metode pencegahan HIV yang paling efektif dan bisa diterapkan dalam kehidupan sehari-hari?
10. Apakah penggunaan kondom dan edukasi seksual cukup efektif dalam pencegahan?
11. Apa yang dimaksud dengan ARV (Antiretroviral)?
12. Apakah ARV bisa menyembuhkan HIV, atau hanya mengendalikan virus?
13. Berapa jumlah kasus HIV dan AIDS yang tercatat di Parepare hingga saat ini?
14. Bagaimana tren kasus HIV dalam beberapa tahun terakhir—apakah meningkat atau menurun?
15. Apakah ada sumber resmi atau database publik yang bisa saya rujuk untuk mendapatkan data HIV?

Lampiran 2 Dokumentasi Wawancara





Lampiran 3 Source Code Program

AndroidManifest.xml

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

    <uses-permission
android:name="android.permission.INTERNET" />

    <application
        android:allowBackup="true"

android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@drawable/logo_nurse"
        android:label="@string/app_name"
        android:roundIcon="@drawable/logo_nurse2"
        android:supportsRtl="true"

android:theme="@style/Theme.RuslyAplikasiPengetahuanDasarHIVDanAIDS"
        tools:targetApi="31">
        <activity

android:name=".ui.activity.admin.AdminSemuaKonselorDetailActivity"
            android:exported="false" />
        <activity

android:name=".ui.activity.admin.AdminSemuaUserDetailActivity"
            android:exported="false" />
        <activity

android:name=".ui.activity.admin.AdminMainActivity"
            android:exported="false" />
        <activity

android:name=".ui.activity.admin.AdminSemuaKonselorActivity"
            android:exported="false" />
        <activity

android:name=".ui.activity.admin.AdminSemuaUserActivity"
            android:exported="false" />
        <activity

android:name=".ui.activity.Konselor.KonselorMainActivity"


  android:exported="false" />


      <activity

android:name=".ui.activity.Konselor.KonselorHalamanKonselorActivity"
            android:exported="false" />
        <activity
            android:name=".ui.activity.Konselor.Konselor"
            android:exported="false" />
        <service

android:name=".data.database.firebase.FirebaseMessage"
            android:exported="false"
            android:stopWithTask="false">
            <intent-filter>
                <action
android:name="com.google.firebase.MESSAGING_EVENT" />
            </intent-filter>
        </service>

        <activity

android:name=".ui.activity.TentangAplikasiActivity"
            android:exported="false" />
        <activity

android:name=".ui.activity.InformasiHivAidsActivity"
            android:exported="false" />
        <activity

android:name=".ui.activity.user.UpdateAkunActivity"
            android:exported="false" />
        <activity
            android:name=".ui.activity.ChatActivity"
            android:exported="false" />
        <activity
            android:name=".ui.activity.KonsultasiActivity"
            android:exported="false" />
        <activity
            android:name=".ui.activity.RegistrasiActivity"
            android:exported="false" />
        <activity
            android:name=".ui.activity.LoginActivity"
            android:exported="false" />
        <activity
            android:name=".ui.activity.SplashScreen"
            android:exported="true">
            <intent-filter>
                <action
android:name="android.intent.action.MAIN" />

                <category
android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity
            android:name=".ui.activity.user.MainActivity"
            android:exported="true" />
    </application>

</manifest>
```

AdminListSemuaUserAdapter.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaids.adapter

import android.annotation.SuppressLint
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import android.widget.TextView
import
androidx.constraintlayout.widget.ConstraintLayout
import androidx.recyclerview.widget.RecyclerView
```

```
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.UsersModel

class AdminListSemuaUserAdapter(
    private val list: ArrayList<UsersModel>,
    private val click: onClick
):
RecyclerView.Adapter<AdminListSemuaUserAdapter.
ViewHolder>() {
    class ViewHolder(v: View):
RecyclerView.ViewHolder(v) {
        val clBody: ConstraintLayout
        val tvNama: TextView
        val tvUmur: TextView
        init {
            clBody = v.findViewById(R.id.clBody)
            tvNama = v.findViewById(R.id.tvNama)
            tvUmur = v.findViewById(R.id.tvUmur)
        }
    }

    override fun onCreateViewHolder(parent:
ViewGroup, viewType: Int): ViewHolder {
        val view =
LayoutInflater.from(parent.context).inflate(R.layout.list
_user, parent, false)
        return ViewHolder(view)
    }

    override fun getItemCount(): Int {
        return list.size
    }

    @SuppressLint("SetTextI18n")
    override fun onBindViewHolder(holder:
ViewHolder, position: Int) {
        val valueList = list[position]
        holder.apply {
            tvNama.text = valueList.nama
            tvUmur.text = "Umur: ${valueList.umur}
Tahun"
            clBody.setOnClickListener {
                click.ClickItem(valueList, it)
            }
        }
    }

    interface onClick{
        fun ClickItem(data: UsersModel, it:View)
    }
}

ListKonsultasiUserAdapter.kt
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.adapter

import android.content.Context
import android.content.Intent
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import android.widget.TextView
import android.widget.Toast
import
androidx.constraintlayout.widget.ConstraintLayout
import androidx.recyclerview.widget.RecyclerView
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.UsersModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.ChatActivity
import java.util.ArrayList

class ListKonsultasiUserAdapter(var context:Context,
var arrayList: ArrayList<UsersModel>):
RecyclerView.Adapter<ListKonsultasiUserAdapter.Ko
nsultasiViewHolder>() {
    class KonsultasiViewHolder(v: View):
RecyclerView.ViewHolder(v) {
        val tvNama: TextView
        val clListKonsultasi: ConstraintLayout
        init {
            tvNama = v.findViewById(R.id.tvNama)
            clListKonsultasi =
v.findViewById(R.id.clListKonsultasi)
        }
    }

    override fun onCreateViewHolder(parent:
ViewGroup, viewType: Int): KonsultasiViewHolder {
        val view =
LayoutInflater.from(parent.context).inflate(R.layout.list
_konsultasi, parent, false)

        return KonsultasiViewHolder(view)
    }

    override fun getItemCount(): Int {
        return (arrayList.size)
    }

    override fun onBindViewHolder(holder:
KonsultasiViewHolder, position: Int) {
        holder.tvNama.text = arrayList[position].nama

        holder.clListKonsultasi.setOnClickListener {
//            Toast.makeText(context, "Pindah
${arrayList[position].nama} dan
${arrayList[position].id}",
Toast.LENGTH_SHORT).show()

            val intent = Intent(context,
ChatActivity::class.java)
            intent.putExtra("id", arrayList[position].id)
            intent.putExtra("nama",
arrayList[position].nama)
            intent.putExtra("token",
arrayList[position].token)
            context.startActivity(intent)
        }
    }

}

MessageKonsultasiAdapter.kt
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.adapter
```

```
import android.annotation.SuppressLint
import android.app.AlertDialog
import android.content.Context
import android.util.Log
import android.view.LayoutInflater
import android.view.View
import android.view.View.OnLongClickListener
import android.view.ViewGroup
import android.widget.Button
import android.widget.PopupMenu
import android.widget.TextView
import android.widget.Toast
import androidx.recyclerview.widget.RecyclerView
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.MessageModel
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import com.google.firebase.database.FirebaseDatabase
import
com.google.firebase.database.ValueEventListener

class MessageKonsultasiAdapter(val context: Context,
val messageList: List<MessageModel>, var id:String):
RecyclerView.Adapter<RecyclerView.ViewHolder>()
{

    val TAG = "MessageKonsultasiAdapterTag"
    val ITEM_SENT = 1
    val ITEM_RECEIVED = 2

    var checkBoxMessage = false
    var nomorCheck = 0
    var valueDataIdMessage = arrayListOf<String>()

    override fun onCreateViewHolder(parent:
ViewGroup, viewType: Int):
RecyclerView.ViewHolder {
        if(viewType == 1){
            val view =
LayoutInflater.from(context).inflate(R.layout.list_sent,
parent, false)
            return SentViewHolder(view)
        }
        else{
            val view =
LayoutInflater.from(context).inflate(R.layout.list_receiv
ed, parent, false)
            return ReceivedViewHolder(view)
        }
    }

    override fun getItemCount(): Int {
        return messageList.size
    }

    override fun onBindViewHolder(holder:
RecyclerView.ViewHolder,
@SuppressLint("RecyclerView") position: Int) {
        if(holder.javaClass ==
SentViewHolder::class.java){
            //Tampilkan Chat Pengirim
            val viewHolder = holder as SentViewHolder
            viewHolder.sentMessage.text =
messageList[position].message
            Log.d("MessageKonsultasiAdapter 1",
"MessageKonsultasiAdapter 1: idSent:
${messageList[position].idSent} dan idReceived:
${messageList[position].idReceived}")
            var idMessage =
messageList[position].idMessage



viewHolder.sentMessage.setOnLongClickListener(obje
ct: OnLongClickListener{
                override fun onLongClick(v: View?):
Boolean {

//                  Log.d(TAG, "onLongClick: Pembatas")
//
//                  var cek = false
//                  var no = 0
//                  for (value in valueDataIdMessage){
//                      if(value==idMessage){
//                          valueDataIdMessage.remove(value)
//                          valueDataIdMessage.removeAt(no)
//                          cek = true
//                      }
//                      no++
//                  }
//                  Log.d(TAG, "onLongClick: oho")
//                  if(!cek){
//
valueDataIdMessage.add(idMessage.toString())
//                  }
//
//                  for (value in valueDataIdMessage){
//                      Log.d(TAG, "onLongClick: data:
${value}")
//                  }
//                  return true

                    var popupMenu = PopupMenu(context, v)

popupMenu.inflate(R.menu.popup_menu_hapus)
                    popupMenu.setOnMenuItemClickListener
{ v->
                        when(v.itemId){
                            R.id.hapus->
                                hapusPesan(messageList[position])
                        }

                        return@setOnMenuItemClickListener
true
                    }
                    popupMenu.show()

                    return true
                }

            })

            if(checkBoxMessage){
                viewHolder.sentMessage.setOnClickListener
{

                }
            }
        }
        else{
            //Tampilkan Chat Diterima
```

```
        val viewHolder = holder as
ReceivedViewHolder
        viewHolder.receivedMessage.text =
messageList[position].message
        Log.d("MessageKonsultasiAdapter 2",
"MessageKonsultasiAdapter 2: idSent:
${messageList[position].idSent} dan idReceived:
${messageList[position].idReceived}")

    }

//      Log.d("MessageKonsultasiAdapter",
"onBindViewHolder: idSent:
${messageList[position].idSent} dan idReceived:
${messageList[position].idReceived}")
  }

  fun hapusPesan(messageList: MessageModel){
    var view = View.inflate(context,
R.layout.alert_dialog_hapus, null)
    var btnHapus =
view.findViewById<Button>(R.id.btnHapus)
    var btnBatalHapus =
view.findViewById<Button>(R.id.btnBatalHapus)

    var alertDialog = AlertDialog.Builder(context)
    alertDialog.setView(view)
    var dialog = alertDialog.create()
    dialog.show()

    btnHapus.setOnClickListener {
      var database: DatabaseReference =
FirebaseDatabase.getInstance().getReference("chats").c
hild("message")


database.addListenerForSingleValueEvent(object:Value
EventListener {
        override fun onDataChange(snapshot:
DataSnapshot) {

database.child("${messageList.idMessage}").removeVa
lue()
          dialog.dismiss()
          Toast.makeText(context, "Berhasil Hapus",
Toast.LENGTH_SHORT).show()
        }

        override fun onCancelled(error:
DatabaseError) {
          Toast.makeText(context, "Gagal Hapus",
Toast.LENGTH_SHORT).show()
          dialog.dismiss()
        }

      })
    }

    btnBatalHapus.setOnClickListener {
      dialog.dismiss()
    }

  }

  override fun getItemViewType(position: Int): Int {
    val currentMessage = messageList[position]

    if(currentMessage.idSent == id){
      return ITEM_SENT
    }
    else{
      return ITEM_RECEIVED
    }
  }

  class SentViewHolder(v: View):
RecyclerView.ViewHolder(v){
    val sentMessage =
v.findViewById<TextView>(R.id.tvMessageSent)
  }
  class ReceivedViewHolder(v: View):
RecyclerView.ViewHolder(v){
    val receivedMessage =
v.findViewById<TextView>(R.id.tvMessageReceived)
  }

}
```

FirebaseMessage.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase

import android.app.NotificationChannel
import android.app.NotificationManager
import android.content.Context
import android.os.Build
import android.util.Log
import android.widget.Toast
import androidx.core.app.NotificationCompat
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.PushNotificationModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.ShowNotification
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener
import
com.google.firebase.messaging.FirebaseMessagingServ
ice
import com.google.firebase.messaging.RemoteMessage
import com.google.gson.Gson
import java.util.Random

class FirebaseMessage: FirebaseMessagingService() {
  lateinit var database : DatabaseReference
  lateinit var sharedpref : SharedPreferencesLogin
  override fun onNewToken(token: String) {
    super.onNewToken(token)
    Log.d("messagingToken", "onSuccess2: $token")
    sharedpref = SharedPreferencesLogin(this)
    database = FirebaseService().firebase()

database.child("users").addListenerForSingleValueEven
t(object : ValueEventListener{
      override fun onDataChange(snapshot:
DataSnapshot) {
```

```
database.child(sharedpref.getId()).child("id").setValue(s
haredpref.getId())

database.child(sharedpref.getId()).child("nama").setVal
ue(sharedpref.getNama())

database.child(sharedpref.getId()).child("umur").setVal
ue(sharedpref.getUmur())

database.child(sharedpref.getId()).child("username").set
Value(sharedpref.getUsername())

database.child(sharedpref.getId()).child("password").set
Value(sharedpref.getPassword())

database.child(sharedpref.getId()).child("sebagai").setV
alue(sharedpref.getSebagai())

database.child(sharedpref.getId()).child("token").setVal
ue(token)

            sharedpref.setLogin(sharedpref.getId(),
sharedpref.getNama(),
                sharedpref.getUmur(),
sharedpref.getUsername(),sharedpref.getPassword(),
                sharedpref.getSebagai(), token)
        }

        override fun onCancelled(error: DatabaseError)
{
            Toast.makeText(this@FirebaseMessage,
"Gagal", Toast.LENGTH_SHORT).show()
        }

    })
  }

  override fun onMessageReceived(message:
RemoteMessage) {
//      var dataGson =
      var dataGson = "${message.data};;;"
      try{
        super.onMessageReceived(message)
//          dataGson = Gson().toJson(message.data)
//          dataGson = Gson().toJson(message.data)

//          var title = message.notification!!.title.toString()
//          var content =
message.notification!!.body.toString()

        val limitGson = dataGson.split(", content=")

        val valueLimitTitle =
limitGson[0].split("{title=")
        val valueLimitContent =
limitGson[1].split("};;;")

        val title = valueLimitTitle[1]
        val content = valueLimitContent[0]

//      ShowNotification().shotNotification(this, title,
content)

        val builder: NotificationCompat.Builder =
            NotificationCompat.Builder(this,
"Pengetahuan Dasar HIV AIDS 1")

        builder.apply {
            setSmallIcon(R.drawable.logo_nurse)
            setContentTitle(title)
            setContentText(content)

setPriority(NotificationCompat.PRIORITY_MAX)
        }

        val manager: NotificationManager =

this.getSystemService(Context.NOTIFICATION_SER
VICE) as NotificationManager

        if (Build.VERSION.SDK_INT >=
Build.VERSION_CODES.O) {
            var channelId = "Pengetahuan Dasar HIV
AIDS 2"
            var channel = NotificationChannel(
              channelId,
              "Pengetahuan Dasar HIV AIDS 3",

NotificationManager.IMPORTANCE_HIGH
            )
            manager.createNotificationChannel(channel)
            builder.setChannelId(channelId)
        }

        manager.notify(Random().nextInt(),
builder.build())
      }
      catch (ex: Exception){
        Log.d("ExceptionTag", "onMessageReceived:
$dataGson dan $ex")
      }
  }

  override fun onMessageSent(msgId: String) {
    super.onMessageSent(msgId)

//      {
//        "data":{
//        "title":"",
//        "content":"Halo bang"
//      },
//        "to":""
//      }

//      c7qrm-kKQJiU4FbuJer-
9N:APA91bHAH0TNor3cxU4e0a4J_of3QfSbHzaA8X
-vTvOtaB-
7YbTkxJyKYJF6WHtkVrk7F6nyTuACiKRX3p4aeqD
qNPJPndR2ThLa6X94XHQr9lofdRrCRgW6WAqF43
Dq4F0DFlUrcKlj
  }
}

FirebaseService.kt
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase

import android.content.Context
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin
import
com.google.firebase.database.DatabaseReference
import com.google.firebase.database.FirebaseDatabase

class FirebaseService(){
```

```
    lateinit var database : DatabaseReference
    lateinit var sharedPref : SharedPreferencesLogin
    fun firebase(): DatabaseReference{
        database =
FirebaseDatabase.getInstance().getReferenceFromUrl("
https://pengetahuan-dasar-hiv-aids-default-
rtdb.firebaseio.com/")
        return database
    }
}
```

ApiConfig.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.retrofit

import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.NotificationModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.PushNotificationModel
import retrofit2.Call
import retrofit2.http.Body
import retrofit2.http.Field
import retrofit2.http.FormUrlEncoded
import retrofit2.http.GET
import retrofit2.http.Headers
import retrofit2.http.POST
import retrofit2.http.Query

interface ApiConfig {

    // POST
    //Daftar user

    @Headers(
        "Content-Type:application/json",

"Authorization:key=AAAAOVHRxV4:APA91bGqvH3
5P8L77ZH-
YG2N2eU1OqzvL5qfZ4KSW1CYixNCYJeYTHvLGN
L-
PDcxoEz55rWrQagxEaR4pn5fMkgOc7zhBp6Bw5njH
DgblAxDOeaGK_SnW_BwT7DWemmcd8ISNg_BdPr
d"
    )
    @POST("fcm/send")
    fun postChat(@Body send:
PushNotificationModel):Call<PushNotificationModel>

}
```

ApiService.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.retrofit

import com.google.gson.GsonBuilder
import okhttp3.Interceptor
import okhttp3.OkHttpClient
import retrofit2.Retrofit
import retrofit2.converter.gson.GsonConverterFactory

object ApiService {

    private const val BASE_URL =
"https://fcm.googleapis.com/"

    fun getRetrofit(): ApiConfig {
        val gson = GsonBuilder().setLenient().create()
        val retrofit =
Retrofit.Builder().baseUrl(BASE_URL)

.addConverterFactory(GsonConverterFactory.create(gs
on))
            .build()
        return retrofit.create(ApiConfig::class.java)
    }

}
```

KonselorModel.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model

class KonselorModel{
    var nama: String? = null
    var umur: Int? = null
    var username: String? = null
    var password: String? = null
    var sebagai: String? = null

    constructor(){}

    constructor(nama:String, umur:Int, username:String,
password:String, sebagai: String){
        this.nama = nama
        this.umur = umur
        this.username = username
        this.password = password
        this.sebagai = sebagai
    }
}
```

MessageModel.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model

import com.google.gson.annotations.SerializedName

class MessageModel {
    @SerializedName("idMessage")
    var idMessage: String? = null

    @SerializedName("message")
    var message: String? = null

    @SerializedName("idSent")
    var idSent: String? = null

    @SerializedName("idReceived")
    var idReceived: String? = null

    @SerializedName("tanggal")
    var tanggal: String? = null

    @SerializedName("waktu")
    var waktu: String? = null

    @SerializedName("ket")
    var ket: String? = null

//    @SerializedName("ket")
//    var ket: String? = null
```

```
    constructor(){}

//    constructor(message:String, idSent:String,
idReceived:String, ket:String){
//        this.message = message
//        this.idSent = idSent
//        this.idReceived = idReceived
//        this.ket = ket
//    }

    constructor(idMessage:String, message:String,
idSent:String, idReceived:String, tanggal:String,
waktu:String, ket:String){
        this.idMessage = idMessage
        this.message = message
        this.idSent = idSent
        this.idReceived = idReceived
        this.tanggal = tanggal
        this.waktu = waktu
        this.ket = ket
    }
}
```

NotificationModel.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model

import com.google.gson.annotations.SerializedName

class NotificationModel(
    @SerializedName("title")
    var title: String,

    @SerializedName("content")
    var content: String


)
```

PushNotificationModel.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model

import com.google.gson.annotations.SerializedName

class PushNotificationModel(
    @SerializedName("data")
    var data: NotificationModel,

    @SerializedName("to")
    var to: String

)
```

User.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model

import com.google.gson.annotations.SerializedName

class User (
    @SerializedName("id")
    val id: Int,

    @SerializedName("umur")
    val umur: Int,

    @SerializedName("username")
    val username: String,

    @SerializedName("password")
    val password: String,

    @SerializedName("sebagai")
    val sebagai: String,

    @SerializedName("message")
    val message: String
)
```

UsersModel.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model

import android.os.Parcel
import android.os.Parcelable
import com.google.gson.annotations.SerializedName

class UsersModel(
    @SerializedName("id")
    var id: String? = null,

    @SerializedName("nama")
    var nama: String? = null,

    @SerializedName("umur")
    var umur: Int? = null,

    @SerializedName("username")
    var username: String? = null,

    @SerializedName("password")
    var password: String? = null,

    @SerializedName("sebagai")
    var sebagai: String? = null,

    @SerializedName("token")
    var token: String? = null,
): Parcelable {
    constructor(parcel: Parcel) : this(
        parcel.readString(),
        parcel.readString(),
        parcel.readValue(Int::class.java.classLoader) as?
Int,
        parcel.readString(),
        parcel.readString(),
        parcel.readString(),
        parcel.readString()
    ) {
    }

    override fun writeToParcel(parcel: Parcel, flags: Int)
{
        parcel.writeString(id)
        parcel.writeString(nama)
        parcel.writeValue(umur)
        parcel.writeString(username)
        parcel.writeString(password)
        parcel.writeString(sebagai)
        parcel.writeString(token)
    }

    override fun describeContents(): Int {
```

```
        return 0
    }

    companion object CREATOR :
Parcelable.Creator<UsersModel> {
        override fun createFromParcel(parcel: Parcel):
UsersModel {
            return UsersModel(parcel)
        }

        override fun newArray(size: Int):
Array<UsersModel?> {
            return arrayOfNulls(size)
        }
    }
}
```

AdminMainActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin

import android.content.Intent
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityAdminMainBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer

class AdminMainActivity : AppCompatActivity() {
    private lateinit var binding:
ActivityAdminMainBinding
    lateinit var kontrolNavigationDrawer:
KontrolNavigationDrawer
    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityAdminMainBinding.inflate(layoutInflater)
        setContentView(binding.root)

        kontrolNavigationDrawer =
KontrolNavigationDrawer(this@AdminMainActivity)
        binding.apply {
            kontrolNavigationDrawer.cekSebagai(navView)

kontrolNavigationDrawer.onClickItemNavigationDraw
er(navView, drawerLayoutMain, ivDrawerView,
this@AdminMainActivity)
        }

        setButton()

    }

    private fun setButton() {
        binding.apply {
            btnSemuaKonselor.setOnClickListener {

startActivity(Intent(this@AdminMainActivity,
AdminSemuaKonselorActivity::class.java))
                finish()
            }
            btnSemuaUser.setOnClickListener {

startActivity(Intent(this@AdminMainActivity,
AdminSemuaUserActivity::class.java))
                finish()
            }
        }
    }
}
```

AdminSemuaKonselorActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin

import android.annotation.SuppressLint
import android.content.Intent
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.text.InputType
import android.util.Log
import android.view.View
import android.widget.Button
import android.widget.ImageView
import android.widget.TextView
import android.widget.Toast
import androidx.appcompat.app.AlertDialog
import
androidx.recyclerview.widget.LinearLayoutManager
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.adapter.AdminListSemuaUserAdapter
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.UsersModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityAdminSemuaKonselorBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener
import java.text.SimpleDateFormat
import java.util.Calendar

class AdminSemuaKonselorActivity :
AppCompatActivity() {
    private lateinit var binding:
ActivityAdminSemuaKonselorBinding
    private lateinit var kontrolNavigationDrawer:
KontrolNavigationDrawer
    lateinit var database: DatabaseReference
    lateinit var usersArrayList: ArrayList<UsersModel>
    lateinit var semuaUserAdapter:
AdminListSemuaUserAdapter
    lateinit var loading: LoadingAlertDialog
```

```
    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityAdminSemuaKonselorBinding.inflate(layoutInf
later)
        setContentView(binding.root)

        kontrolNavigationDrawer =
KontrolNavigationDrawer(this@AdminSemuaKonselor
Activity)
        binding.apply {
            kontrolNavigationDrawer.cekSebagai(navView)

kontrolNavigationDrawer.onClickItemNavigationDraw
er(navView, drawerLayoutMain, ivDrawerView,
this@AdminSemuaKonselorActivity)
        }

        loading =
LoadingAlertDialog(this@AdminSemuaKonselorActivi
ty)
        database =
FirebaseService().firebase().child("users")
        usersArrayList = ArrayList()

        binding.btnTambahData.setOnClickListener{
            dialogTambahData()
        }

        database.addValueEventListener(object:
ValueEventListener {
            @SuppressLint("NotifyDataSetChanged")
            override fun onDataChange(snapshot:
DataSnapshot) {
                usersArrayList = ArrayList()
                for(value in snapshot.children){
                    val id = value.child("id").value.toString()
                    val nama =
value.child("nama").value.toString()
                    val umur =
value.child("umur").value.toString()
                    val username =
value.child("username").value.toString()
                    val password =
value.child("password").value.toString()
                    val sebagai =
value.child("sebagai").value.toString()
                    val token =
value.child("token").value.toString()

                    if(sebagai.trim() == "Konselor"){
                        usersArrayList.add(UsersModel(id,
nama, umur.toInt(), username, password, sebagai,
token))
                    }
                }
                Log.d("AdminSemuaUserActivityTAG",
"onDataChange: $usersArrayList")

                semuaUserAdapter =
AdminListSemuaUserAdapter(usersArrayList, object :
AdminListSemuaUserAdapter.onClick{
                    override fun ClickItem(data: UsersModel,
it: View) {
                        val i =
Intent(this@AdminSemuaKonselorActivity,
AdminSemuaKonselorDetailActivity::class.java)
                        i.putExtra("dataKonselor", data)
                        startActivity(i)
                    }
                })
                binding.rvListUser.layoutManager =
LinearLayoutManager(this@AdminSemuaKonselorActi
vity)
                binding.rvListUser.adapter =
semuaUserAdapter
                semuaUserAdapter.notifyDataSetChanged()
            }

            override fun onCancelled(error: DatabaseError)
{

Toast.makeText(this@AdminSemuaKonselorActivity,
"Gagal Memuat Database",
Toast.LENGTH_SHORT).show()
            }

        })
    }

    private fun dialogTambahData() {
        val viewAlertDialog =
View.inflate(this@AdminSemuaKonselorActivity,
R.layout.alert_dialog_update_akun, null)

        val etNama =
viewAlertDialog.findViewById<TextView>(R.id.etNa
ma)
        val etUmur =
viewAlertDialog.findViewById<TextView>(R.id.etUm
ur)
        val etUsername =
viewAlertDialog.findViewById<TextView>(R.id.etUse
rname)
        val etPassword =
viewAlertDialog.findViewById<TextView>(R.id.etPas
sword)
        val btnShowPassword =
viewAlertDialog.findViewById<ImageView>(R.id.btn
ShowPassword)
        var cekShow = false

        val btnSimpan =
viewAlertDialog.findViewById<Button>(R.id.btnSimp
an)
        val btnBatal =
viewAlertDialog.findViewById<Button>(R.id.btnBatal)

        val alertDialog =
AlertDialog.Builder(this@AdminSemuaKonselorActivi
ty)
        alertDialog.setView(viewAlertDialog)
        val dialogInputan = alertDialog.create()
        dialogInputan.show()

        btnShowPassword.setOnClickListener {
            if (cekShow){
                cekShow = false
                etPassword.inputType =
InputType.TYPE_CLASS_TEXT or
InputType.TYPE_TEXT_VARIATION_PASSWORD

btnShowPassword.setImageResource(R.drawable.no_ey
e)
            } else{
                cekShow = true
```

```
            etPassword.inputType =
InputType.TYPE_CLASS_TEXT

btnShowPassword.setImageResource(R.drawable.eye)
        }
    }

    val str = "1234567890"
    var nama = "Konselor"
    val strId =
"abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNO
PQRSTUVWXYZ1234567890"
    var id = "Konselor"
    for(i in 0..7){
        nama+=str.random()
        id+=strId.random()
    }
    id+="-${tanggalSekarang()}${waktuSekarang()}"

    btnSimpan.setOnClickListener {
        loading.alertDialogLoading()
        postTambahData(dialogInputan, id,
etNama.text.toString(), etUmur.text.toString().toInt(),
etUsername.text.toString(), etPassword.text.toString(),
"Konselor", "")
    }
    btnBatal.setOnClickListener {
        dialogInputan.dismiss()
    }
}

private fun postTambahData(
    dialogInputan: AlertDialog,
    id: String,
    nama: String,
    umur: Int,
    username: String,
    password: String,
    sebagai: String,
    token: String,
) {
    database.addListenerForSingleValueEvent(object:
ValueEventListener {
        override fun onDataChange(snapshot:
DataSnapshot) {
            var cekUsernameTerdaftar = false
            for(value in snapshot.children){
                val valueUsername =
value.child("username").value.toString()

                if(valueUsername.toLowerCase() ==
username.toLowerCase()){
                    cekUsernameTerdaftar=true
                }
            }

            if(cekUsernameTerdaftar){

Toast.makeText(this@AdminSemuaKonselorActivity,
"Gagal Membuat Akun \nUsername sudah dimiliki
orang lain", Toast.LENGTH_LONG).show()
                loading.alertDialogCancel()
            }
            else{
                database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)

database.child(id).child("token").setValue(token)


Toast.makeText(this@AdminSemuaKonselorActivity,
"Berhasil Membuat Akun",
Toast.LENGTH_SHORT).show()
                loading.alertDialogCancel()
            }
            dialogInputan.dismiss()
        }

        override fun onCancelled(error: DatabaseError)
{

Toast.makeText(this@AdminSemuaKonselorActivity,
"Gagal Upate Data", Toast.LENGTH_SHORT).show()
            loading.alertDialogCancel()
            dialogInputan.dismiss()
        }

    })
}

fun tanggalSekarang():String{
    val calendar: Calendar = Calendar.getInstance()
    val simpleDateFormat =
SimpleDateFormat("yyyyMMdd")
    val dateTime =
simpleDateFormat.format(calendar.time)

    return dateTime
}

fun waktuSekarang():String{
    val calendar: Calendar = Calendar.getInstance()
    val simpleDateFormat =
SimpleDateFormat("HHmmss")
    val time =
simpleDateFormat.format(calendar.time)

    return time
}

override fun onBackPressed() {
    super.onBackPressed()

startActivity(Intent(this@AdminSemuaKonselorActivit
y, AdminMainActivity::class.java))
    finish()
}
}
```

AdminSemuaKonselorDetailActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.text.InputType
```

```
import android.view.View
import android.widget.Button
import android.widget.ImageView
import android.widget.TextView
import android.widget.Toast
import androidx.appcompat.app.AlertDialog
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.UsersModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityAdminSemuaKonselorDetailBind
ing
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityAdminSemuaUserDetailBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener

class AdminSemuaKonselorDetailActivity :
AppCompatActivity() {
    private lateinit var binding:
ActivityAdminSemuaKonselorDetailBinding
    lateinit var database: DatabaseReference
    lateinit var list: UsersModel
    private var idUser: String? = null
    lateinit var loading: LoadingAlertDialog
    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityAdminSemuaKonselorDetailBinding.inflate(lay
outInflater)
        setContentView(binding.root)
        loading =
LoadingAlertDialog(this@AdminSemuaKonselorDetail
Activity)
        database =
FirebaseService().firebase().child("users")

        setDataSebelumnya()
        setButton()
        setData()
    }

    private fun setButton() {
        binding.apply {
            ivDrawerView.setOnClickListener {
                finish()
            }
            btnHapusData.setOnClickListener {
                dialogHapusdata()
            }
            btnUbahData.setOnClickListener {
                dialogUpdateData(list.nama!!,
list.umur!!.toInt(), list.username!!, list.password!!,
list.sebagai!!, list.token!!)
            }
        }
    }



    private fun dialogHapusdata() {
        val viewAlertDialog =
View.inflate(this@AdminSemuaKonselorDetailActivity
, R.layout.alert_dialog_konfirmasi, null)

        val tvTitleKonfirmasi =
viewAlertDialog.findViewById<TextView>(R.id.tvTitl
eKonfirmasi)
        val tvBodyKonfirmasi =
viewAlertDialog.findViewById<TextView>(R.id.tvBod
yKonfirmasi)
        val btnKonfirmasi =
viewAlertDialog.findViewById<Button>(R.id.btnKonfi
rmasi)
        val btnBatal =
viewAlertDialog.findViewById<Button>(R.id.btnBatal)

        tvTitleKonfirmasi.text = "Hapus Akun?"
        tvBodyKonfirmasi.text = "Data yang terhapus
tidak dapat dipulihkan"

        val alertDialog =
AlertDialog.Builder(this@AdminSemuaKonselorDetail
Activity)
        alertDialog.setView(viewAlertDialog)
        val dialogInputan = alertDialog.create()
        dialogInputan.show()

        btnKonfirmasi.setOnClickListener {
            loading.alertDialogLoading()
            postDeleteData()
        }
        btnBatal.setOnClickListener {
            dialogInputan.dismiss()
        }
    }

    private fun postDeleteData() {

database.child(list.id!!).addListenerForSingleValueEve
nt(object: ValueEventListener {
            override fun onDataChange(snapshot:
DataSnapshot) {
                snapshot.ref.removeValue()

Toast.makeText(this@AdminSemuaKonselorDetailActi
vity, "Berhasil Hapus Data",
Toast.LENGTH_SHORT).show()
                loading.alertDialogCancel()
                finish()
            }

            override fun onCancelled(error: DatabaseError)
{

Toast.makeText(this@AdminSemuaKonselorDetailActi
vity, "Berhasil Hapus Data",
Toast.LENGTH_SHORT).show()
                loading.alertDialogCancel()
                finish()
```

```
            }
        })
    }

    private fun setDataSebelumnya() {
        val extras = intent.extras
        if(extras != null) {
            list =
intent.getParcelableExtra<UsersModel>("dataKonselor"
)!!
            idUser = list.id
        }
    }


    private fun setData() {
        binding.apply {
            etNama.setText(list.nama)
            etUmur.setText(list.umur.toString())
            etUsername.setText(list.username)
            etPassword.setText(list.password)
        }
    }

    fun dialogUpdateData(nama: String, umur: Int,
username: String, password: String, sebagai: String,
token: String){
        val viewAlertDialog =
View.inflate(this@AdminSemuaKonselorDetailActivity
, R.layout.alert_dialog_update_akun, null)

        val etNama =
viewAlertDialog.findViewById<TextView>(R.id.etNa
ma)
        val etUmur =
viewAlertDialog.findViewById<TextView>(R.id.etUm
ur)
        val etUsername =
viewAlertDialog.findViewById<TextView>(R.id.etUse
rname)
        val etPassword =
viewAlertDialog.findViewById<TextView>(R.id.etPas
sword)
        val btnShowPassword =
viewAlertDialog.findViewById<ImageView>(R.id.btn
ShowPassword)
        var cekShow = false

        val btnSimpan =
viewAlertDialog.findViewById<Button>(R.id.btnSimp
an)
        val btnBatal =
viewAlertDialog.findViewById<Button>(R.id.btnBatal)

        etNama.text = nama
        etUmur.text = umur.toString()
        etUsername.text = username
        etPassword.text = password

        val alertDialog =
AlertDialog.Builder(this@AdminSemuaKonselorDetail
Activity)
        alertDialog.setView(viewAlertDialog)
        val dialogInputan = alertDialog.create()
        dialogInputan.show()

        btnShowPassword.setOnClickListener {
            if (cekShow){
                cekShow = false
                etPassword.inputType =
InputType.TYPE_CLASS_TEXT or
InputType.TYPE_TEXT_VARIATION_PASSWORD

btnShowPassword.setImageResource(R.drawable.no_ey
e)
            } else{
                cekShow = true
                etPassword.inputType =
InputType.TYPE_CLASS_TEXT

btnShowPassword.setImageResource(R.drawable.eye)
            }
        }

        btnSimpan.setOnClickListener {
            loading.alertDialogLoading()
            postUpdateData(dialogInputan, idUser!!,
etNama.text.toString(), etUmur.text.toString().toInt(),
etUsername.text.toString(), etPassword.text.toString(),
sebagai, token, username)
        }
        btnBatal.setOnClickListener {
            dialogInputan.dismiss()
        }
    }


    fun postUpdateData(dialogInputan: AlertDialog,
id:String, nama: String, umur: Int, username: String,
password: String, sebagai: String, token:String,
usernameLama:String){
        database.addListenerForSingleValueEvent(object:
ValueEventListener {
            override fun onDataChange(snapshot:
DataSnapshot) {
                var cekUsernameTerdaftar = false
                for(value in snapshot.children){
                    val valueUsername =
value.child("username").value.toString()

                    if(valueUsername == username){
                        cekUsernameTerdaftar=true
                    }
                }

                if(cekUsernameTerdaftar){
                    if(usernameLama != username){

Toast.makeText(this@AdminSemuaKonselorDetailActi
vity, "Username sudah dimiliki orang lain",
Toast.LENGTH_LONG).show()
                        loading.alertDialogCancel()
                    }
                    else{

database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)
```

```
database.child(id).child("token").setValue(token)

                    list = UsersModel(
                        id,
                        nama,
                        umur,
                        username,
                        password,
                        sebagai,
                        token
                    )

                    setData()


Toast.makeText(this@AdminSemuaKonselorDetailActi
vity, "Berhasil Update data",
Toast.LENGTH_SHORT).show()
                    dialogInputan.dismiss()
                    loading.alertDialogCancel()
                }
            }
            else{
                database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)

                list = UsersModel(
                    id,
                    nama,
                    umur,
                    username,
                    password,
                    sebagai,
                    token
                )
                setData()

                loading.alertDialogCancel()

Toast.makeText(this@AdminSemuaKonselorDetailActi
vity, "Berhasil Update data",
Toast.LENGTH_SHORT).show()
                dialogInputan.dismiss()
            }
        }

        override fun onCancelled(error: DatabaseError)
{

Toast.makeText(this@AdminSemuaKonselorDetailActi
vity, "Gagal Upate Data",
Toast.LENGTH_SHORT).show()
            loading.alertDialogCancel()
        }

    })
  }
}
```

AdminSemuaUserActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin

import android.annotation.SuppressLint
import android.content.Intent
import android.os.Bundle
import android.text.InputType
import android.util.Log
import android.view.View
import android.widget.Button
import android.widget.ImageView
import android.widget.TextView
import android.widget.Toast
import androidx.appcompat.app.AlertDialog
import androidx.appcompat.app.AppCompatActivity
import
androidx.recyclerview.widget.LinearLayoutManager
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.adapter.AdminListSemuaUserAdapter
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.UsersModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityAdminSemuaUserBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener
import java.text.SimpleDateFormat
import java.util.Calendar

class AdminSemuaUserActivity : AppCompatActivity()
{
    private lateinit var binding:
ActivityAdminSemuaUserBinding
    lateinit var kontrolNavigationDrawer:
KontrolNavigationDrawer
    lateinit var database: DatabaseReference
    lateinit var usersArrayList: ArrayList<UsersModel>
    lateinit var semuaUserAdapter:
AdminListSemuaUserAdapter
    lateinit var loading: LoadingAlertDialog

    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityAdminSemuaUserBinding.inflate(layoutInflater
)
```

```
        setContentView(binding.root)

        kontrolNavigationDrawer =
KontrolNavigationDrawer(this@AdminSemuaUserActi
vity)
        binding.apply {
            kontrolNavigationDrawer.cekSebagai(navView)

kontrolNavigationDrawer.onClickItemNavigationDraw
er(navView, drawerLayoutMain, ivDrawerView,
this@AdminSemuaUserActivity)
        }
        loading =
LoadingAlertDialog(this@AdminSemuaUserActivity)
        database =
FirebaseService().firebase().child("users")
        usersArrayList = ArrayList()

        binding.btnTambahData.setOnClickListener{
            dialogTambahData()
        }

        database.addValueEventListener(object:
ValueEventListener {
            @SuppressLint("NotifyDataSetChanged")
            override fun onDataChange(snapshot:
DataSnapshot) {
                usersArrayList = ArrayList()
                for(value in snapshot.children){
                    val id = value.child("id").value.toString()
                    val nama =
value.child("nama").value.toString()
                    val umur =
value.child("umur").value.toString()
                    val username =
value.child("username").value.toString()
                    val password =
value.child("password").value.toString()
                    val sebagai =
value.child("sebagai").value.toString()
                    val token =
value.child("token").value.toString()

                    if(sebagai.trim() == "user"){
                        usersArrayList.add(UsersModel(id,
nama, umur.toInt(), username, password, sebagai,
token))
                    }
                }
                Log.d("AdminSemuaUserActivityTAG",
"onDataChange: $usersArrayList")

                semuaUserAdapter =
AdminListSemuaUserAdapter(usersArrayList, object :
AdminListSemuaUserAdapter.onClick{
                    override fun ClickItem(data: UsersModel,
it: View) {
                        val i =
Intent(this@AdminSemuaUserActivity,
AdminSemuaUserDetailActivity::class.java)
                        i.putExtra("dataUser", data)
                        startActivity(i)
                    }
                })
                binding.rvListUser.layoutManager =
LinearLayoutManager(this@AdminSemuaUserActivity
)
                binding.rvListUser.adapter =
semuaUserAdapter
                semuaUserAdapter.notifyDataSetChanged()
            }

            override fun onCancelled(error: DatabaseError)
{

Toast.makeText(this@AdminSemuaUserActivity,
"Gagal Memuat Database",
Toast.LENGTH_SHORT).show()
            }

        })
    }

    private fun dialogTambahData() {
        val viewAlertDialog =
View.inflate(this@AdminSemuaUserActivity,
R.layout.alert_dialog_update_akun, null)

        val etNama =
viewAlertDialog.findViewById<TextView>(R.id.etNa
ma)
        val etUmur =
viewAlertDialog.findViewById<TextView>(R.id.etUm
ur)
        val etUsername =
viewAlertDialog.findViewById<TextView>(R.id.etUse
rname)
        val etPassword =
viewAlertDialog.findViewById<TextView>(R.id.etPas
sword)
        val btnShowPassword =
viewAlertDialog.findViewById<ImageView>(R.id.btn
ShowPassword)
        var cekShow = false

        val btnSimpan =
viewAlertDialog.findViewById<Button>(R.id.btnSimp
an)
        val btnBatal =
viewAlertDialog.findViewById<Button>(R.id.btnBatal)

        val alertDialog =
AlertDialog.Builder(this@AdminSemuaUserActivity)
        alertDialog.setView(viewAlertDialog)
        val dialogInputan = alertDialog.create()
        dialogInputan.show()

        btnShowPassword.setOnClickListener {
            if (cekShow){
                cekShow = false
                etPassword.inputType =
InputType.TYPE_CLASS_TEXT or
InputType.TYPE_TEXT_VARIATION_PASSWORD

btnShowPassword.setImageResource(R.drawable.no_ey
e)
            } else{
                cekShow = true
                etPassword.inputType =
InputType.TYPE_CLASS_TEXT

btnShowPassword.setImageResource(R.drawable.eye)
            }
        }

        val str = "1234567890"
        var nama = "user"
```

```
        val strId =
"abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNO
PQRSTUVWXYZ1234567890"
        var id = "user"
        for(i in 0..7){
            nama+=str.random()
            id+=strId.random()
        }
        id+="-${tanggalSekarang()}${waktuSekarang()}"

        btnSimpan.setOnClickListener {
            loading.alertDialogLoading()
            postTambahData(dialogInputan, id,
etNama.text.toString(), etUmur.text.toString().toInt(),
etUsername.text.toString(), etPassword.text.toString(),
"user", "")
        }
        btnBatal.setOnClickListener {
            dialogInputan.dismiss()
        }
    }

    private fun postTambahData(
        dialogInputan: AlertDialog,
        id: String,
        nama: String,
        umur: Int,
        username: String,
        password: String,
        sebagai: String,
        token: String,
    ) {
        database.addListenerForSingleValueEvent(object:
ValueEventListener{
            override fun onDataChange(snapshot:
DataSnapshot) {
                var cekUsernameTerdaftar = false
                for(value in snapshot.children){
                    val valueUsername =
value.child("username").value.toString()

                    if(valueUsername.toLowerCase() ==
username.toLowerCase()){
                        cekUsernameTerdaftar=true
                    }
                }

                if(cekUsernameTerdaftar){

Toast.makeText(this@AdminSemuaUserActivity,
"Gagal Membuat Akun \nUsername sudah dimiliki
orang lain", Toast.LENGTH_LONG).show()
                    loading.alertDialogCancel()
                }
                else{
                    database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)

database.child(id).child("token").setValue(token)


Toast.makeText(this@AdminSemuaUserActivity,
"Berhasil Membuat Akun",
Toast.LENGTH_SHORT).show()
                    loading.alertDialogCancel()
                }
                dialogInputan.dismiss()
            }

            override fun onCancelled(error: DatabaseError)
{

Toast.makeText(this@AdminSemuaUserActivity,
"Gagal Upate Data", Toast.LENGTH_SHORT).show()
                loading.alertDialogCancel()
                dialogInputan.dismiss()
            }

        })
    }

    fun tanggalSekarang():String{
        val calendar: Calendar = Calendar.getInstance()
        val simpleDateFormat =
SimpleDateFormat("yyyyMMdd")
        val dateTime =
simpleDateFormat.format(calendar.time)

        return dateTime
    }

    fun waktuSekarang():String{
        val calendar: Calendar = Calendar.getInstance()
        val simpleDateFormat =
SimpleDateFormat("HHmmss")
        val time =
simpleDateFormat.format(calendar.time)

        return time
    }

    override fun onBackPressed() {
        super.onBackPressed()

startActivity(Intent(this@AdminSemuaUserActivity,
AdminMainActivity::class.java))
        finish()
    }
}
```

AdminSemuaUserDetailActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.text.InputType
import android.view.View
import android.widget.Button
import android.widget.ImageView
import android.widget.TextView
import android.widget.Toast
import androidx.appcompat.app.AlertDialog
```

```
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.User
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.UsersModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityAdminSemuaUserDetailBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener
import java.text.SimpleDateFormat
import java.util.Calendar

class AdminSemuaUserDetailActivity :
AppCompatActivity() {
    private lateinit var binding:
ActivityAdminSemuaUserDetailBinding
    lateinit var database: DatabaseReference
    lateinit var list: UsersModel
    private var idUser: String? = null
    lateinit var loading: LoadingAlertDialog

    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityAdminSemuaUserDetailBinding.inflate(layoutI
nflater)
        setContentView(binding.root)
        loading =
LoadingAlertDialog(this@AdminSemuaUserDetailActi
vity)
        database =
FirebaseService().firebase().child("users")

        setDataSebelumnya()
        setButton()
        setData()

    }

    private fun setButton() {
        binding.apply {
            ivDrawerView.setOnClickListener {
                finish()
            }
            btnHapusData.setOnClickListener {
                dialogHapusdata()
            }
            btnUbahData.setOnClickListener {
                dialogUpdateData(list.nama!!,
list.umur!!.toInt(), list.username!!, list.password!!,
list.sebagai!!, list.token!!)
            }
        }
    }



    private fun dialogHapusdata() {
        val viewAlertDialog =
View.inflate(this@AdminSemuaUserDetailActivity,
R.layout.alert_dialog_konfirmasi, null)

        val tvTitleKonfirmasi =
viewAlertDialog.findViewById<TextView>(R.id.tvTitl
eKonfirmasi)
        val tvBodyKonfirmasi =
viewAlertDialog.findViewById<TextView>(R.id.tvBod
yKonfirmasi)
        val btnKonfirmasi =
viewAlertDialog.findViewById<Button>(R.id.btnKonfi
rmasi)
        val btnBatal =
viewAlertDialog.findViewById<Button>(R.id.btnBatal)

        tvTitleKonfirmasi.text = "Hapus Akun?"
        tvBodyKonfirmasi.text = "Data yang terhapus
tidak dapat dipulihkan"

        val alertDialog =
AlertDialog.Builder(this@AdminSemuaUserDetailActi
vity)
        alertDialog.setView(viewAlertDialog)
        val dialogInputan = alertDialog.create()
        dialogInputan.show()

        btnKonfirmasi.setOnClickListener {
            loading.alertDialogLoading()
            postDeleteData()
        }
        btnBatal.setOnClickListener {
            dialogInputan.dismiss()
        }
    }

    private fun postDeleteData() {

database.child(list.id!!).addListenerForSingleValueEve
nt(object: ValueEventListener{
            override fun onDataChange(snapshot:
DataSnapshot) {
                snapshot.ref.removeValue()

Toast.makeText(this@AdminSemuaUserDetailActivity,
"Berhasil Hapus Data",
Toast.LENGTH_SHORT).show()
                loading.alertDialogCancel()
                finish()
            }

            override fun onCancelled(error: DatabaseError)
{

Toast.makeText(this@AdminSemuaUserDetailActivity,
"Berhasil Hapus Data",
Toast.LENGTH_SHORT).show()
                loading.alertDialogCancel()
                finish()
```

```
        }

    })
}

private fun setDataSebelumnya() {
    val extras = intent.extras
    if(extras != null) {
        list =
intent.getParcelableExtra<UsersModel>("dataUser")!!
        idUser = list.id
    }
}


private fun setData() {
    binding.apply {
        etNama.setText(list.nama)
        etUmur.setText(list.umur.toString())
        etUsername.setText(list.username)
        etPassword.setText(list.password)
    }
}

fun dialogUpdateData(nama: String, umur: Int,
username: String, password: String, sebagai: String,
token: String){
    val viewAlertDialog =
View.inflate(this@AdminSemuaUserDetailActivity,
R.layout.alert_dialog_update_akun, null)

    val etNama =
viewAlertDialog.findViewById<TextView>(R.id.etNa
ma)
    val etUmur =
viewAlertDialog.findViewById<TextView>(R.id.etUm
ur)
    val etUsername =
viewAlertDialog.findViewById<TextView>(R.id.etUse
rname)
    val etPassword =
viewAlertDialog.findViewById<TextView>(R.id.etPas
sword)
    val btnShowPassword =
viewAlertDialog.findViewById<ImageView>(R.id.btn
ShowPassword)
    var cekShow = false

    val btnSimpan =
viewAlertDialog.findViewById<Button>(R.id.btnSimp
an)
    val btnBatal =
viewAlertDialog.findViewById<Button>(R.id.btnBatal)

    etNama.text = nama
    etUmur.text = umur.toString()
    etUsername.text = username
    etPassword.text = password

    val alertDialog =
AlertDialog.Builder(this@AdminSemuaUserDetailActi
vity)
    alertDialog.setView(viewAlertDialog)
    val dialogInputan = alertDialog.create()
    dialogInputan.show()

    btnShowPassword.setOnClickListener {
        if (cekShow){
            cekShow = false
            etPassword.inputType =
InputType.TYPE_CLASS_TEXT or
InputType.TYPE_TEXT_VARIATION_PASSWORD

btnShowPassword.setImageResource(R.drawable.no_ey
e)
        } else{
            cekShow = true
            etPassword.inputType =
InputType.TYPE_CLASS_TEXT

btnShowPassword.setImageResource(R.drawable.eye)
        }
    }

    btnSimpan.setOnClickListener {
        loading.alertDialogLoading()
        postUpdateData(dialogInputan, idUser!!,
etNama.text.toString(), etUmur.text.toString().toInt(),
etUsername.text.toString(), etPassword.text.toString(),
sebagai, token, username)
    }
    btnBatal.setOnClickListener {
        dialogInputan.dismiss()
    }
}


fun postUpdateData(dialogInputan: AlertDialog,
id:String, nama: String, umur: Int, username: String,
password: String, sebagai: String, token:String,
usernameLama:String){
    database.addListenerForSingleValueEvent(object:
ValueEventListener {
        override fun onDataChange(snapshot:
DataSnapshot) {
            var cekUsernameTerdaftar = false
            for(value in snapshot.children){
                val valueUsername =
value.child("username").value.toString()

                if(valueUsername == username){
                    cekUsernameTerdaftar=true
                }
            }

            if(cekUsernameTerdaftar){
                if(usernameLama != username){

Toast.makeText(this@AdminSemuaUserDetailActivity,
"Username sudah dimiliki orang lain",
Toast.LENGTH_LONG).show()
                    loading.alertDialogCancel()
                }
                else{

database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)
```

```
database.child(id).child("token").setValue(token)

                    list = UsersModel(
                        id,
                        nama,
                        umur,
                        username,
                        password,
                        sebagai,
                        token
                    )

                    setData()


Toast.makeText(this@AdminSemuaUserDetailActivity,
"Berhasil Update data",
Toast.LENGTH_SHORT).show()
                    dialogInputan.dismiss()
                    loading.alertDialogCancel()
                }
            }
            else{
                database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)

                list = UsersModel(
                    id,
                    nama,
                    umur,
                    username,
                    password,
                    sebagai,
                    token
                )
                setData()

                loading.alertDialogCancel()

Toast.makeText(this@AdminSemuaUserDetailActivity,
"Berhasil Update data",
Toast.LENGTH_SHORT).show()
                dialogInputan.dismiss()
            }
        }

        override fun onCancelled(error: DatabaseError)
{

Toast.makeText(this@AdminSemuaUserDetailActivity,
"Gagal Upate Data", Toast.LENGTH_SHORT).show()
            loading.alertDialogCancel()
        }

    })
  }
```

```
}

Konselor.kt
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.Konselor

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R

class Konselor : AppCompatActivity() {
  override fun onCreate(savedInstanceState: Bundle?)
{
      super.onCreate(savedInstanceState)

setContentView(R.layout.activity_Konselor_halaman_u
ser)
  }
}

KonselorHalamanKonselorActivity.kt
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.Konselor

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R

class KonselorHalamanKonselorActivity :
AppCompatActivity() {
  override fun onCreate(savedInstanceState: Bundle?)
{
      super.onCreate(savedInstanceState)

setContentView(R.layout.activity_Konselor_halaman_
Konselor)

  }
}
KonselorMainActivity.kt
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.Konselor

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R

class KonselorMainActivity : AppCompatActivity() {
  override fun onCreate(savedInstanceState: Bundle?)
{
      super.onCreate(savedInstanceState)
      setContentView(R.layout.activity_Konselor_main)
  }
}

MainActivity.kt
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user
```

```
import android.app.Activity
import android.content.Intent
import android.os.Bundle
import android.os.Handler
import android.view.Window
import android.view.WindowManager
import android.widget.Toast
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityMainBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.InformasiHivAidsActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.KonsultasiActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.TentangAplikasiActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin

class MainActivity : Activity() {
   lateinit var binding: ActivityMainBinding
   lateinit var sharedPref: SharedPreferencesLogin
   lateinit var loading: LoadingAlertDialog
   lateinit var kontrolNavigationDrawer:
KontrolNavigationDrawer
   override fun onCreate(savedInstanceState: Bundle?)
{
      super.onCreate(savedInstanceState)
      binding =
ActivityMainBinding.inflate(layoutInflater)
      val view = binding.root

requestWindowFeature(Window.FEATURE_NO_TITL
E)

window.setFlags(WindowManager.LayoutParams.FLA
G_FULLSCREEN,
WindowManager.LayoutParams.FLAG_FULLSCREE
N)
      setContentView(view)

      sharedPref =
SharedPreferencesLogin(this@MainActivity)
      loading = LoadingAlertDialog(this@MainActivity)
      kontrolNavigationDrawer =
KontrolNavigationDrawer(this@MainActivity)

      binding.apply {
         kontrolNavigationDrawer.cekSebagai(navView)

kontrolNavigationDrawer.onClickItemNavigationDraw
er(navView, drawerLayoutMain, igDrawerView,
this@MainActivity)

         btnInformasiHivAids.setOnClickListener {
            startActivity(Intent(this@MainActivity,
InformasiHivAidsActivity::class.java))
            finish()
         }
         btnKonsultasiKonselor.setOnClickListener {
            startActivity(Intent(this@MainActivity,
KonsultasiActivity::class.java))
            finish()
         }
         btnTentangAplikasi.setOnClickListener {
            startActivity(Intent(this@MainActivity,
TentangAplikasiActivity::class.java))
            finish()
         }
         btnAkun.setOnClickListener {
            startActivity(Intent(this@MainActivity,
UpdateAkunActivity::class.java))
            finish()
         }

         if(sharedPref.getSebagai() == "Konselor"){
            tvTitleKonsultasai.text = "Konsultasi Pasien"
         }
         else if(sharedPref.getSebagai() == "user"){
            tvTitleKonsultasai.text = "Konsultasi
Konselor"
         }

//          getToken.setOnClickListener {
//             val server = "c7qrm-kKQJiU4FbuJer-
9N:APA91bHAH0TNor3cxU4e0a4J_of3QfSbHzaA8X
-vTvOtaB-
7YbTkxJyKYJF6WHtkVrk7F6nyTuACiKRX3p4aeqD
qNPJPndR2ThLa6X94XHQr9lofdRrCRgW6WAqF43
Dq4F0DFlUrcKlj"
//             try {
//
ApiService.getRetrofit().postChat(PushNotificationMod
el(NotificationModel("Konselor ini","Halo pasien apa
kabar"), server))
//                    .enqueue(object:
Callback<PushNotificationModel> {
//                        override fun onResponse(
//                            call:
Call<PushNotificationModel>,
//                            response:
Response<PushNotificationModel>
//                        ) {
//
Toast.makeText(this@MainActivity, "Berhasil",
Toast.LENGTH_SHORT).show()
//                        }
//
//                        override fun onFailure(
//                            call:
Call<PushNotificationModel>,
//                            t: Throwable
//                        ) {
//
Toast.makeText(this@MainActivity, "Gagal:
${t.message}", Toast.LENGTH_SHORT).show()
//                        }
//
//                    })
//             }catch (ex: Exception){
//                Log.d("messagingToken", "onCreate:
$ex")
//             }
//
FirebaseMessaging.getInstance().token.apply {
//                addOnSuccessListener { p0 ->
```

```
//                    Log.d("messagingToken", "onSuccess:
$p0")
//
//                }
//                addOnCanceledListener {
//                    Toast.makeText(this@MainActivity,
"Gagal Mendapatkan Token",
Toast.LENGTH_SHORT).show()
//                }
//            }
//        }
        }
    }

    var tapDuaKali = false
    override fun onBackPressed() {
        if (tapDuaKali){
            super.onBackPressed()
        }
        tapDuaKali = true
        Toast.makeText(this@MainActivity, "Tekan
Sekali Lagi untuk keluar",
Toast.LENGTH_SHORT).show()

        Handler().postDelayed({
            tapDuaKali = false
        }, 2000)

    }
}
```

UpdateAkunActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user

import android.app.Activity
import android.content.Intent
import android.os.Bundle
import android.text.InputType
import android.util.Log
import android.view.View
import android.view.Window
import android.view.WindowManager
import android.widget.Button
import android.widget.ImageView
import android.widget.TextView
import android.widget.Toast
import androidx.appcompat.app.AlertDialog
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityUpdateAkunBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener

class UpdateAkunActivity : Activity() {
    lateinit var binding: ActivityUpdateAkunBinding
    lateinit var kontrolNavigationDrawer:
KontrolNavigationDrawer
    lateinit var sharedPref : SharedPreferencesLogin
    lateinit var database : DatabaseReference
    lateinit var loading: LoadingAlertDialog
    val TAG = "UpdateAkunActivityCek"

    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityUpdateAkunBinding.inflate(layoutInflater)
        val mainView = binding.root

requestWindowFeature(Window.FEATURE_NO_TITL
E)

window.setFlags(WindowManager.LayoutParams.FLA
G_FULLSCREEN,
WindowManager.LayoutParams.FLAG_FULLSCREE
N)
        setContentView(mainView)

        kontrolNavigationDrawer =
KontrolNavigationDrawer(this@UpdateAkunActivity)
        sharedPref =
SharedPreferencesLogin(this@UpdateAkunActivity)
        database =
FirebaseService().firebase().child("users")
        loading =
LoadingAlertDialog(this@UpdateAkunActivity)

        binding.apply {
            kontrolNavigationDrawer.cekSebagai(navView)

kontrolNavigationDrawer.onClickItemNavigationDraw
er(navView, drawerLayoutMain, ivDrawerView,
this@UpdateAkunActivity)

            var id = sharedPref.getId().trim()
            var nama = ""
            var umur = ""
            var username = ""
            var password = ""
            var sebagai = sharedPref.getSebagai()
            var token = sharedPref.getToken()


database.child(id).addValueEventListener(object :
ValueEventListener {
                override fun onDataChange(snapshot:
DataSnapshot) {
                    nama =
snapshot.child("nama").value.toString()
                    umur =
snapshot.child("umur").value.toString()
                    username =
snapshot.child("username").value.toString()
                    password =
snapshot.child("password").value.toString()

                    etNama.setText(nama)
```

```
                etUmur.setText(umur)
                etUsername.setText(username)
                etPassword.setText(password)
                Log.d(TAG, "onDataChange: nama:
${nama}, umur: $umur, username: $username,
password: $password")
            }

            override fun onCancelled(error:
DatabaseError) {

Toast.makeText(this@UpdateAkunActivity, "Gagal
Mengembil data", Toast.LENGTH_SHORT).show()
            }
        })

        btnUbahData.setOnClickListener {
            dialogUpdateData(nama, umur.toInt(),
username, password, sebagai, token)
        }
    }
}

    fun dialogUpdateData(nama: String, umur: Int,
username: String, password: String, sebagai: String,
token: String){
        val viewAlertDialog =
View.inflate(this@UpdateAkunActivity,
R.layout.alert_dialog_update_akun, null)

        val etNama =
viewAlertDialog.findViewById<TextView>(R.id.etNa
ma)
        val etUmur =
viewAlertDialog.findViewById<TextView>(R.id.etUm
ur)
        val etUsername =
viewAlertDialog.findViewById<TextView>(R.id.etUse
rname)
        val etPassword =
viewAlertDialog.findViewById<TextView>(R.id.etPas
sword)
        val btnShowPassword =
viewAlertDialog.findViewById<ImageView>(R.id.btn
ShowPassword)
        var cekShow = false

        val btnSimpan =
viewAlertDialog.findViewById<Button>(R.id.btnSimp
an)
        val btnBatal =
viewAlertDialog.findViewById<Button>(R.id.btnBatal)

        etNama.text = nama
        etUmur.text = umur.toString()
        etUsername.text = username
        etPassword.text = password

        val alertDialog =
AlertDialog.Builder(this@UpdateAkunActivity)
        alertDialog.setView(viewAlertDialog)
        val dialogInputan = alertDialog.create()
        dialogInputan.show()

        btnShowPassword.setOnClickListener {
            if (cekShow){
                cekShow = false
                etPassword.inputType =
InputType.TYPE_CLASS_TEXT or
InputType.TYPE_TEXT_VARIATION_PASSWORD

btnShowPassword.setImageResource(R.drawable.no_ey
e)
            } else{
                cekShow = true
                etPassword.inputType =
InputType.TYPE_CLASS_TEXT

btnShowPassword.setImageResource(R.drawable.eye)
            }
        }

        btnSimpan.setOnClickListener {
            loading.alertDialogLoading()
            postUpdateData(dialogInputan,
sharedPref.getId(), etNama.text.toString(),
etUmur.text.toString().toInt(),
etUsername.text.toString(), etPassword.text.toString(),
sebagai, token, username)
        }
        btnBatal.setOnClickListener {
            dialogInputan.dismiss()
        }
    }


    fun postUpdateData(dialogInputan:AlertDialog,
id:String, nama: String, umur: Int, username: String,
password: String, sebagai: String, token:String,
usernameLama:String){
        val map: HashMap<String, Any> = HashMap()
        map.put("id", id)
        map.put("nama", nama)
        map.put("umur", umur)
        map.put("username", username)
        map.put("password", password)
        map.put("sebagai", sebagai)

//
database.child(id).setValue(map).addOnSuccessListene
r {
//            Toast.makeText(this@UpdateAkunActivity,
"Berhasil", Toast.LENGTH_SHORT).show()
//            dialogInputan.dismiss()
//        }
        database.addListenerForSingleValueEvent(object:
ValueEventListener{
            override fun onDataChange(snapshot:
DataSnapshot) {
                var cekUsernameTerdaftar = false
                for(value in snapshot.children){
                    val valueUsername =
value.child("username").value.toString()

                    if(valueUsername == username){
                        cekUsernameTerdaftar=true
                    }
                }

                if(cekUsernameTerdaftar){
                    if(usernameLama != username){

Toast.makeText(this@UpdateAkunActivity, "Username
sudah dimiliki orang lain",
Toast.LENGTH_LONG).show()
                        loading.alertDialogCancel()
```

```
                }
                else{

database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)

database.child(id).child("token").setValue(token)

                    sharedPref.setLogin(id, nama, umur,
username, password, sebagai, token)

Toast.makeText(this@UpdateAkunActivity, "Berhasil
Update data", Toast.LENGTH_SHORT).show()
                    dialogInputan.dismiss()
                    loading.alertDialogCancel()
                }
            }
            else{
                database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)

                loading.alertDialogCancel()

Toast.makeText(this@UpdateAkunActivity, "Berhasil
Update data", Toast.LENGTH_SHORT).show()
                dialogInputan.dismiss()
            }
        }

        override fun onCancelled(error: DatabaseError)
{
            Toast.makeText(this@UpdateAkunActivity,
"Gagal Upate Data", Toast.LENGTH_SHORT).show()
            loading.alertDialogCancel()
        }

    })
  }

  override fun onBackPressed() {
    super.onBackPressed()

    startActivity(Intent(this@UpdateAkunActivity,
MainActivity::class.java))
    finish()

  }
}
```

ChatActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity

import android.annotation.SuppressLint
import android.app.Activity
import android.os.Build
import android.os.Bundle
import android.util.Log
import android.view.Window
import android.view.WindowManager
import android.widget.Toast
import
androidx.recyclerview.widget.LinearLayoutManager
import androidx.recyclerview.widget.RecyclerView
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.adapter.MessageKonsultasiAdapter
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.retrofit.ApiService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.MessageModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.NotificationModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.PushNotificationModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityChatBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import com.google.firebase.database.FirebaseDatabase
import
com.google.firebase.database.ValueEventListener
import retrofit2.Call
import retrofit2.Callback
import retrofit2.Response
import java.text.SimpleDateFormat
import java.time.LocalDate
import java.time.LocalTime
import java.time.ZoneId
import java.util.Calendar
import java.util.Date
import java.util.TimeZone

class ChatActivity : Activity() {
    lateinit var binding : ActivityChatBinding
    lateinit var sharedPref: SharedPreferencesLogin
    lateinit var database: DatabaseReference
    lateinit var messageAdapter:
MessageKonsultasiAdapter
    lateinit var messageArrayList :
ArrayList<MessageModel>
    var idSent: String? = null
```

```
    var idReceived: String? = null
    var senderRoom: String? = null
    var receivedRoom: String? = null
    var nama: String? = null
    var token: String? = null
    val TAG = "ChatActivity";
    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityChatBinding.inflate(layoutInflater)
        val view = binding.root

requestWindowFeature(Window.FEATURE_NO_TITL
E)

window.setFlags(WindowManager.LayoutParams.FLA
G_FULLSCREEN,
WindowManager.LayoutParams.FLAG_FULLSCREE
N)
        setContentView(view)

        val bundle = intent.extras
        sharedPref =
SharedPreferencesLogin(this@ChatActivity)
        database =
FirebaseService().firebase().child("chats").child("messa
ge")

        idSent = sharedPref.getId()
        idReceived = bundle!!.getString("id").toString()
        nama = bundle!!.getString("nama").toString()
        token = bundle!!.getString("token").toString()

        hurufAcak()

        binding.etMessage.requestFocus()

        database.addValueEventListener(object:
ValueEventListener{
            @SuppressLint("NotifyDataSetChanged")
            override fun onDataChange(snapshot:
DataSnapshot) {
                messageArrayList = ArrayList()
                for(value in snapshot.children){
                    var valueIdMessage: String? = ""
                    var valueMessage: String? = ""
                    var valueIdSent: String? = ""
                    var valueIdReceived: String? = ""
                    var valueTanggal: String? = ""
                    var valueWaktu: String? = ""
                    var valueKet: String? = ""

                    for(valueKedua in value.children){
                        val childIdMessage =
value.child("idMessage").value.toString()
                        val childMessage =
value.child("message").value.toString()
                        val childIdSent =
value.child("idSent").value.toString()
                        val childIdReceived =
value.child("idReceived").value.toString()
                        val childTanggal =
value.child("tanggal").value.toString()
                        val childWaktu =
value.child("waktu").value.toString()

                        if(childIdSent == idSent &&
childIdReceived == idReceived){
                            valueIdMessage = childIdMessage
                            valueMessage = childMessage
                            valueIdSent = childIdSent
                            valueIdReceived = childIdReceived
                            valueTanggal = childTanggal
                            valueWaktu = childWaktu
                            valueKet = childWaktu
                        }
                        else if(childIdSent == idReceived &&
childIdReceived == idSent){
                            valueIdMessage = childIdMessage
                            valueMessage = childMessage
                            valueIdSent = childIdSent
                            valueIdReceived = childIdReceived
                            valueTanggal = childTanggal
                            valueWaktu = childWaktu
                            valueKet = childWaktu
                        }

//                        val currentChat =
value.getValue(MessageModel::class.java)
//
//                        if(currentChat!!.idSent == idSent &&
currentChat.idReceived==idReceive){
//                            valueMessage =
currentChat.message
//                            valueIdSent = currentChat.idSent
//                            valueIdReceived =
currentChat.idReceived
//
////                            Log.d(TAG, "onDataChange:
Berhasil: ${currentChat!!.idSent} dan
${currentChat!!.idReceived}")
////
messageArrayList.add(currentChat!!)
//                        }
//                        else if(currentChat!!.idSent ==
idReceive && currentChat.idReceived==idSent){
//                            valueMessage =
currentChat.message
//                            valueIdSent = currentChat.idSent
//                            valueIdReceived =
currentChat.idReceived
//
//                            Log.d(TAG, "onDataChange:
Message: ${valueMessage}")
//                            Log.d(TAG, "onDataChange:
Username Send: ${valueIdSent}")
//                            Log.d(TAG, "onDataChange:
Username Received: ${valueIdReceived}")
//                        }
                    }
                    if(valueMessage!!.isNotEmpty() &&
valueIdSent!!.isNotEmpty() &&
valueIdReceived!!.isNotEmpty()){
                        messageArrayList.add(
                            MessageModel(
                                valueIdMessage.toString(),
                                valueMessage.toString(),
                                valueIdSent.toString(),
                                valueIdReceived.toString(),
                                valueTanggal.toString(),
                                valueWaktu.toString(),
                                valueKet.toString()
                            )
                        )
                    }
```

```
//
messageArrayList.add(MessageModel(valueMessage!!,
valueIdSent!!, valueIdReceived!!))
//                    messageArrayList[0] =
MessageModel(valueMessage!!, valueIdSent!!,
valueIdReceived!!)
                Log.d(TAG, "onDataChange 1:
${messageArrayList.size}")
                Log.d(TAG, "onDataChange 2:
${messageArrayList.size}")

//                val currentChat =
value.getValue(MessageModel::class.java)
//                if(currentChat!!.idSent ==
sharedPref.getUsername() && currentChat!!.idSent ==
bundle!!.getString("id")){
//                    messageArrayList.add(currentChat!!)
//                    Log.d(TAG, "onData:
${currentChat.message} : ${currentChat.idSent} :
${currentChat.idReceived}")
//                }
//                Log.d(TAG, "onDataChange:
${messageArrayList.size} : ${messageArrayList}")
            }
            Log.d(TAG, "onDataChange: size:
${messageArrayList.size}")

            val sorted =
messageArrayList.sortedWith(compareBy {
it.idMessage })
            Log.d(TAG, "sorted: ")
            for(i in sorted){
                Log.d(TAG, "sorted data: ${i.idMessage},
${i.idReceived}, ${i.idSent}, ${i.message} ")
            }

//              messageAdapter =
MessageKonsultasiAdapter(this@ChatActivity,
messageArrayList, sharedPref.getId())
            messageAdapter =
MessageKonsultasiAdapter(this@ChatActivity, sorted,
sharedPref.getId())


binding.rvListKonsultasiChatKonselor.layoutManager
= LinearLayoutManager(this@ChatActivity)

binding.rvListKonsultasiChatKonselor.adapter =
messageAdapter

binding.rvListKonsultasiChatKonselor.scrollToPosition
(messageArrayList.size-1)
            messageAdapter.notifyDataSetChanged()
        }

        override fun onCancelled(error: DatabaseError)
{
            Toast.makeText(this@ChatActivity, "Gagal",
Toast.LENGTH_SHORT).show()
        }

    })
    binding.apply {
        ivBack.setOnClickListener{
            finish()
        }
        tvNamaKonselor.text = nama

        btnSendMessage.setOnClickListener {
            if(etMessage.text.trim().isNotEmpty()){
                // Kirim data
//                Toast.makeText(this@ChatActivity,
"Terkirim", Toast.LENGTH_SHORT).show()

database.addListenerForSingleValueEvent(object:
ValueEventListener{
                    override fun onDataChange(snapshot:
DataSnapshot) {

database.child("$senderRoom").child("idMessage").set
Value(senderRoom)

database.child("$senderRoom").child("message").setVa
lue(etMessage.text.toString().trim())

database.child("$senderRoom").child("idSent").setValu
e(idSent)

database.child("$senderRoom").child("idReceived").set
Value(idReceived)
//
database.child("$senderRoom").child("tanggal").setVal
ue(tanggalSekarang())

database.child("$senderRoom").child("tanggal").setVal
ue(tanggalSekarangZonaMakassar())
//
database.child("$senderRoom").child("waktu").setValu
e(waktuSekarang())

database.child("$senderRoom").child("waktu").setValu
e(waktuSekarangZonaMakassar())

database.child("$senderRoom").child("ket").setValue("
belum dibaca")

                        postMessage(sharedPref.getNama(),
etMessage.text.toString(), token.toString())

                        etMessage.text = null
                        hurufAcak()
                    }

                    override fun onCancelled(error:
DatabaseError) {
                        Toast.makeText(this@ChatActivity,
"Gagal", Toast.LENGTH_SHORT).show()
                    }

                })
            }
        }
    }
}

fun hurufAcak(){

//        val dateTime = "${tanggalSekarang()}-
${waktuSekarang()}"
        val dateTime =
"${tanggalSekarangZonaMakassar()}-
${waktuSekarangZonaMakassar()}"

//        var str =
"abcdefghijklmnopqrstuvwxyz1234567890"
//        var hurufAcak = "1"
//        for(i in 1..10){
//            hurufAcak+=str.random()
```

```
//        }
//        this.senderRoom = "$idSent-$idReceive-
$hurufAcak"
//        this.receivedRoom = "$idReceive-$idSent-
$hurufAcak"

        this.senderRoom = "${dateTime}--$idSent--
$idReceived"
        this.receivedRoom = "${dateTime}--$idReceived--
$idSent"
    }

    fun tanggalSekarang():String{
        val calendar: Calendar = Calendar.getInstance()
        calendar.timeZone =
TimeZone.getTimeZone("Asia/Jakarta")
        val simpleDateFormat =
SimpleDateFormat("yyyy-MM-dd")
        simpleDateFormat.timeZone =
TimeZone.getTimeZone("Asia/Jakarta")
        val dateTime =
simpleDateFormat.format(calendar.time)

        return dateTime
    }

    fun waktuSekarang():String{
        val calendar: Calendar = Calendar.getInstance()
        calendar.timeZone =
TimeZone.getTimeZone("Asia/Jakarta")
        val simpleDateFormat =
SimpleDateFormat("HH:mm:ss")
        simpleDateFormat.timeZone =
TimeZone.getTimeZone("Asia/Jakarta")
        val time =
simpleDateFormat.format(calendar.time)

        return time
    }

    @SuppressLint("SimpleDateFormat")
    fun tanggalSekarangZonaMakassar():String{
        var date = ""
        if (Build.VERSION.SDK_INT >=
Build.VERSION_CODES.O) {
            val makassarZone  =
ZoneId.of("Asia/Makassar")
            val makassarTanggal =
LocalDate.now(makassarZone)
            val tanggal = makassarTanggal
            date = "$tanggal"
        } else {
            val makassarTimeZone =
TimeZone.getTimeZone("Asia/Makassar")
            val dateFormat = SimpleDateFormat("yyyy-
MM-dd")
            dateFormat.timeZone = makassarTimeZone
            val currentDate = Date()
            val makassarDate =
dateFormat.format(currentDate)
            date = makassarDate
        }

        return date
    }

    @SuppressLint("SimpleDateFormat")
    fun waktuSekarangZonaMakassar():String{
        var time = ""
        if (Build.VERSION.SDK_INT >=
Build.VERSION_CODES.O) {
            val makassarZone  =
ZoneId.of("Asia/Makassar")
            val makassarTime =
LocalTime.now(makassarZone)
            val waktu = makassarTime.toString().split(".")
            time = waktu[0]

        } else {
            val makassarTimeZone =
TimeZone.getTimeZone("Asia/Makassar")
            val timeFormat =
SimpleDateFormat("HH:mm:ss")
            timeFormat.timeZone = makassarTimeZone
            val currentTime = Date()
            val makassarTime =
timeFormat.format(currentTime)
            time = makassarTime
        }
        return time
    }

    fun idMessage(): String{
        var str =
"abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNO
PQRSTUVWXYZ1234567890"
        var hurufAcak = ""
        for(i in 1..20){
            hurufAcak+=str.random()
        }

        return hurufAcak
    }

    fun postMessage(valueNama:String,
valueMessage:String, token: String){

ApiService.getRetrofit().postChat(PushNotificationMod
el(NotificationModel(valueNama,valueMessage),
token))
            .enqueue(object:
Callback<PushNotificationModel> {
                override fun onResponse(
                    call: Call<PushNotificationModel>,
                    response:
Response<PushNotificationModel>
                ) {
                    Toast.makeText(this@ChatActivity,
"Berhasil", Toast.LENGTH_SHORT).show()
                }

                override fun onFailure(
                    call: Call<PushNotificationModel>,
                    t: Throwable
                ) {
                    Toast.makeText(this@ChatActivity,
"Gagal: ${t.message}",
Toast.LENGTH_SHORT).show()
                }

            })
    }
}
```

InformasiHivAidsActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity
```

```
import android.app.Activity
import android.content.Intent
import android.os.Bundle
import android.transition.AutoTransition
import android.transition.TransitionManager
import android.view.View
import android.view.Window
import android.view.WindowManager
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityInformasiHivAidsBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user.MainActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin

class InformasiHivAidsActivity : Activity() {
    lateinit var binding:
ActivityInformasiHivAidsBinding
    lateinit var sharedPref: SharedPreferencesLogin
    lateinit var loading: LoadingAlertDialog
    lateinit var kontrolNavigationDrawer:
KontrolNavigationDrawer
    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityInformasiHivAidsBinding.inflate(layoutInflater
)

requestWindowFeature(Window.FEATURE_NO_TITL
E)

window.setFlags(WindowManager.LayoutParams.FLA
G_FULLSCREEN,
WindowManager.LayoutParams.FLAG_FULLSCREE
N)
        setContentView(binding.root)

        sharedPref =
SharedPreferencesLogin(this@InformasiHivAidsActivit
y)
        loading =
LoadingAlertDialog(this@InformasiHivAidsActivity)
        kontrolNavigationDrawer =
KontrolNavigationDrawer(this@InformasiHivAidsActi
vity)

        binding.apply{
            kontrolNavigationDrawer.cekSebagai(navView)

kontrolNavigationDrawer.onClickItemNavigationDraw
er(navView, drawerLayoutMain, ivDrawerView,
this@InformasiHivAidsActivity)

            // Definisi HIV AIDS
            clDefinisiHivAids.setOnClickListener {
                if(isiDefinisiHivAids.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                    isiDefinisiHivAids.visibility =
View.VISIBLE

arrowDefinisiHivAids.setBackgroundResource(R.draw
able.baseline_arrow_drop_up_24)
                }
                else if(isiDefinisiHivAids.visibility ==
View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                    isiDefinisiHivAids.visibility =
View.GONE

arrowDefinisiHivAids.setBackgroundResource(R.draw
able.baseline_arrow_drop_down_24)
                }
            }

            // Sejarah HIV AIDS
            clSejarahHivAids.setOnClickListener {
                if(isiSejarahHivAids.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                    isiSejarahHivAids.visibility =
View.VISIBLE

arrowSejarahHivAids.setBackgroundResource(R.drawa
ble.baseline_arrow_drop_up_24)
                }
                else if(isiSejarahHivAids.visibility ==
View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                    isiSejarahHivAids.visibility = View.GONE

arrowSejarahHivAids.setBackgroundResource(R.drawa
ble.baseline_arrow_drop_down_24)
                }
            }

            // Gejala HIV AIDS
            clGejalaHivAids.setOnClickListener {
                if(isiGejalaHivAids.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                    isiGejalaHivAids.visibility =
View.VISIBLE

arrowGejalaHivAids.setBackgroundResource(R.drawab
le.baseline_arrow_drop_up_24)
                }
                else if(isiGejalaHivAids.visibility ==
View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                    isiGejalaHivAids.visibility = View.GONE
```

```
arrowGejalaHivAids.setBackgroundResource(R.drawab
le.baseline_arrow_drop_down_24)
            }
        }

        // Penularan HIV AIDS
        clPenularanHivAids.setOnClickListener {
            if(isiPenularanHivAids.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiPenularanHivAids.visibility =
View.VISIBLE

arrowPenularanHivAids.setBackgroundResource(R.dra
wable.baseline_arrow_drop_up_24)
            }
            else if(isiPenularanHivAids.visibility ==
View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiPenularanHivAids.visibility =
View.GONE

arrowPenularanHivAids.setBackgroundResource(R.dra
wable.baseline_arrow_drop_down_24)
            }
        }

        // Metode Tes HIV AIDS
        clMetodeTesHivAids.setOnClickListener {
            if(isiMetodeTesHivAids.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiMetodeTesHivAids.visibility =
View.VISIBLE

arrowMetodeTesHivAids.setBackgroundResource(R.dr
awable.baseline_arrow_drop_up_24)
            }
            else if(isiMetodeTesHivAids.visibility ==
View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiMetodeTesHivAids.visibility =
View.GONE

arrowMetodeTesHivAids.setBackgroundResource(R.dr
awable.baseline_arrow_drop_down_24)
            }
        }

        // Pencegahan HIV AIDS
        clPencegahanHivAids.setOnClickListener {
            if(isiPencegahanHivAids.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiPencegahanHivAids.visibility =
View.VISIBLE

arrowPencegahanHivAids.setBackgroundResource(R.dr
awable.baseline_arrow_drop_up_24)
            }
            else if(isiPencegahanHivAids.visibility ==
View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiPencegahanHivAids.visibility =
View.GONE

arrowPencegahanHivAids.setBackgroundResource(R.dr
awable.baseline_arrow_drop_down_24)
            }
        }

        // Pengobatan HIV AIDS
        clPengobatanHivAids.setOnClickListener {
            if(isiPengobatanHivAids.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiPengobatanHivAids.visibility =
View.VISIBLE

arrowPengobatanHivAids.setBackgroundResource(R.dr
awable.baseline_arrow_drop_up_24)
            }
            else if(isiPengobatanHivAids.visibility ==
View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiPengobatanHivAids.visibility =
View.GONE

arrowPengobatanHivAids.setBackgroundResource(R.dr
awable.baseline_arrow_drop_down_24)
            }
        }

        // Mencegah HIV AIKomplikasiDS

clMencegahHivAidsKomplikasi.setOnClickListener {
            if(isiMencegahHivAidsKomplikasi.visibility
== View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiMencegahHivAidsKomplikasi.visibility
= View.VISIBLE

arrowMencegahHivAidsKomplikasi.setBackgroundRes
ource(R.drawable.baseline_arrow_drop_up_24)
            }
            else
if(isiMencegahHivAidsKomplikasi.visibility ==
View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiMencegahHivAidsKomplikasi.visibility
= View.GONE

arrowMencegahHivAidsKomplikasi.setBackgroundRes
ource(R.drawable.baseline_arrow_drop_down_24)
            }
```

```
        }

        // UndangUndangKerahasiaanDataPasien HIV
AIDS

clUndangUndangKerahasiaanDataPasienHivAids.setOn
ClickListener {

if(isiUndangUndangKerahasiaanDataPasienHivAids.vis
ibility == View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())

isiUndangUndangKerahasiaanDataPasienHivAids.visibi
lity = View.VISIBLE

arrowUndangUndangKerahasiaanDataPasienHivAids.se
tBackgroundResource(R.drawable.baseline_arrow_drop
_up_24)
            }
            else
if(isiUndangUndangKerahasiaanDataPasienHivAids.vis
ibility == View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())

isiUndangUndangKerahasiaanDataPasienHivAids.visibi
lity = View.GONE

arrowUndangUndangKerahasiaanDataPasienHivAids.se
tBackgroundResource(R.drawable.baseline_arrow_drop
_down_24)
            }
        }

        // Data Hiv Aids Di Indonesia HIV AIDS
        clDataHivAidsDiParepare.setOnClickListener {
            if(isiDataHivAidsDiParepare.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiDataHivAidsDiParepare.visibility =
View.VISIBLE

arrowDataHivAidsDiParepare.setBackgroundResource(
R.drawable.baseline_arrow_drop_up_24)
            }
            else if(isiDataHivAidsDiParepare.visibility
== View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                isiDataHivAidsDiParepare.visibility =
View.GONE

arrowDataHivAidsDiParepare.setBackgroundResource(
R.drawable.baseline_arrow_drop_down_24)
            }
        }

        // Data Hiv Aids Di Asia Pasific HIV AIDS
        clDataHivAidsDiIndonesia.setOnClickListener
{
            if(llDataHivAidsDiIndonesia.visibility ==
View.GONE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                llDataHivAidsDiIndonesia.visibility =
View.VISIBLE

arrowDataHivAidsDiIndonesia.setBackgroundResource
(R.drawable.baseline_arrow_drop_up_24)
            }
            else if(llDataHivAidsDiIndonesia.visibility
== View.VISIBLE){

TransitionManager.beginDelayedTransition(lyHivAids,
AutoTransition())
                llDataHivAidsDiIndonesia.visibility =
View.GONE

arrowDataHivAidsDiIndonesia.setBackgroundResource
(R.drawable.baseline_arrow_drop_down_24)
            }
        }

    }
}


override fun onBackPressed() {
    super.onBackPressed()


startActivity(Intent(this@InformasiHivAidsActivity,
MainActivity::class.java))
    finish()
}
}
```

KonsultasiActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity

import android.annotation.SuppressLint
import android.app.Activity
import android.content.Intent
import android.os.Bundle
import android.util.Log
import android.view.Window
import android.view.WindowManager
import android.widget.Toast
import
androidx.recyclerview.widget.LinearLayoutManager
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.adapter.ListKonsultasiUserAdapter
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.UsersModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityKonsultasiBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user.MainActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer
```

```
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener

class KonsultasiActivity : Activity() {
   lateinit var binding: ActivityKonsultasiBinding
   lateinit var kontrolNavigationDrawer:
KontrolNavigationDrawer
   lateinit var usersArrayList: ArrayList<UsersModel>
   lateinit var konsultasiUserAdapter:
ListKonsultasiUserAdapter
   lateinit var sharedPref: SharedPreferencesLogin
   lateinit var database : DatabaseReference
   val TAG = "KonsultasiActivity";
   override fun onCreate(savedInstanceState: Bundle?)
{
      super.onCreate(savedInstanceState)
      binding =
ActivityKonsultasiBinding.inflate(layoutInflater)
      val view = binding.root

requestWindowFeature(Window.FEATURE_NO_TITL
E)

window.setFlags(WindowManager.LayoutParams.FLA
G_FULLSCREEN,WindowManager.LayoutParams.FL
AG_FULLSCREEN)
      setContentView(view)

      kontrolNavigationDrawer =
KontrolNavigationDrawer(this@KonsultasiActivity)

      database =
FirebaseService().firebase().child("users")
      usersArrayList = ArrayList()

      sharedPref =
SharedPreferencesLogin(this@KonsultasiActivity)
//       if(sharedPref.getSebagai()=="user"){
//          database =
FirebaseDatabase.getInstance().getReference("Konselor
")
//       }
//       else if(sharedPref.getSebagai()=="Konselor"){
//          database =
FirebaseDatabase.getInstance().getReference("users")
//       }

      database.addValueEventListener(object:
ValueEventListener{
         @SuppressLint("NotifyDataSetChanged")
         override fun onDataChange(snapshot:
DataSnapshot) {
            usersArrayList = ArrayList()
            for(value in snapshot.children){
               val id = value.child("id").value.toString()
               val nama =
value.child("nama").value.toString()
               val umur =
value.child("umur").value.toString()
               val username =
value.child("username").value.toString()
               val password =
value.child("password").value.toString()
               val sebagai =
value.child("sebagai").value.toString()
               val token =
value.child("token").value.toString()

               if(sebagai.trim() != sharedPref.getSebagai()
&& sebagai.trim()!="admin"){
                  usersArrayList.add(UsersModel(id,
nama, umur.toInt(), username, password, sebagai,
token))
               }
            }
            konsultasiUserAdapter =
ListKonsultasiUserAdapter(this@KonsultasiActivity,
usersArrayList)
            binding.rvListKonsultasiUser.layoutManager
= LinearLayoutManager(this@KonsultasiActivity)
            binding.rvListKonsultasiUser.adapter =
konsultasiUserAdapter

konsultasiUserAdapter.notifyDataSetChanged()
         }

         override fun onCancelled(error: DatabaseError)
{
            Toast.makeText(this@KonsultasiActivity,
"Gagal Memuat Database",
Toast.LENGTH_SHORT).show()
         }

      })
      Log.d(TAG, "onDataChange:
${usersArrayList.size}")

      binding.apply {
         kontrolNavigationDrawer.cekSebagai(navView)

kontrolNavigationDrawer.onClickItemNavigationDraw
er(navView, drawerLayoutMain, ivDrawerView,
this@KonsultasiActivity)

      }
   }

   override fun onBackPressed() {
      super.onBackPressed()

      startActivity(Intent(this@KonsultasiActivity,
MainActivity::class.java))
      finish()

   }
}
```

LoginActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity

import android.app.Activity
import android.content.Intent
import android.os.Bundle
import android.os.Handler
import android.util.Log
import android.view.Window
import android.view.WindowManager
import android.widget.Toast
```

```
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.model.UsersModel
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityLoginBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin.AdminSemuaUserActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user.MainActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener
import
com.google.firebase.messaging.FirebaseMessaging

class LoginActivity : Activity() {
    lateinit var binding: ActivityLoginBinding
    lateinit var loading: LoadingAlertDialog
    lateinit var sharedPref : SharedPreferencesLogin
    lateinit var database : DatabaseReference
    lateinit var usersArrayList: ArrayList<UsersModel>
    val TAG = "LoginActivity"
    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityLoginBinding.inflate(layoutInflater)
        val view = binding.root

requestWindowFeature(Window.FEATURE_NO_TITL
E)
        window.setFlags(

WindowManager.LayoutParams.FLAG_FULLSCREE
N,

WindowManager.LayoutParams.FLAG_FULLSCREE
N
        )
        setContentView(view)

        sharedPref =
SharedPreferencesLogin(this@LoginActivity)
        loading =
LoadingAlertDialog(this@LoginActivity)

        binding.apply {
            btnLogin.setOnClickListener {
                if(etUsername.text.isNotEmpty() &&
etPassword.text.isNotEmpty()){
                    loading.alertDialogLoading()
                    login(etUsername.text.toString().trim(),
etPassword.text.toString().trim())
                }
                else if(etUsername.text.isEmpty()){
                    etUsername.error = "Tidak Boleh Kosong
!"
                }
                else if(etPassword.text.isEmpty()){
                    etPassword.error = "Tidak Boleh Kosong !"
                }
            }

            tvDaftar.setOnClickListener {
                startActivity(Intent(this@LoginActivity,
RegistrasiActivity::class.java))
//                finish()
            }
        }
    }

    fun login(valueUsername: String, valuePassword:
String){
        database =
FirebaseService().firebase().child("users")

        var id: String?
        var nama: String?
        var umur: String?
        var username: String?
        var password: String?
        var sebagai: String?
        var token: String?
        var cekSebagai: String? = null

        database.addListenerForSingleValueEvent(object:
ValueEventListener {
            override fun onDataChange(snapshot:
DataSnapshot) {
                usersArrayList = ArrayList()
                var cekLogin = false
                for(value in snapshot.children){
                    id = value.child("id").value.toString()
                    nama =
value.child("nama").value.toString()
                    umur =
value.child("umur").value.toString()
                    username =
value.child("username").value.toString()
                    password =
value.child("password").value.toString()
                    sebagai =
value.child("sebagai").value.toString()
                    token =
value.child("token").value.toString()

                    Log.d(TAG, "onDataChangeCoba: $id")
                    Log.d(TAG, "onDataChangeCoba:
$nama")
                    Log.d(TAG, "onDataChangeCoba: $umur")
                    Log.d(TAG, "onDataChangeCoba:
$username")
                    Log.d(TAG, "onDataChangeCoba:
$password")
                    Log.d(TAG, "onDataChangeCoba:
$sebagai")
                    Log.d(TAG, "onDataChangeCoba:
$token")

//                    val currentUsers =
value.getValue(UsersModel::class.java)
```

```
                if(username!!.trim() ==
valueUsername.trim() && password!!.trim() ==
valuePassword.trim()){
                    cekSebagai = sebagai!!
                    sharedPref.setLogin(
                        id!!,
                        nama!!,
                        umur!!.toInt(),
                        username!!,
                        password!!,
                        sebagai!!,
                        token!!
                    )
                    cekLogin = true


FirebaseMessaging.getInstance().token.apply {
                        addOnSuccessListener { p0 ->
                            Log.d("messagingToken",
"onSuccess: $p0")
                            var valueToken = p0
                            if(token!=p0){

database.child(id!!).child("id").setValue(id)

database.child(id!!).child("nama").setValue(nama)

database.child(id!!).child("umur").setValue(umur)

database.child(id!!).child("username").setValue(userna
me)

database.child(id!!).child("password").setValue(passwo
rd)

database.child(id!!).child("sebagai").setValue(sebagai)

database.child(id!!).child("token").setValue(valueToken
)
                            }
                        }
                        addOnCanceledListener {

Toast.makeText(this@LoginActivity, "Gagal
Mendapatkan Token",
Toast.LENGTH_SHORT).show()
                        }
                    }


                }
            }
            if(cekLogin){
                Toast.makeText(this@LoginActivity,
"$cekSebagai", Toast.LENGTH_SHORT).show()
                if(cekSebagai == "admin"){
                    Toast.makeText(this@LoginActivity,
"Berhasil Login", Toast.LENGTH_LONG).show()
                    startActivity(Intent(this@LoginActivity,
AdminSemuaUserActivity::class.java))
                    loading.alertDialogCancel()
                } else{
                    Toast.makeText(this@LoginActivity,
"Berhasil Login", Toast.LENGTH_LONG).show()
                    startActivity(Intent(this@LoginActivity,
MainActivity::class.java))
                    loading.alertDialogCancel()
                }
            }
            else{
                Toast.makeText(this@LoginActivity,
"Username dan Password tidak ditemukan",
Toast.LENGTH_LONG).show()
                loading.alertDialogCancel()
            }

//              if(snapshot.child(username).exists()){
//
if(snapshot.child(username).child("password").getValue
(String::class.java).equals(password)){
//                  val id =
snapshot.child(username).child("id").getValue(String::c
lass.java)!!
//                  val nama =
snapshot.child(username).child("nama").getValue(Strin
g::class.java)!!
//                  val umur =
(snapshot.child(username).child("umur").getValue(Int::
class.java))!!.toInt()
//                  val sebagai =
snapshot.child(username).child("sebagai").getValue(Str
ing::class.java)!!
//                  sharedPref.setLogin(id, nama, umur,
username, password, sebagai)
//                  loading.alertDialogCancel()
//                  Toast.makeText(this@LoginActivity,
"Berhasil Login", Toast.LENGTH_SHORT).show()
//                  if(sebagai == "user"){
//
startActivity(Intent(this@LoginActivity,
MainActivity::class.java))
//                      finish()
//                  }
//                  else if(sebagai == "Konselor"){
//
startActivity(Intent(this@LoginActivity,
MainActivity::class.java))
//                      finish()
//                  }
//                  else if(sebagai == "admin"){
//
startActivity(Intent(this@LoginActivity,
MainActivity::class.java))
//                      finish()
//                  }
//              }
//              else{
//                  Toast.makeText(this@LoginActivity,
"Gagal Login", Toast.LENGTH_SHORT).show()
//                  loading.alertDialogCancel()
//              }
//          }
//          else{
//              Toast.makeText(this@LoginActivity,
"Gagal Login", Toast.LENGTH_SHORT).show()
//              loading.alertDialogCancel()
//          }
        }
        override fun onCancelled(error: DatabaseError)
{
            Toast.makeText(this@LoginActivity,
"Database Error "+error.message,
Toast.LENGTH_SHORT).show()
            loading.alertDialogCancel()
        }

    })
  }
```

```
    var tapDuaKali = false
    override fun onBackPressed() {
        if (tapDuaKali){
            super.onBackPressed()
        }
        tapDuaKali = true
        Toast.makeText(this@LoginActivity, "Tekan
Sekali Lagi untuk keluar",
Toast.LENGTH_SHORT).show()

        Handler().postDelayed({
            tapDuaKali = false
        }, 2000)

    }
}
```

RegistrasiActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity

import android.app.Activity
import android.content.Intent
import android.os.Bundle
import android.util.Log
import android.view.Window
import android.view.WindowManager
import android.widget.Toast
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityRegistrasiBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import com.google.firebase.database.FirebaseDatabase
import
com.google.firebase.database.ValueEventListener
import
com.google.firebase.messaging.FirebaseMessaging
import java.text.SimpleDateFormat
import java.util.Calendar


class RegistrasiActivity : Activity() {
    lateinit var binding: ActivityRegistrasiBinding
    lateinit var loading: LoadingAlertDialog
    lateinit var database : DatabaseReference
    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        binding =
ActivityRegistrasiBinding.inflate(layoutInflater)
        val view = binding.root

requestWindowFeature(Window.FEATURE_NO_TITL
E)
        window.setFlags(

WindowManager.LayoutParams.FLAG_FULLSCREE
N,

WindowManager.LayoutParams.FLAG_FULLSCREE
N
        )
        setContentView(view)

        database =
FirebaseService().firebase().child("users")

        loading =
LoadingAlertDialog(this@RegistrasiActivity)
        binding.apply {
            btnRegistrasi.setOnClickListener {
                loading.alertDialogLoading()
                if(etUmur.text.isNotEmpty() &&
etUsername.text.isNotEmpty() &&
etPassword.text.isNotEmpty()){
//
postRegistrasi(etUmur.text.toString().trim().toInt(),
etUsername.text.toString(), etPassword.text.toString())
                val str = "1234567890"
                var nama = "user"
                val strId =
"abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNO
PQRSTUVWXYZ1234567890"
                var id = "user"
                for(i in 0..7){
                    nama+=str.random()
                    id+=strId.random()
                }
                id+="-
${tanggalSekarang()}${waktuSekarang()}"
                val username = etUsername.text.toString()
                val umur = etUmur.text.toString()
                val password = etPassword.text.toString()
                val sebagai = "user"
                var token = ""

FirebaseMessaging.getInstance().token.apply {
                    addOnSuccessListener { p0 ->
                        token = p0
                        Log.d("messagingToken",
"onSuccess: $p0")

                    }
                    addOnCanceledListener {

Toast.makeText(this@RegistrasiActivity, "Gagal
Mendapatkan Token",
Toast.LENGTH_SHORT).show()
                    }
                }

//
database.addListenerForSingleValueEvent(object:
ValueEventListener {
//                    override fun onDataChange(snapshot:
DataSnapshot) {
//                        if(snapshot.child(id).exists()){
//
Toast.makeText(this@RegistrasiActivity, "Username
Sudah Ada", Toast.LENGTH_SHORT).show()
//                        }
//                        else{
//                            loading.alertDialogCancel()
//
database.child(id).child("id").setValue(id)
//
database.child(id).child("nama").setValue(nama)
```

```
//
database.child(id).child("umur").setValue(umur)
//
database.child(id).child("username").setValue(usernam
e)
//
database.child(id).child("password").setValue(password
)
//
database.child(id).child("sebagai").setValue(sebagai)
//
Toast.makeText(this@RegistrasiActivity, "Berhasil
Membuat Akun", Toast.LENGTH_SHORT).show()
//                    }
//                }
//
//                override fun onCancelled(error:
DatabaseError) {
//
Toast.makeText(this@RegistrasiActivity, "Database
Error "+error.message,
Toast.LENGTH_SHORT).show()
//                }
//            })


database.addListenerForSingleValueEvent(object:
ValueEventListener{
                override fun onDataChange(snapshot:
DataSnapshot) {
                    var cekUsernameTerdaftar = false
                    for(value in snapshot.children){
                        val valueUsername =
value.child("username").value.toString()

                        if(valueUsername.toLowerCase()
== username.toLowerCase()){
                            cekUsernameTerdaftar=true
                        }
                    }

                    if(cekUsernameTerdaftar){

Toast.makeText(this@RegistrasiActivity, "Gagal
Membuat Akun \nUsername sudah dimiliki orang lain",
Toast.LENGTH_LONG).show()
                        loading.alertDialogCancel()
                    }
                    else{

database.child(id).child("id").setValue(id)

database.child(id).child("nama").setValue(nama)

database.child(id).child("umur").setValue(umur)

database.child(id).child("username").setValue(usernam
e)

database.child(id).child("password").setValue(password
)

database.child(id).child("sebagai").setValue(sebagai)

database.child(id).child("token").setValue(token)


Toast.makeText(this@RegistrasiActivity, "Berhasil
Membuat Akun", Toast.LENGTH_SHORT).show()
                        loading.alertDialogCancel()
                    }
                }

                override fun onCancelled(error:
DatabaseError) {

Toast.makeText(this@RegistrasiActivity, "Gagal Upate
Data", Toast.LENGTH_SHORT).show()
                        loading.alertDialogCancel()
                    }

                })
            }
            else if(etUmur.text.isEmpty()){
                etUmur.error = "Tidak Boleh Kosong"
            }
            else if(etUsername.text.isEmpty()){
                etUsername.error = "Tidak Boleh Kosong"
            }
            else if(etPassword.text.isEmpty()){
                etPassword.error = "Tidak Boleh Kosong"
            }
        }

        tvLogin.setOnClickListener {
//            startActivity(Intent(this@RegistrasiActivity,
LoginActivity::class.java))
            finish()
        }
    }
}

fun tanggalSekarang():String{
    val calendar: Calendar = Calendar.getInstance()
    val simpleDateFormat =
SimpleDateFormat("yyyyMMdd")
    val dateTime =
simpleDateFormat.format(calendar.time)

    return dateTime
}

fun waktuSekarang():String{
    val calendar: Calendar = Calendar.getInstance()
    val simpleDateFormat =
SimpleDateFormat("HHmmss")
    val time =
simpleDateFormat.format(calendar.time)

    return time
}

override fun onBackPressed() {
    super.onBackPressed()
//    startActivity(Intent(this@RegistrasiActivity,
LoginActivity::class.java))
    finish()
}
}

SplashScreen.kt
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity

import android.app.Activity
import android.content.Intent
import android.os.Bundle
```

```
import android.os.Handler
import android.os.Looper
import android.util.Log
import android.view.WindowManager
import android.widget.Toast
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.data.database.firebase.FirebaseService
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin.AdminMainActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin.AdminSemuaUserActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user.MainActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin
import com.google.firebase.database.DataSnapshot
import com.google.firebase.database.DatabaseError
import
com.google.firebase.database.DatabaseReference
import
com.google.firebase.database.ValueEventListener
import
com.google.firebase.messaging.FirebaseMessaging

class SplashScreen : Activity() {
    override fun onCreate(savedInstanceState: Bundle?)
{
        super.onCreate(savedInstanceState)
        window.setFlags(

WindowManager.LayoutParams.FLAG_FULLSCREE
N,

WindowManager.LayoutParams.FLAG_FULLSCREE
N
        )
        setContentView(R.layout.activity_splash_screen)

        val sharedPref =
SharedPreferencesLogin(this@SplashScreen)
        var database: DatabaseReference
        database =
FirebaseService().firebase().child("users")

        var cekToken = ""
        var cekLogin = false

        FirebaseMessaging.getInstance().token.apply {
            addOnSuccessListener { p0 ->
                Log.d("messagingToken", "onSuccess: $p0")

                var valueId = sharedPref.getId()


database.child(valueId).addListenerForSingleValueEve
nt(object: ValueEventListener{
                    override fun onDataChange(snapshot:
DataSnapshot) {
                        if(snapshot.child("id").value != null){
                            val id =
snapshot.child("id").value.toString()
                            val nama =
snapshot.child("nama").value.toString()
                            val umur =
snapshot.child("umur").value.toString()
                            val username =
snapshot.child("username").value.toString()
                            val password =
snapshot.child("password").value.toString()
                            val sebagai =
snapshot.child("sebagai").value.toString()
                            val token =
snapshot.child("token").value.toString()


database.child(valueId).child("id").setValue(id)

database.child(valueId).child("nama").setValue(nama)

database.child(valueId).child("umur").setValue(umur)

database.child(valueId).child("username").setValue(use
rname)

database.child(valueId).child("password").setValue(pas
sword)

database.child(valueId).child("sebagai").setValue(sebag
ai)

database.child(valueId).child("token").setValue(p0)

                            sharedPref.setLogin(
                                id, nama, umur.trim().toInt(),
                                username, password, sebagai, token
                            )

                            cekLogin = true
                        }
                    }

                    override fun onCancelled(error:
DatabaseError) {
                        cekLogin = false
                    }
                })
            }
            addOnCanceledListener {
//                Toast.makeText(this@SplashScreen, "Gagal
Mendapatkan Token",
Toast.LENGTH_SHORT).show()
                cekLogin = false
            }
        }

        Handler(Looper.getMainLooper()).postDelayed({
            if(cekLogin){
                if(sharedPref.getSebagai().isNotEmpty()){
                    if(sharedPref.getSebagai() == "user"){
                        startActivity(Intent(this@SplashScreen,
MainActivity::class.java))
                        finish()
                    }
                    else if(sharedPref.getSebagai() ==
"Konselor"){
                        startActivity(Intent(this@SplashScreen,
MainActivity::class.java))
                        finish()
                    }
```

```
                else if(sharedPref.getSebagai() ==
"admin"){
                    startActivity(Intent(this@SplashScreen,
AdminMainActivity::class.java))
                    finish()
                }

//                  if(cekToken != sharedPref.getToken()){
//                    database =
FirebaseService().firebase().child("users")
//
//
database.child(sharedPref.getId()).child("id").setValue(s
haredPref.getId())
//
database.child(sharedPref.getId()).child("nama").setVal
ue(sharedPref.getNama())
//
database.child(sharedPref.getId()).child("umur").setVal
ue(sharedPref.getUmur())
//
database.child(sharedPref.getId()).child("username").set
Value(sharedPref.getUsername())
//
database.child(sharedPref.getId()).child("password").set
Value(sharedPref.getPassword())
//
database.child(sharedPref.getId()).child("sebagai").setV
alue(sharedPref.getSebagai())
//
database.child(sharedPref.getId()).child("token").setVal
ue(cekToken)
//
//                    sharedPref.setLogin(sharedPref.getId(),
sharedPref.getNama(), sharedPref.getUmur(),
//                        sharedPref.getUsername(),
sharedPref.getPassword(), sharedPref.getSebagai(),
cekToken)
//                }
            }
            else{
                sharedPref.setLogin("", "", 0, "", "", "", "")
                startActivity(Intent(this@SplashScreen,
LoginActivity::class.java))
                finish()
            }
        }
        else{
            sharedPref.setLogin("", "", 0, "", "", "", "")
            startActivity(Intent(this@SplashScreen,
LoginActivity::class.java))
            finish()
        }

    }, 5000) // 5 detik
  }
}
```

TentangAplikasiActivity.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity

import android.app.Activity
import android.content.Intent
import android.os.Bundle
import android.view.Window
import android.view.WindowManager
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.databinding.ActivityTentangAplikasiBinding
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user.MainActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.KontrolNavigationDrawer
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.LoadingAlertDialog
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils.SharedPreferencesLogin

class TentangAplikasiActivity : Activity() {
  private lateinit var binding:
ActivityTentangAplikasiBinding
  private lateinit var sharedPref:
SharedPreferencesLogin
  private lateinit var loading: LoadingAlertDialog
  private lateinit var kontrolNavigationDrawer:
KontrolNavigationDrawer
  override fun onCreate(savedInstanceState: Bundle?)
{
    super.onCreate(savedInstanceState)
    binding =
ActivityTentangAplikasiBinding.inflate(layoutInflater)

requestWindowFeature(Window.FEATURE_NO_TITL
E)

window.setFlags(WindowManager.LayoutParams.FLA
G_FULLSCREEN,
WindowManager.LayoutParams.FLAG_FULLSCREE
N)
    setContentView(binding.root)

    sharedPref =
SharedPreferencesLogin(this@TentangAplikasiActivity
)
    loading =
LoadingAlertDialog(this@TentangAplikasiActivity)
    kontrolNavigationDrawer =
KontrolNavigationDrawer(this@TentangAplikasiActivi
ty)

    binding.apply {
      kontrolNavigationDrawer.cekSebagai(navView)

kontrolNavigationDrawer.onClickItemNavigationDraw
er(navView, drawerLayoutMain, ivDrawerView,
this@TentangAplikasiActivity)

    }
  }

  override fun onBackPressed() {
    super.onBackPressed()

    startActivity(Intent(this@TentangAplikasiActivity,
MainActivity::class.java))
    finish()

  }
}
```

CekKoneksi.java

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils;

import android.content.Context;
import android.net.ConnectivityManager;
import android.net.NetworkInfo;
import android.util.Log;

public class CekKoneksi {
    public static boolean isInternetAvailable(Context
context) {
        String TAG = context.getPackageName();
        NetworkInfo info = (NetworkInfo)
((ConnectivityManager)

context.getSystemService(Context.CONNECTIVITY_
SERVICE)).getActiveNetworkInfo();

        if (info == null)
        {
            Log.d(TAG,"no internet connection");
            return false;
        }
        else
        {
            if(info.isConnected())
            {
                Log.d(TAG," internet connection
available...");
                return true;
            }
            else
            {
                Log.d(TAG," internet connection");
                return true;
            }

        }
    }
}
```

KontrolNavigationDrawer.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils

import android.app.Activity
import android.app.AlertDialog
import android.content.Context
import android.content.Intent
import android.view.View
import android.widget.Button
import android.widget.ImageView
import androidx.core.view.GravityCompat
import androidx.drawerlayout.widget.DrawerLayout
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.*
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin.AdminMainActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin.AdminSemuaKonselorActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin.AdminSemuaUserActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.admin.AdminSemuaUserDetailActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user.MainActivity
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.ui.activity.user.UpdateAkunActivity

class KontrolNavigationDrawer(var context: Context) {
    var sharedPreferences =
SharedPreferencesLogin(context)
    fun cekSebagai(navigation:
com.google.android.material.navigation.NavigationVie
w){
        if(sharedPreferences.getSebagai() == "user"){
            navigation.menu.clear()

navigation.inflateMenu(R.menu.nav_menu_user)
        }
        else if(sharedPreferences.getSebagai() ==
"Konselor"){
            navigation.menu.clear()

navigation.inflateMenu(R.menu.nav_menu_Konselor)
        }
        else if(sharedPreferences.getSebagai() ==
"admin"){
            navigation.menu.clear()

navigation.inflateMenu(R.menu.nav_menu_admin)
        }
    }
    fun onClickItemNavigationDrawer(navigation:
com.google.android.material.navigation.NavigationVie
w, navigationLayout: DrawerLayout,
igNavigation:ImageView, activity: Activity){
        navigation.setNavigationItemSelectedListener {
            if(sharedPreferences.getSebagai() == "user"){
                when(it.itemId){
                    R.id.userNavDrawerHome ->{
                        val intent = Intent(context,
MainActivity::class.java)
                        context.startActivity(intent)
                        activity.finish()
                    }
                    R.id.userNavDrawerInformasi ->{
                        val intent = Intent(context,
InformasiHivAidsActivity::class.java)
                        context.startActivity(intent)
                        activity.finish()
                    }
                    R.id.userNavDrawerKonsultasi ->{
                        val intent = Intent(context,
KonsultasiActivity::class.java)
                        context.startActivity(intent)
                        activity.finish()
                    }
                    R.id.userNavDrawerTentangAplikasi ->{
                        val intent = Intent(context,
TentangAplikasiActivity::class.java)
                        context.startActivity(intent)
                        activity.finish()
                    }
                    R.id.userNavDrawerAkun ->{
```

```
                val intent = Intent(context,
UpdateAkunActivity::class.java)
                context.startActivity(intent)
                activity.finish()
            }
            R.id.userBtnKeluar ->{
                logout(activity)
            }
        }
    }
    else if(sharedPreferences.getSebagai() ==
"Konselor"){
        when(it.itemId){
            R.id.KonselorNavDrawerHome ->{
                val intent = Intent(context,
MainActivity::class.java)
                context.startActivity(intent)
                activity.finish()
            }
            R.id.KonselorNavDrawerInformasi ->{
                val intent = Intent(context,
InformasiHivAidsActivity::class.java)
                context.startActivity(intent)
                activity.finish()
            }
            R.id.KonselorNavDrawerKonsultasiUser -
>{
                val intent = Intent(context,
KonsultasiActivity::class.java)
                context.startActivity(intent)
                activity.finish()
            }
            R.id.KonselorNavDrawerTentangAplikasi -
>{
                val intent = Intent(context,
TentangAplikasiActivity::class.java)
                context.startActivity(intent)
                activity.finish()
            }
            R.id.KonselorNavDrawerAkun ->{
                val intent = Intent(context,
UpdateAkunActivity::class.java)
                context.startActivity(intent)
                activity.finish()
            }
            R.id.btnKonselorKeluar ->{
                logout(activity)
            }
        }
    }
    else if(sharedPreferences.getSebagai() ==
"admin"){
        when(it.itemId){
            R.id.adminNavDrawerHome ->{
                val intent = Intent(context,
AdminMainActivity::class.java)
                context.startActivity(intent)
                activity.finish()
            }
            R.id.adminNavDrawerKonselor ->{
                val intent = Intent(context,
AdminSemuaKonselorActivity::class.java)
                context.startActivity(intent)
                activity.finish()
            }
            R.id.adminNavDrawerUser ->{
                val intent = Intent(Intent(context,
AdminSemuaUserActivity::class.java))
                context.startActivity(intent)
                activity.finish()
            }
//          R.id.adminNavDrawerSettings ->{
//              val intent = Intent(context,
MainActivity::class.java)
//              context.startActivity(intent)
//              activity.finish()
//          }
            R.id.btnAdminKeluar ->{
                logout(activity)
            }
        }
    }

navigationLayout.closeDrawer(GravityCompat.START
)
    true
}
// garis 3 navigasi
igNavigation.setOnClickListener {

navigationLayout.openDrawer(GravityCompat.START)
}
}

fun logout(activity: Activity){
    val viewAlertDialog = View.inflate(context,
R.layout.alert_dialog_logout, null)
    val btnLogout =
viewAlertDialog.findViewById<Button>(R.id.btnLogo
ut)
    val btnBatalLogout =
viewAlertDialog.findViewById<Button>(R.id.btnBatal
Logout)

    val alertDialog = AlertDialog.Builder(context)
    alertDialog.setView(viewAlertDialog)
    val dialog = alertDialog.create()
    dialog.show()
    btnLogout.setOnClickListener {
//      sharedPreferences.setLogin(0, 0, "", "", "")
        sharedPreferences.setLogin( "","", 0, "", "", "",
"")
        context.startActivity(Intent(context,
LoginActivity::class.java))
        activity.finish()
    }
    btnBatalLogout.setOnClickListener {
        dialog.dismiss()
    }
}
}
```

LoadingAlertDialog.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils

import android.content.Context
import android.view.View
import androidx.appcompat.app.AlertDialog
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R

class LoadingAlertDialog(context: Context) {
    lateinit var dialog: AlertDialog
    val valueContext = context
```

```
    fun alertDialogLoading(){
        val view = View.inflate(valueContext,
R.layout.alert_dialog_loading, null)
        val alertDialogBuilder =
AlertDialog.Builder(valueContext)
        alertDialogBuilder.setView(view)

        dialog = alertDialogBuilder.create()
        dialog.setCancelable(false)
        dialog.show()
    }

    fun alertDialogCancel(){
        dialog.dismiss()
    }
}
```

SharedPreferencesLogin.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils

import android.content.Context

class SharedPreferencesLogin(val context: Context) {
    val keyId = "keyId"
    val keyNama = "keyNama"
    val keyUmur = "keyUmur"
    val keyUsername = "keyUsername"
    val keyPassword = "keyPassword"
    val keySebagai = "keySebagai"
    val keyToken = "keyToken"

    var sharedPref =
context.getSharedPreferences("shared_login",
Context.MODE_PRIVATE)
    var editPref = sharedPref.edit()

//    fun setLogin(id:Int, umur:Int, username:String,
password:String, sebagai:String){
//        editPref.apply{
//            putInt(keyId, id)
//            putInt(keyUmur, umur)
//            putString(keyUsername, username)
//            putString(keyPassword, password)
//            putString(keySebagai, sebagai)
//            apply()
//        }
//    }

    fun setLogin(id:String, nama: String, umur:Int,
username:String, password:String, sebagai:String,
token:String){
        editPref.apply{
            putString(keyId, id)
            putString(keyNama, nama)
            putInt(keyUmur, umur)
            putString(keyUsername, username)
            putString(keyPassword, password)
            putString(keySebagai, sebagai)
            putString(keyToken, token)
            apply()
        }
    }

    fun getId(): String{
        val id = sharedPref.getString(keyId, "").toString()
        return id
    }

    fun getNama(): String{
        val nama = sharedPref.getString(keyNama,
"").toString()
        return nama
    }
    fun getUmur(): Int{
        val umur = sharedPref.getInt(keyUmur, 0)
        return umur
    }
    fun getUsername():String{
        val username =
sharedPref.getString(keyUsername, "").toString()
        return username
    }
    fun getPassword(): String{
        val password = sharedPref.getString(keyPassword,
"").toString()
        return password
    }

    fun getSebagai(): String{
        val sebagai = sharedPref.getString(keySebagai,
"").toString()
        return sebagai
    }

    fun getToken(): String{
        val token = sharedPref.getString(keyToken,
"").toString()
        return token
    }
}
```

ShowNotification.kt

```
package
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.utils

import android.app.NotificationChannel
import android.app.NotificationManager
import android.content.Context
import android.os.Build
import androidx.core.app.NotificationCompat
import
com.example.rusly_aplikasipengetahuandasarhivdanaid
s.R
import java.util.Random

class ShowNotification {
    fun shotNotification(context: Context, title: String,
body:String){
        val builder: NotificationCompat.Builder =
NotificationCompat.Builder(context, "Pengetahuan
Dasar HIV AIDS")

        builder.apply {
            setSmallIcon(R.drawable.logo_nurse)
            setContentTitle(title)
            setContentText(body)

setPriority(NotificationCompat.PRIORITY_MAX)
        }

        // Style
        val bigTextStyle:
NotificationCompat.BigTextStyle =
NotificationCompat.BigTextStyle()
        bigTextStyle.bigText(title)
        bigTextStyle.setBigContentTitle(title)
```

```
        bigTextStyle.setSummaryText(title)

        builder.setStyle(bigTextStyle)

        val manager :NotificationManager =
context.getSystemService(Context.NOTIFICATION_S
ERVICE) as NotificationManager

        if (Build.VERSION.SDK_INT >=
Build.VERSION_CODES.O) {
            var channelId = "Pengetahuan Dasar HIV AIDS
2"
            var channel =  NotificationChannel(channelId,
"Pengetahuan Dasar HIV AIDS 3",
NotificationManager.IMPORTANCE_HIGH)
            manager.createNotificationChannel(channel)
            builder.setChannelId(channelId)
        }

        manager.notify(Random().nextInt(),
builder.build())
    }
}
```

KARTU MONITORING BIMBINGAN

MAHASISWA PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS TEKNIK
UNIVERSITAS MUHAMMADIYAH PAREPARE

PROPOSAL

hasiswa : Muh Rusli	Pembimbing I : Ade Hastuty, ST.,S.Kom.,MT
M : 218280045	Pembimbing II : Ir. Untung Suwardoyo, S.Kom.,MT.,IPP
ul Skripsi : APLIKASI PENGETAHUAN DASAR HIV DAN AIDS BERBASIS ANDROID	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
sultasi 1 ari referensi tentang hiv & aids review 3 artikel terkait judul	14/06/23	Konsultasi 1 1. Perbaiki latar belakang. 2. Batasan masalah 3. Penyajian 4. Daftar pustaka	
sultasi 2 fokus penelitian pengetahuan dasar tentang hiv dan Aids.	25/06/23	Konsultasi 2 Acc Proposal	
sultasi 3 sumber literasi ditambah 2	03/07/23	Konsultasi 3 1. ~~cari referensi tentang~~	
sultasi 4		Konsultasi 4	
sultasi 5		Konsultasi 5	

Lanjut ke halaman sebelah...

hatian :

Mahasiswa wajib konsultasi minimal 5 kali
Kartu ini wajib dibawa oleh mahasiswa disetiap konsultasi dan diisi oleh Pembimbing
Kartu ini wajib dilampirkan pada laporan skripsi dan menjadi salah satu persyaratan untuk ikut seminar proposal/ujian skripsi
Kartu ini dicetak di atas kertas karton berwarna hijau muda dan dicetak timbal balik

KARTU MONITORING BIMBINGAN

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SKRIPSI

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: 218280045	**Pembimbing II :** Ir.Untung Suwardoyo, S.KOM.,MT.,IPP.
dul Skripsi : APLIKASI PENGETAHUAN DASAR HIV DAN AIDS BERBASIS ANDROID	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
sultasi 1 Tambahkan waktu konsultasi konsultasi pakar pesan moral di beranda		Konsultasi 1 1. update data oleh admin 2 Fitur kirim gambar/kamera 3. Rapikan margin/ratakan kanan.	
sultasi 2 Laporan skripsi menyesuaikan Aplikasi		Konsultasi 2 Publish aplikasi	
sultasi 3 ~~Pendahuluan~~ ~~Bab I-Bab V~~ Abstrak kesimpulan Teori Algoritma Teori White box		Konsultasi 3 Bawa Dokument	
sultasi 4 ACC Hasil		Konsultasi 4 Publish Dokument.	
sultasi 5 ACC ujian skripsi		Konsultasi 5 Acc ke Pem 1	

Lanjut ke halaman sebelah...

atian :

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