

LAMPIRAN

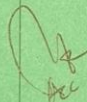
1. Kartu Monitoring Proposal



KARTU MONITORING BIMBINGAN
 MAHASISWA PROGRAM STUDI TEKNIK INFORMATIKA
 FAKULTAS TEKNIK
 UNIVERSITAS MUHAMMADIYAH PAREPARE

PROPOSAL

Mahasiswa : Ilham Rifaldi	Pembimbing I : Muhammad Barri, ST., MT.
NIM : 220280128	Pembimbing II : Mugaffir Yumurti, ST., MT.
Judul Skripsi : APLIKASI PEMANFAATAN TANAMAN HERBAL TRADISIONAL SEBAGAI OBAT ALTERNATIF BERBASIS ANDROID	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1		Konsultasi 1 Kamis 7 Jan 2024 Tempat dan waktu penelitian (tabel).	
Konsultasi 2		Konsultasi 2 Sabtu 11 Januari 2024 Perancangan sistem yang berjalan.	
Konsultasi 3		Konsultasi 3 Selasa 16 Januari 2024 Penyusutan pada penelitian sebelumnya.	
Konsultasi 4		Konsultasi 4 Rabu 17 Januari 2024. Aca	
Konsultasi 5		Konsultasi 5	

Lanjut ke halaman sebelah...

Perhatian :

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

2. Kartu Monitoring Hasil



KARTU MONITORING BIMBINGAN
 MAHASISWA PROGRAM STUDI TEKNIK INFORMATIKA
 FAKULTAS TEKNIK
 UNIVERSITAS MUHAMMADIYAH PAREPARE

HASIL

Mahasiswa : ILHAM RIFALDI	Pembimbing I : Muhammad Basri, ST., MT.
NIM : 220280128	Pembimbing II : Mugaffir Yunus, ST.MT.
Judul Skripsi : APLIKASI PENGOBATAN HERBAL BERBASIS ANDROID	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1 Masukan Data data Data baru.		Konsultasi 1 Dorain Aplikasi	Rif
Konsultasi 2 Masukan data ke dalam program		Konsultasi 2 Dorain Aplikasi	Rif
Konsultasi 3		Konsultasi 3 Tambahkan gambar Arahan.	Rif
Konsultasi 4		Konsultasi 4 Acc	Rif
Konsultasi 5		Konsultasi 5	

Lanjut ke halaman sebelah...

Perhatian :

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

3. Kartu Monitoring Skripsi



KARTU MONITORING BIMBINGAN
 MAHASISWA PROGRAM STUDI TEKNIK INFORMATIKA
 FAKULTAS TEKNIK
 UNIVERSITAS MUHAMMADIYAH PAREPARE

SKRIPSI

Mahasiswa : Ilham Rifaldi	Pembimbing I : Muh. Basri, ST., MT
NIM : 220280128	Pembimbing II : Mughaffir Yunus, ST., MT
Judul Skripsi : APLIKASI PENGOBATAN HERBAL BERBASIS ANDROID	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1 <i>anti korup Acc hup</i>	<i>[Signature]</i>	Konsultasi 1 <i>- Perbaiki Masalah dari penguji</i>	<i>[Signature]</i>
Konsultasi 2		Konsultasi 2 <i>Acc Ujian Tutup</i>	<i>[Signature]</i>
Konsultasi 3		Konsultasi 3	
Konsultasi 4		Konsultasi 4	
Konsultasi 5		Konsultasi 5	

Lanjut ke halaman sebelah...

Lanjutan ...

Perhatian :

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

4. Script activity halaman utama.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/
    apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar"
        android:layout_width="match_parent"
        android:layout_height="?attr/
        actionBarSize"
        android:background="@drawable/green_b
        ackground" android:elevation="4dp"
        android:theme="@style/ThemeOverlay.A
        ppCompat.Dark.ActionBar"
        android:popupTheme="@style/ThemeOve
        rlay.AppCompat.Light">
    <!-- Teks di dalam Toolbar -->
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Beranda"
        android:textSize="20sp"
        android:textStyle="bold"
        android:textColor="#FFFFFF"
        android:layout_gravity="center"/>
    </androidx.appcompat.widget.Toolbar>
    <!-- Button Login Admin -->
    <Button
        android:id="@+id/buttonLoginAdmin"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentTop="true"
        android:layout_marginEnd="16dp"
        android:layout_marginTop="70dp"
        android:background="@drawable/
        custom_button"
        android:padding="10dp"
        android:text="Login" />
    <TextView
        android:id="@+id/textbesar"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="30dp"
        android:layout_marginEnd="30dp"
        android:layout_marginTop="130dp"
        android:textStyle="bold"
        android:text="APLIKASI
        PENGOBATAN HERBAL BERBASIS
        ANDROID"
        android:textSize="40sp"
        android:textColor="#1DB7AE"/>
    <TextView
        android:id="@+id/textkecil"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="30dp"
        android:layout_marginEnd="30dp"
        android:layout_below="@+id/textbesar"
        android:textStyle="bold"
        android:text="Solusi Kesehatan Alami
        dengan Sentuhan Modern di Smartphone
        Anda"
        android:textSize="20sp"
        android:textColor="#1DB7AE"/>
    <Button
        android:id="@+id/buttonDaftarPenyakit"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginStart="90dp"
        android:layout_marginEnd="90dp"
        android:text="Mulai"
        android:layout_below="@id/textkecil"
        android:background="@drawable/custom_
        button"
        android:layout_marginTop="20dp"/>
    <Button
        android:id="@+id/buttonProfil"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="15dp"
        android:layout_below="@id/buttonDaftar
        Penyakit"
        android:background="@drawable/
        custom_button"
        android:layout_marginStart="90dp"
```

```

        android:layout_marginEnd="90dp"
        android:text="Profil Sumber" />
<Button
    android:id="@+id/buttonBack"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_centerHorizontal="true"

        android:layout_marginStart="16dp"
        android:layout_marginTop="16dp"
        android:layout_marginEnd="16dp"
        android:layout_marginBottom="26dp"
        android:background="@drawable/
        custom_button"
        android:text="Keluar" />
</RelativeLayout>

```

5. Script activity home.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.
    android.
    com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar"
        android:layout_width="match_parent"
        android:layout_height="?attr/actionBarSize"
        android:background="@drawable/
        green_background"
        android:elevation="4dp"
        android:theme="@style/ThemeOverlay.App
        Compat.Dark.ActionBar"
        android:popupTheme="@style/ThemeOverla
        y.AppCompat.Light">
    <!-- Teks di dalam Toolbar -->
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Daftar Penyakit"
        android:textSize="20sp"
        android:textStyle="bold"
        android:textColor="#FFFFFF"
        android:layout_gravity="center"/>
    </androidx.appcompat.widget.Toolbar>

    <SearchView
        android:id="@+id/searchView"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="3dp"
        android:layout_marginStart="3dp"
        android:layout_marginEnd="3dp"
        android:layout_below="@id/toolbar"
        android:layout_alignParentStart="true"
        android:layout_alignParentEnd="true"
        android:queryHint="Cari nama Penyakit"
        android:background="@drawable/
        serch_bg" />
    <LinearLayout
        android:id="@+id/buttonLayout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_below="@id/searchView"/>
    <ListView
        android:layout_marginStart="25dp"
        android:layout_marginEnd="25dp"
        android:id="@+id/listView"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_below="@id/button
        Layout"
        android:layout_marginTop="10dp"/>
</RelativeLayout>

```

6. Script activity tanama.xml

```

<?xml version="1.0" encoding="utf-8"?>
<FrameLayout
    xmlns:android="http://schemas.android.c
    om/apk/res/android"
    android:layout_width="match_parent"

```

```

        android:layout_height="match_parent">
<!-- Layout utama -->
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">
<!-- Toolbar -->
<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"
    android:layout_width="match_parent"
    android:layout_height="?attr/
    actionBarSize"
    android:background="@drawable/green_b
    ackground"
    android:elevation="4dp"
    android:theme="@style/ThemeOverlay.
    AppCompat.Dark.ActionBar"
    android:popupTheme="@style/ThemeO
    verlay.AppCompat.Light">
<!-- Teks di dalam Toolbar -->
<TextView
    android:id="@+id/toolbar_title"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Bahan Herbal"
    android:textColor="#FFFFFF"
    android:textSize="20sp"
    android:textStyle="bold"
    android:layout_gravity="center"/>
</androidx.appcompat.widget.Toolbar>
<!-- Daftar Tanaman -->
<ScrollView
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:layout_weight="1">
<LinearLayout
    android:id="@+id/tanamanContainer"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">
<!-- Item Tanaman -->

```

```

<!-- Tidak perlu menambahkan item
    tanaman di sini karena akan ditambahkan
    secara dinamis oleh kode Java -->
</LinearLayout>
</ScrollView>
<!-- Tombol Kembali dan Resep -->
<LinearLayout
    android:id="@+id/buttonLayout"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:gravity="center_horizontal">
<!-- Tombol Kembali -->
<Button
    android:id="@+id/buttonBack"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Kembali"
    android:background="@drawable/custom_b
    utton"
    android:layout_margin="8dp"/>
<!-- Tombol Resep -->
<Button
    android:id="@+id/buttonResep"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Resep"
    android:background="@drawable/custom_b
    utton"
    android:layout_margin="8dp"/>
</LinearLayout>
</LinearLayout>
<!-- ProgressBar di tengah layar -->
<ProgressBar
    android:id="@+id/progressBar"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:visibility="gone"/>
</FrameLayout>

```

7. Script activity resepe.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/a
pk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
<androidx.appcompat.widget.Toolbar
    android:id="@+id/toolbar"
    android:layout_width="match_parent"
    android:layout_height="?attr/actionBarSize"
    android:background="@drawable/
green_background"
    android:elevation="4dp"
    android:theme="@style/ThemeOverlay.
AppCompat.Dark.ActionBar"
    android:popupTheme="@style/Theme
Overlay.AppCompat.Light">
<!-- Teks di dalam Toolbar -->
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Detail Resep"
    android:textSize="20sp"
    android:textStyle="bold"
    android:textColor="#FFFFFF"
    android:layout_gravity="center"/>
</androidx.appcompat.widget.Toolbar>
<ScrollView
    android:layout_width="match_parent"
    android:layout_height="match_parent">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">
<!-- Daftar Bahan -->
<TextView
    android:id="@+id/textViewDaftarBahan"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Daftar Bahan:"
    android:layout_marginTop="80dp"
    android:textStyle="bold"
    android:textSize="18sp"
    android:layout_marginStart="25dp"/>
<TextView
    android:id="@+id/textViewBahan"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="1. Bahan 1\n2. Bahan
2\n3. Bahan 3"
    android:textSize="16sp"
    android:padding="10dp"
    android:background="@drawable/
bg_bingkai"
    android:layout_marginTop="10dp"
    android:layout_marginStart="30dp"
    android:layout_marginEnd="25dp"/>
<!-- Cara Meramu -->
<TextView
    android:id="@+id/textViewCaraMeramu"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Cara Meramu:"
    android:textSize="18sp"
    android:textStyle="bold"
    android:layout_marginTop="20dp"
    android:layout_marginStart="25dp"/>
<TextView
    android:id="@+id/textViewramu"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="langkah langkah "
    android:padding="10dp"
    android:background="@drawable/
bg_bingkai"
    android:textSize="16sp"
    android:layout_marginTop="10dp"
    android:layout_marginStart="30dp"
    android:layout_marginEnd="25dp"/>
<TextView
    android:id="@+id/textView
```



```

VideoTutorial"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Video Tutorial:"
    android:textSize="18sp"
    android:textStyle="bold"
    android:layout_marginTop="20dp"
    android:layout_marginStart="25dp"/>
<!-- WebView untuk Video YouTube -->
<WebView
    android:id="@+id/webViewYouTube"
    android:layout_width="match_parent"
    android:layout_height="300dp"
    android:layout_marginBottom="80dp"
    android:layout_marginTop="20dp"/>
</LinearLayout>

</ScrollView>
<Button
    android:id="@+id/buttonBack"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_centerHorizontal="true"
    android:layout_marginStart="16dp"
    android:layout_marginTop="16dp"
    android:layout_marginEnd="16dp"
    android:layout_marginBottom="16dp"
    android:background="@drawable/
    custom_button"
    android:text="kembali" />
</RelativeLayout>

```

8. Script profil activity.xml

```

<?xml version="1.0" encoding="utf-8"?>
<ScrollView
    xmlns:android="http://schemas.android.com/
    apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:fillViewport="true"
    android:padding="16dp">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:background="@drawable/
        bg_bingkai"
        android:gravity="center_horizontal">
        <TextView
            android:id="@+id/textViewTitle"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="1001+plus"
            android:textSize="30sp"
            android:textStyle="bold"
            android:textColor="#000000"
            android:layout_marginTop="20dp"
            android:layout_marginBottom="8dp"/>
        <TextView
            android:id="@+id/textViewSubtitle"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Resep Obat Nusantara"
            android:textSize="25sp"
            android:textStyle="bold"
            android:textColor="#000000"
            android:layout_marginBottom="16dp"/>
        <TextView
            android:id="@+id/textViewDescription"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerHorizontal="true"
            android:textAlignment="center"
            android:text="Kumpulan Resep dari bahan-
            bahan berkhasiat obat yang ada di Sekitar
            Kita"
            android:textSize="20sp"
            android:textStyle="italic|bold"
            android:layout_marginStart="20dp"
            android:layout_marginEnd="20dp"
            android:textColor="#000000"

```

```

        android:layout_marginBottom="24dp"/>
<TextView
    android:id="@+id/textViewAuthor"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:textAlignment="center"
    android:text="Penulis:\nAbu
    Muhammad Fariz Al-Qiyaji"
    android:textSize="16sp"
    android:textStyle="bold"
    android:textColor="#000000"
    android:layout_marginBottom="16dp"/>
<TextView
    android:id="@+id/textViewEditor"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:textAlignment="center"
    android:text="Penyunting:\nTim
    Pustaka Unta Merah"
    android:textSize="16sp"
    android:textStyle="bold"
    android:textColor="#000000"
    android:layout_marginBottom=
        "16dp"/>
<TextView
    android:id="@+id/textViewLayoutCover"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:textAlignment="center"
    android:text="Layout Cover:\n
    nAbu Nasheer"
    android:textSize="16sp"
    android:textStyle="bold"
    android:textColor="#000000"
    android:layout_marginBottom=
        "16dp"/>
<TextView
    android:id="@+id/textViewPublisher"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:textAlignment="center"
    android:text="Diterbitkan Oleh:\nPustaka
    Unta Merah"
    android:textSize="16sp"
    android:textStyle="bold"
    android:textColor="#000000"
    android:layout_marginBottom="16dp"/>
<TextView
    android:id="@+id/textViewEdition"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:textAlignment="center"
    android:text="Cetakan Ke-1\nSyawal 1443
    H / Mei 2022"
    android:textSize="16sp"
    android:textStyle="bold"
    android:textColor="#000000"
    android:layout_marginBottom="16dp"/>
<TextView
    android:id="@+id/textViewDetails"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:textAlignment="center"
    android:text="334 hlm.; 20cm\nISBN 978-
    602-1668-05-4"
    android:textSize="16sp" android:textStyle="
    bold"
    android:layout_marginBottom="16dp"
    android:textColor="#000000"/>
<TextView
    android:id="@+id/textpengantar"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:textAlignment="center"
    android:text="Buku 1001 +Plus Resep Obat
    Nusantara ini berisi pembahasan tentang
    resep resep obat yang menggunakan bahan
    tanaman berkhasiat asli Indonesia yang biasa

```

ditemukan si sekitar kita seperti yang sering digunakan sebagai bumbu dapur dan lainnya. dengan disertai penjelasan cara meramu dan cara penggunaannya untuk pengobatan berbagai macam jenis penyakit.

```

"
android:textSize="16sp"

```

```

android:textStyle="bold"
android:layout_marginStart="20dp"
android:layout_marginEnd="20dp"
android:textColor="#000000"
android:layout_marginBottom="20dp"/>
</LinearLayout>
</ScrollView>

```

9. Script activity login.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.c
om/apk/res/android"
    xmlns:app="http://schemas.android.com/a
pk/res-auto"
    xmlns:tools="http://schemas.
android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    >
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:weightSum="2">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:layout_weight="1"
    android:background="@drawable/green_
background"
    android:gravity="center"
    android:orientation="vertical">
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:layout_weight="1"
    android:background="@color/white"
    android:gravity="center"
    android:orientation="vertical">
</LinearLayout>

```

```

</LinearLayout>
<ImageView
    android:id="@+id/imglogo"
    android:layout_width="100dp"
    android:layout_height="100dp"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="30dp"
    android:src="@mipmap/ic_launcher" />
<TextView
    android:id="@+id/tvtext"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/imglogo"
    android:layout_centerHorizontal="true"
    android:fontFamily="sans-serif-
medium"
    android:padding="5dp"
    android:text="LOGIN APLIKASI"
    android:textColor="#fff"
    android:textSize="22sp"
    android:textStyle="bold" />
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/tvtext"
    android:layout_centerInParent="true"
    android:orientation="vertical">
<android.support.v7.widget.CardView
    android:id="@+id/form"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginRight="10dp"
    app:cardCornerRadius="10dp"
    app:cardElevation="8dp"

```

```

        app:cardPreventCornerOverlap="false"
        app:cardUseCompatPadding="true">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#fff"
    android:orientation="vertical">
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="40dp"
    android:layout_marginRight="10dp"
    android:text="Username"
    android:textColor="#000"
    android:textSize="15sp"
    android:textStyle="bold" />
<EditText
    style="@style/styleEditText"
    android:id="@+id/loginusername"
    android:layout_marginLeft="10dp"
    android:layout_marginRight="10dp"
    android:textColor="#000"
    android:background="@drawable/
edit_text_style"
    android:hint="Masukkan username"
    android:paddingLeft="20dp"/>
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:layout_marginRight="10dp"
    android:text="Password"
    android:textColor="#000"
    android:textSize="15sp"
    android:textStyle="bold" />
<EditText
    style="@style/styleEditText"
    android:id="@+id/loginpassword"
    android:layout_marginLeft="10dp"
    android:layout_marginRight="10dp"

```

```

        android:hint="Masukkan password"
        android:paddingLeft="20dp" />
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginRight="10dp"
    android:orientation="horizontal">
<Button
    android:id="@+id/btnTutup"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginRight="5dp"
    android:layout_marginBottom="40dp"
    android:layout_weight="1"
    android:background="@drawable/
round_btn"
    android:text="Keluar"
    android:textAllCaps="false"
    android:textColor="#fff" />
<Button
    android:id="@+id/btnMasuk"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="5dp"
    android:layout_marginBottom="40dp"
    android:layout_weight="1"
    android:background="@drawable/round
_btn"
    android:text="Masuk"
    android:textAllCaps="false"
    android:textColor="#fff" />
</LinearLayout>
</LinearLayout>
</android.support.v7.widget.CardView>
</LinearLayout>
</RelativeLayout>
</RelativeLayout>

```

10. Script admin penyakit list.xml

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

```

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

```

```

android:layout_width="match_parent"
android:layout_height="match_parent"
xmlns:ads="http://schemas.android.com/apk/
res-auto">
<EditText
    android:id="@+id/editText_search"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Cari penyakit"
    android:layout_margin="16dp"
    android:inputType="text" />
<ListView
    android:id="@+id/listview_penyakit"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_below="@id/editText_
search"
    android:dividerHeight="1dp"
    android:padding="8dp" /

```

11. Script fragmena tambah penyakit.xml

```

<LinearLayout
    xmlns:android="http://schemas.android.com/
apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:gravity="center"
    android:background="@color/
colorAccent"
    android:layout_gravity="center_
vertical|center_horizontal"
    android:layout_margin="20dp"
    android:padding="16dp">

```

```

<com.google.android.material.floatingaction
button.FloatingActionButton
    android:id="@+id/btn_tambah_data"
    android:layout_width="rap_content"
    android:layout_height="wrap_content"
    android:layout_alignParntEnd="true"
    android:layout_alignParetBottom="true"
    android:layout_marginEd="20.0dip"
    android:layout_marginBottom="20.0dip"
    android:src="@drawable/ic_add"
    android:onClick="tambahData"
    android:tint="@android:color/white"
    ads:backgroundTint="#00BCD4" />
</RelativeLayout>

```

```

<EditText
    android:id="@+id/editText_nama_
penyakit"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Nama Penyakit"
    android:inputType="text" />
<Button
    android:id="@+id/button_simpan"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Simpan" />
</LinearLayout>

```

12. Script admin detail penyakit.xml

```

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

```

```

    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    xmlns:tools="http://schemas.android.
com/tools"
    android:background="#fff5f5f7">
<com.google.android.material.appbar.
AppBarLayout

```



```

        android:id="@+id/toolbar"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/bg_toolbar">
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">
<ImageView
    android:id="@+id/ivBack"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:padding="18.0dip"
    android:onClick="pressback"
    android:src="@drawable/ic_back_arrow" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="15.0dip"
    android:layout_marginTop="17.0dip"
    android:layout_marginBottom="14.0dip"
    android:fontFamily="@font/poppinsbold"
    android:text="Detail Penyakit"
    android:textColor="@color/white"
    android:textSize="16.0sp"
    ads:layout_constraintStart_toStartOf="parent"
    ads:layout_constraintTop_toTopOf="parent" />
</LinearLayout>
</com.google.android.material.appbar.AppBarLayout>
<ScrollView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_below="@id/toolbar">
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:layout_marginLeft="10.0dip"
    android:layout_marginRight="10.0dip"
    android:layout_marginBottom="5.0dip"
    android:gravity="center_horizontal">
<LinearLayout
    android:id="@+id/body"
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">
<androidx.recyclerview.widget.
RecyclerView
    android:id="@+id/recyclerview_herbal"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="16dp"
    android:layout_marginBottom="16dp"
    android:background="@android:color/white" />
</LinearLayout>
<RelativeLayout
    android:id="@+id/body2"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="horizontal">
<androidx.recyclerview.widget.
RecyclerView
    android:id="@+id/recyclerview_resep"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:listitem="@layout/item_resep"
    android:background="@android:color/white" />
</RelativeLayout>
</LinearLayout>
</ScrollView>
<com.google.android.material.floatingactionbutton.FloatingActionButton
    android:id="@+id/btn_tambah_data"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="20.0dip"
    android:layout_marginBottom="20.0dip"
    android:src="@drawable/ic_add"
    android:onClick="tambahData"
    android:tint="@android:color/white"
    ads:backgroundTint="#ffff727" />
</RelativeLayout>

```

13. Script admin input from activity.xml

```

<RelativeLayout
    xmlns:android="http://schemas.android.com/
    apk/res/android"
    xmlns:ads="http://schemas.android.com/apk/
    res-auto"
    xmlns:app="http://schemas.android.com/apk
    /res-auto"
    xmlns:tools="http://schemas.android.com/to
    ols"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:background="#fff5f5f7">
<com.google.android.material.appbar.AppBarLay
    out>
    <Spinner
        android:layout_margin="10dp"
        android:id="@+id/spinner_select_type"
        android:layout_width="match_parent"
        android:layout_height="50.0dip"
        android:layout_marginTop="5.0dip"
        android:layout_below="@id/toolbar"
        android:background="@drawable/
        editText_background"
        android:entries="@array/select_type_array"
        />
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_below="@+id/spinner_select
        _type"
        android:layout_marginTop="20dp"
        android:padding="10dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentBottom="true"
        android:orientation="horizontal">
        <!-- Form for Resep -->
        <LinearLayout
            android:id="@+id/form_resep"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:layout_below="@id/spinner_
            select_type"
            android:visibility="gone"
            tools:ignore="NotSibling">

```

```

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Input Resep"
    android:textSize="18sp"
    android:textStyle="bold" />
<EditText
    android:id="@+id/et_resep_bahan"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Bahan" />
<EditText
    android:id="@+id/et_resep_ramu"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Ramu" />
<EditText
    android:id="@+id/et_resep_video"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Video URL" />
</LinearLayout>
<!-- Form for Herbal -->
<LinearLayout
    android:id="@+id/form_herbal"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:paddingTop="16dp"
    android:visibility="visible">
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Input Herbal"
    android:textSize="18sp"
    android:textStyle="bold" />
<EditText
    android:id="@+id/et_herbal_nama"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Nama Herbal" />
<EditText
    android:id="@+id/et_deskripsi"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Deskripsi" />
<EditText
    android:id="@+id/et_image_url"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Image URL" />
</LinearLayout>
<Button
    android:id="@+id/btn_submit"
    android:layout_marginTop="250dp"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Simpan" />
<!-- Button for submitting form -->
</RelativeLayout>
</RelativeLayout>
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Nama Herbal"
    android:padding="16dp"
    android:background="@drawable/edittext_background"
    android:enabled="false" />
<EditText
    android:id="@+id/et_herbal_name"

```

14. Script edit herbal.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:padding="10dp"
    android:layout_height="match_parent">
<EditText
    android:id="@+id/et_herbal_name"

```

```

        android:id="@+id/et_description"
        android:background="@drawable/
        edittext_background"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/et_
        herbal_name"
        android:hint="Masukkan deskripsi
        herbal"
        android:padding="16dp" />
<EditText
    android:id="@+id/et_image_url"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/et_
    description"
    android:background="@drawable/
    edittext_background"
    android:hint="Masukkan URL gambar"
    android:padding="16dp" />
<Button
    android:id="@+id/btn_save"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/et_image_url"
    android:layout_marginTop="16dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_marginEnd="16dp"
    android:backgroundTint="@color/
    colorAccent"
    android:textColor="#FFFFFF"
    android:layout_marginRight="16dp" />
<Button
    android:id="@+id/btn_delete"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/et_image_url"
    android:layout_marginTop="19dp"
    android:layout_marginEnd="10dp"
    android:layout_marginRight="122dp"
    android:layout_toStartOf="@+id/btn_save"
    android:backgroundTint="#FF3654"
    android:text="Hapus Data"
    android:textColor="#FFFFFF" />
</RelativeLayout>

```

15. Script edit resep.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/a
    pk/res/android"
    android:layout_width="match_parent"
    android:padding="10dp"
    android:layout_height="match_parent">
    <EditText
        android:id="@+id/et_bahan"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Nama Bahan"
        android:padding="16dp"
        android:background="@drawable/
        edittext_background"
        android:enabled="false" />
    <EditText
        android:id="@+id/et_ramu"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/
        edittext_background"
        android:layout_height="wrap_content"
        android:layout_below="@id/et_ramu"
        android:hint="Masukkan deskripsi
        Ramuan"
        android:padding="16dp" />
    <EditText
        android:id="@+id/et_video_url"
        android:layout_width="match_parent"
        android:background="@drawable/
        edittext_background"
        android:layout_height="wrap_content"
        android:layout_below="@id/et_ramu"
        android:hint="Masukkan URL Video"

```

```

        android:padding="16dp" />
<Button
    android:id="@+id/btn_save"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/et_
video_url"
    android:layout_marginTop="16dp"
    android:text="Simpan"
    android:layout_alignParent
End="true"
    android:layout_alignParentRight="true"
    android:layout_marginEnd="16dp"
    android:backgroundTint="@color/
colorAccent"
    android:textColor="#FFFFFF"

```

```

        android:layout_marginRight="16dp" />
<Button
    android:id="@+id/btn_delete"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/
et_video_url"
    android:layout_marginTop="19dp"
    android:layout_marginEnd="10dp"
    android:layout_marginRight="122dp"
    android:layout_toStartOf="@+
id/btn_save"
    android:backgroundTint="#FF3654"
    android:text="Hapus Data"
    android:textColor="#FFFFFF" />
</RelativeLayout>

```

16. Script activity add disease.xml

```

<LinearLayout
xmlns:android="http://schemas.android.com/
apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp">
<EditText
    android:id="@+id/editTextDisease
Name"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Nama Penyakit" />
<EditText
    android:id="@+id/editTextHerbalTitle"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Judul Herbal" />
<EditText
    android:id="@+id/editText
HerbalDescription"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Deskripsi Herbal" />

```

```

<EditText
    android:id="@+id/editText
HerbalImageUrl"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="URL Gambar Herbal" />
<EditText
    android:id="@+id/editText
RecipeIngredients"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Bahan Resep" />
<EditText
    android:id="@+id/editText
RecipeInstructions"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Instruksi Resep" />
<EditText
    android:id="@+id/editText
RecipeVideoUrl"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="URL Video Resep" />
<Button

```

```

        android:id="@+id/buttonAddData"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"

```

```

        android:text="Tambah Data" />
</LinearLayout>

```

17. Script Java Halaman Utama

```

package com.aplikasi.resep;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import
androidx.appcompat.app.AppCompatActivity;
public class HalamanUtama extends
AppCompatActivity {
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_halaman_
utama);
        Button btn_penyakit =
findViewById(R.id.buttonDaftarPenyakit);
        btn_penyakit.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new
Intent(HalamanUtama.this, home.class);
                startActivity(intent);
            }
        });
        Button btn_profil =
findViewById(R.id.buttonProfil);
        btn_profil.setOnClickListener(new
View.OnClickListener() {
            @Override

```

```

        public void onClick(View v) {
            Intent intent = new
Intent(HalamanUtama.this,
ProfilActivity.class);
            startActivity(intent);
        }
    });
    Button btn_login_admin =
findViewById(R.id.buttonLoginAdmin);
    btn_login_admin.setOnClickListener(new
View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new
Intent(HalamanUtama.this, login.class);
            startActivity(intent);
        }
    });
    Button btn_keluar =
findViewById(R.id.buttonBack); // Ganti
dengan ID tombol "Keluar" jika berbeda
    btn_keluar.setOnClickListener(new
View.OnClickListener() {
        @Override
        public void onClick(View v) {
            finish(); // Menutup aktivitas saat
ini
        }
    });
}
}

```

18. Script Java Halaman Home

```

package com.aplikasi.resep;
import android.content.Intent;
import android.os.Bundle;
import android.widget.ListView;

```

```

import android.widget.SearchView;
import androidx.annotation.NonNull;

```

```

import
androidx.appcompat.app.AppCompatActivity;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseReference;
import
com.google.firebase.database.FirebaseDatabase;

```

```

        // Menginisialisasi ListView dan
        Adapter
        diseaseList = new ArrayList<>();
        filteredDiseaseList = new
        ArrayList<>();
        ListView listView =
        findViewById(R.id.listView);
        adapter = new DiseaseAdapter(this,
        filteredDiseaseList);
        listView.setAdapter(adapter);
        // Menginisialisasi SearchView
        SearchView searchView =
        findViewById(R.id.searchView);
        searchView.setOnQueryTextListener(new
        SearchView.OnQueryTextListener() {
            @Override
            public boolean
            onQueryTextSubmit(String query) {
                return false;
            }
            @Override
            public boolean
            onQueryTextChange(String newText) {
                filterDiseases(newText);
                return true;
            }
        });

```

```

import
com.google.firebase.database.ValueEventListener;
import java.util.ArrayList;
import java.util.List;
public class home extends
AppCompatActivity {
    private List<Disease> diseaseList;
    private List<Disease> filteredDiseaseList;
    private DiseaseAdapter adapter;
    @Override
    protected void onCreate(Bundle
    savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home);

        // Mendapatkan referensi ke Firebase
        Database
        FirebaseDatabase database =
        FirebaseDatabase.getInstance();
        DatabaseReference myRef =
        database.getReference("penyakit");
        // Mengambil data dari Firebase
        myRef.addValueEventListener(new
        ValueEventListener() {
            @Override
            public void
            onDataChange(@NonNull DataSnapshot
            dataSnapshot) {
                diseaseList.clear();
                for (DataSnapshot snapshot :
                dataSnapshot.getChildren()) {
                    // Mendapatkan nama penyakit
                    String name =
                    snapshot.getKey();
                    // Mendapatkan data herbal
                    DataSnapshot herbalSnapshot =
                    snapshot.child("herbal").getChildren().iterator().next();
                    Herbal herbal =
                    herbalSnapshot.getValue(Herbal.class);
                    // Mendapatkan resep

```



```

        List<Recipe> resepList = new
ArrayList<>();
        for (DataSnapshot
recipeSnapshot :
snapshot.child("resep").getChildren()) {
            Recipe recipe =
recipeSnapshot.getValue(Recipe.class);
            resepList.add(recipe);
        }
        Disease disease = new
Disease(name, herbal, resepList);
        diseaseList.add(disease);
    }
    filterDiseases(searchView.getQuery().toString());
}
@Override
public void onCancelled(@NonNull
DatabaseError error) {
    // Menangani error
    intent.putExtra("deskripsi_herbal",
selectedDisease.getHerbal().getDescription());
    // Deskripsi herbal
    intent.putExtra("image_url_herbal",
selectedDisease.getHerbal().getImage_url());
    // URL gambar herbal
    // Jika perlu, Anda dapat
menambahkan informasi lain yang ingin
Anda kirim
    // Mulai activity TanamanActivity
startActivity(intent);
});
}
private void filterDiseases(String query) {
    filteredDiseaseList.clear();
    if (query.isEmpty()) {

```

```

    }
    });
    listView.setOnItemClickListener((parent,
view, position, id) -> {
        // Dapatkan objek Disease yang
sesuai dengan posisi yang diklik
        Disease selectedDisease =
filteredDiseaseList.get(position);
        // Buat Intent untuk membuka
activity TanamanActivity
        Intent intent = new Intent(home.this,
TanamanActivity.class);
        // Sertakan informasi tentang
penyakit yang dipilih dalam Intent
        intent.putExtra("nama_penyakit",
selectedDisease.getName());
        intent.putExtra("judul_herbal",
selectedDisease.getHerbal().getTitle()); //
Judul herbal

        filteredDiseaseList.addAll(diseaseList);

    } else {
        for (Disease disease : diseaseList) {
            if
(disease.getName().toLowerCase().contains(
query.toLowerCase())) {
                filteredDiseaseList.add(disease);
            }
        }
    }
    adapter.notifyDataSetChanged();
}
}

```

19. Script Java Halaman Bahan Herbal

```

package com.aplikasi.resep;
import android.content.Intent;
import android.graphics.Typeface;
import android.graphics.drawable.Drawable;
import android.os.Bundle;

```

```

import android.view.Gravity;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Button;
import android.widget.FrameLayout;

```

```

import android.widget.ImageView;
import android.widget.LinearLayout;
import android.widget.ProgressBar;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import
androidx.appcompat.app.AppCompatActivity;
import com.bumptech.glide.Glide;
import
com.bumptech.glide.request.transition.Trans
ition;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import
com.google.firebase.database.ValueEventLis
tener;
import android.graphics.drawable.Drawable;
import androidx.annotation.Nullable;
import
com.bumptech.glide.request.transition.Trans
ition;
import
com.bumptech.glide.request.target.CustomT
arget;
import
com.bumptech.glide.request.target.Target;
public class TanamanActivity extends
AppCompatActivity {
    private Button buttonBack;
    private Button buttonResep;
    private ProgressBar progressBar; // Add
ProgressBar

```

```

@Override
protected void onCreate(Bundle
savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_tanaman);
    // Inisialisasi komponen XML dengan kode
Java
    buttonBack =
findViewById(R.id.buttonBack);
    buttonResep =
findViewById(R.id.buttonResep);
    LinearLayout tanamanContainer =
findViewById(R.id.tanamanContainer);
    progressBar =
findViewById(R.id.progressBar); //
Initialize ProgressBar
    // Mendapatkan data dari activity
sebelumnya
    Intent intent = getIntent();
    String namaPenyakit =
intent.getStringExtra("nama_penyakit");
    // Mengambil data tanaman dari Firebase
    DatabaseReference databaseReference =
FirebaseDatabase.getInstance().getReference
("penyakit")
        .child(namaPenyakit).child("herbal");
    // Show ProgressBar before loading data
    progressBar.setVisibility(View.VISIBLE);
    databaseReference.addListenerForSingleVal
ueEvent(new ValueEventListener() {
        @Override
        public void
onDataChange(@NonNull DataSnapshot
snapshot) {
            // Hide ProgressBar after loading data
            progressBar.setVisibility(View.GONE);
            // Mengisi komponen dengan data
dari Firebase
            for (DataSnapshot herbalSnapshot
: snapshot.getChildren()) {
                String title =
herbalSnapshot.child("title").getValue(String
.class);

```

```

        String description =
herbalSnapshot.child("description").getValu
e(String.class);
        String imageUrl =
herbalSnapshot.child("image_url").getValue
(String.class);
        // Buat grup baru untuk setiap tanaman
        LinearLayout.LayoutParams
layoutParams = new
LinearLayout.LayoutParams(ViewGroup.La
youtParams.MATCH_PARENT,
ViewGroup.LayoutParams.WRAP_CONTE
NT);
        layoutParams.setMargins(0, 0,
0, 16); // Menambahkan margin antara setiap
grup
        FrameLayout grup1 = new
FrameLayout(TanamanActivity.this);
grup1.setLayoutParams(layoutParams);
        // Gambar Tanaman
        FrameLayout.LayoutParams
imageParams = new
FrameLayout.LayoutParams(FrameLayout.L
ayoutParams.MATCH_PARENT, 650);
        ImageView imageView = new
ImageView(TanamanActivity.this);
imageView.setLayoutParams(imageParams);
imageView.setScaleType(ImageView.Scale
Type.FIT_XY);
        // Show ProgressBar while loading image
progressBar.setVisibility(View.VISIBLE);
        Glide.with(TanamanActivity.this)
            .load(imageUrl)
            .placeholder(R.drawable.default_image22)
            .into(new
CustomTarget<Drawable>() {
            @Override
            public void
onLoadStarted(@Nullable Drawable
placeholder) {
            // Show progress bar if needed
progressBar.setVisibility(View.VISIBLE);
imageView.setImageDrawable(placeholder);

```

```

        }
        @Override
        public void
onLoadFailed(@Nullable Drawable
errorDrawable) {
        // Hide progress bar if load failed
progressBar.setVisibility(View.GONE);
imageView.setImageDrawable(errorDrawabl
e);
        }
        @Override
        public void
onResourceReady(@NonNull Drawable
resource, @Nullable Transition<? super
Drawable> transition) {
        // Hide progress bar when image is loaded
progressBar.setVisibility(View.GONE);
imageView.setImageDrawable(resource);
        }
        @Override
        public void
onLoadCleared(@Nullable Drawable
placeholder) {
        // Handle cleanup if needed
imageView.setImageDrawable(placeholder);
        }
    });
    // Judul Tanaman
    FrameLayout.LayoutParams
titleParams = new
FrameLayout.LayoutParams(FrameLayout.L
ayoutParams.WRAP_CONTENT,
FrameLayout.LayoutParams.WRAP_CONT
ENT);
        titleParams.gravity =
Gravity.BOTTOM | Gravity.START;
        titleParams.setMargins(50, 0, 0,
50);
        TextView titleTextView = new
TextView(TanamanActivity.this);
titleTextView.setLayoutParams(titleParams)
;

```

```

titleTextView.setBackgroundResource(R.dra
wable.blue_background);
        titleTextView.setText(title);
        titleTextView.setPadding(15, 0,
15, 0);
        titleTextView.setTextSize(20);
        titleTextView.setTypeface(null,
Typeface.BOLD_ITALIC);
        // Grup untuk deskripsi tanaman
        FrameLayout.LayoutParams
deskripsiParams = new
FrameLayout.LayoutParams(FrameLayout.L
ayoutParams.MATCH_PARENT,
FrameLayout.LayoutParams.WRAP_CONT
ENT);
        deskripsiParams.setMargins(5,
5, 5, 50);
        TextView descriptionTextView
= new TextView(TanamanActivity.this);
descriptionTextView.setLayoutParams(deskr
ipsiParams);
descriptionTextView.setBackgroundResourc
e(R.drawable.bg_bingkai);
descriptionTextView.setGravity(Gravity.ST
ART);
descriptionTextView.setPadding(30, 30, 30,
30);
descriptionTextView.setText(description);
        // Tambahkan komponen ke dalam grup1
        grup1.addView(imageView);
        grup1.addView(titleTextView);
        // Tambahkan grup1 ke dalam
tanamanContainer
        tanamanContainer.addView(grup1);
        // Tambahkan deskripsi tanaman ke dalam
tanamanContainer
tanamanContainer.addView(descriptionText
View);

```

20. Script Java TanamanActivity

```

package com.aplikasi.resep;
import android.content.Intent;
import android.graphics.Typeface;
import android.graphics.drawable.Drawable;

```

```

        }
    }
    @Override
    public void onCancelled(@NonNull
DatabaseError error) {
        // Menangani error
        progressBar.setVisibility(View.GONE); //
Hide ProgressBar if there's an error
    }
});
// Mengatur aksi ketika tombol kembali
ditekan
        buttonBack.setOnCickListener(new
View.OnClickListener() {
            @Overrid
            public vod onClick(View v) {
                finish(); // Menutup activity saat
tombol kembal ditekan
            })
        //Mengatur aksi ketika tombol resep
ditekn
        buttonResep.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new
Intent(TanamanActivity.this,
ResepActivity.class);
                intent.putExtra("nama_penyakit",
namaPenyakit);
                startActivity(intent);
            }
        });
    }
}

```

```

import android.os.Bundle;
import android.view.Gravity;
import android.view.View;
import android.view.ViewGroup;

```

```

import android.widget.Button;
import android.widget.FrameLayout;
import android.widget.ImageView;
import android.widget.LinearLayout;
import android.widget.ProgressBar;
import android.widget.TextView;
import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import
androidx.appcompat.app.AppCompatActivity;
import com.bumptech.glide.Glide;
import
com.bumptech.glide.request.transition.Trans
ition;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import
com.google.firebase.database.ValueEventLis
tener;
import android.graphics.drawable.Drawable;
import androidx.annotation.Nullable;
import
com.bumptech.glide.request.transition.Trans
ition;
import
com.bumptech.glide.request.target.CustomT
arget;
import
com.bumptech.glide.request.target.Target;
public class TanamanActivity extends
AppCompatActivity {
    private Button buttonBack;
    private Button buttonResep;

```

```

        private ProgressBar progressBar; // Add
        ProgressBar
        @Override
        protected void onCreate(Bundle
        savedInstanceState) {
            super.onCreate(savedInstanceState);
            setContentView(R.layout.activity_tanaman);
            // Inisialisasi komponen XML dengan kode
            Java
            buttonBack =
            findViewById(R.id.buttonBack);
            buttonResep =
            findViewById(R.id.buttonResep);
            LinearLayout tanamanContainer =
            findViewById(R.id.tanamanContainer);
            progressBar =
            findViewById(R.id.progressBar); //
            Initialize ProgressBar

            // Mendapatkan data dari activity
            sebelumnya

            Intent intent = getIntent();
            String namaPenyakit =
            intent.getStringExtra("nama_penyakit");
            // Mengambil data tanaman dari Firebase
            DatabaseReference databaseReference
            =
            FirebaseDatabase.getInstance().getReference
            ("penyakit")
            .child(namaPenyakit).child("herbal");
            // Show ProgressBar before loading data
            progressBar.setVisibility(View.VISIBLE);

            databaseReference.addListenerForSingleVal
            ueEvent(new ValueEventListener() {
                @Override
                public void
                onDataChange(@NonNull DataSnapshot
                snapshot) {
                    // Hide ProgressBar after loading
                    data
                    progressBar.setVisibility(View.GONE);

```

```

// Mengisi komponen dengan data dari
Firebase
        for (DataSnapshot herbalSnapshot
: snapshot.getChildren()) {
            String title =
herbalSnapshot.child("title").getValue(String
.class);
            String description =
herbalSnapshot.child("description").getValu
e(String.class);
            String imageUrl =
herbalSnapshot.child("image_url").getValue
(String.class);
            // Buat grup baru untuk setiap tanaman
            LinearLayout.LayoutParams
layoutParams = new
LinearLayout.LayoutParams(ViewGroup.La
youtParams.MATCH_PARENT,
ViewGroup.LayoutParams.WRAP_CONTE
NT);
            layoutParams.setMargins(0, 0,
0, 16); // Menambahkan margin antara setiap
grup
            FrameLayout grup1 = new
FrameLayout(TanamanActivity.this);
            grup1.setLayoutParams(layoutParams);
            // Gambar Tanaman
            FrameLayout.LayoutParams
imageParams = new
FrameLayout.LayoutParams(FrameLayout.L
ayoutParams.MATCH_PARENT, 650);
            ImageView imageView = new
ImageView(TanamanActivity.this);
            imageView.setLayoutParams(imageParams);
            imageView.setScaleType(ImageView.Scale
Type.FIT_XY);
            // Show ProgressBar while
loading image
            progressBar.setVisibility(View.VISIBLE);
            Glide.with(TanamanActivity.this)
                .load(imageUrl)
                .placeholder(R.drawable.default_image22)

```

```

                .into(new
CustomTarget<Drawable>() {
                    @Override
                    public void
onLoadStarted(@Nullable Drawable
placeholder) {
                        // Show progress bar if needed
                        progressBar.setVisibility(View.VISIBLE);
                        imageView.setImageDrawable(placeholder);
                    }
                    @Override
                    public void
onLoadFailed(@Nullable Drawable
errorDrawable) {
                        // Hide progress bar if load failed
                        progressBar.setVisibility(View.GONE);
                        imageView.setImageDrawable(errorDrawabl
e);
                    }
                    @Override
                    public void
onResourceReady(@NonNull Drawable
resource, @Nullable Transition<? super
Drawable> transition) {
                        // Hide progress bar when image is loaded
                        progressBar.setVisibility(View.GONE)
                        imageView.setImageDrawable(resource);
                    }
                    @Override
                    public void
onLoadCleared(@Nullable Drawable
placeholder) {
                        // Handle cleanup if needed
                        imageView.setImageDrawable(placeholder);
                    }
                });

            // Judul Tanaman
            FrameLayout.LayoutParams
titleParams = new
FrameLayout.LayoutParams(FrameLayout.L
ayoutParams.WRAP_CONTENT,

```

```

FrameLayout.LayoutParams.WRAP_CONT
ENT);
        titleParams.gravity =
Gravity.BOTTOM | Gravity.START;
        titleParams.setMargins(50, 0, 0,
50);
        TextView titleTextView = new
TextView(TanamanActivity.this);

titleTextView.setLayoutParams(titleParams)
;
titleTextView.setBackgroundResource(R.dra
wable.blue_background);
        titleTextView.setText(title);
        titleTextView.setPadding(15, 0,
15, 0);
        titleTextView.setTextSize(20);
        titleTextView.setTypeface(null,
Typeface.BOLD_ITALIC);
        // Grup untuk deskripsi tanaman
        FrameLayout.LayoutParams
deskripsiParams = new
FrameLayout.LayoutParams(FrameLayout.L
ayoutParams.MATCH_PARENT,
FrameLayout.LayoutParams.WRAP_CONT
ENT);
        deskripsiParams.setMargins(5,
5, 5, 50);
        TextView descriptionTextView
= new TextView(TanamanActivity.this);
descriptionTextView.setLayoutParams(deskr
ipsiParams);
descriptionTextView.setBackgroundResourc
e(R.drawable.bg_bingkai);

descriptionTextView.setGravity(Gravity.ST
ART);
descriptionTextView.setPadding(30, 30, 30,
30);
descriptionTextView.setText(description);
// Tambahkan komponen ke dalam grup1
        grup1.addView(imageView);
        grup1.addView(titleTextView);

```

```

        // Tambahkan grup1 ke dalam
tanamanContainer
tanamanContainer.addView(grup1);
        // Tambahkan deskripsi tanaman
ke dalam tanamanContainer
tanamanContainer.addView(descriptionText
View);
    }
}
@Override
public void onCancelled(@NonNull
DatabaseError error) {
    // Menangani error
progressBar.setVisibility(View.GONE); //
Hide ProgressBar if there's an error
}
});

// Mengatur aksi ketika tombol kembali
ditekan
        buttonBack.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        finish(); // Menutup activity saat
tombol kembali ditekan
    }
})

// Mengatur aksi ketika tombol resep ditekan
        buttonResep.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new
Intent(TanamanActivity.this,
ResepActivity.class);
        intent.putExtra("nama_penyakit",
namaPenyakit);
        startActivity(intent);
    }
});
}
}

```

21. Script Java ResepActivity

```
package com.aplikasi.resep;
import androidx.annotation.NonNull;
import
androidx.appcompat.app.AppCompatActivity
y
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.webkit.WebView;
import android.widget.Button;
import android.widget.TextView;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import
com.google.firebase.database.ValueEventLis
tener;
public class ResepActivity extends
AppCompatActivity {
    private WebView webViewYouTube;
    private TextView textViewBahan;
    private TextView textViewRamu;
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_resep);
        webViewYouTube =
findViewById(R.id.webViewYouTube);
        textViewBahan =
findViewById(R.id.textViewBahan);
        textViewRamu =
findViewById(R.id.textViewramu);
```

```
        Button buttonBack =
findViewById(R.id.buttonBack);
        // Menerima data penyakit dari
TanamanActivity
        Intent intent = getIntent();
        String namaPenyakit =
intent.getStringExtra("nama_penyakit")
        // Mengambil data resep dari Firebase
berdasarkan penyakit
        DatabaseReference databaseReference
=
FirebaseDatabase.getInstance().getReference
("penyakit")
        .child(namaPenyakit).child("resep");
        databaseReference.addListenerForSingleVal
ueEvent(new ValueEventListener() {
            @Override
            public void
onDataChange(@NonNull DataSnapshot
snapshot) {
                for (DataSnapshot resepSnapshot :
snapshot.getChildren()) {
                    String bahan =
resepSnapshot.child("bahan").getValue(Strin
g.class);
                    String ramu =
resepSnapshot.child("ramu").getValue(Strin
g.class);
                    String videoLink =
resepSnapshot.child("video").getValue(Strin
g.class)
                    // Tampilkan data resep dalam
TextView
                    textViewBahan.setText(bahan);
                    textViewRamu.setText(ramu);
                    // Tampilkan video tutorial
dalam WebView
                    webViewYouTube.getSettings().setJavaScri
ptEnabled(true);
                    webViewYouTube.loadData("<html><body
```



```

    <iframe width=\"100%\" height=\"100%\"
    src=\"\" + videoLink + \"\" frameborder=\"0\"
    allowfullscreen></iframe></body></html>\",
    \"text/html\", \"utf-8\");
    }
    }
    @Override
    public void onCancelled(@NonNull
DatabaseError error) {
        // Tangani error
    }
}

```

```

    });
    buttonBack.setOnClickListener(new
View.OnClickListener() {
        @Override
        public void onClick(View v) {
            finish(); // Menutup activity saat
tombol kembali ditekan
        }
    });
}
}

```

22. Script Java ProfilActivity

```

package com.aplikasi.resep;
import android.os.Bundle;
import android.widget.TextView;
import
androidx.appcompat.app.AppCompatActivity
public class ProfilActivity extends
AppCompatActivity {
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.profil_activity);
        // Menghubungkan TextView dengan
ID yang ada di layout
        TextView textViewTitle =
findViewById(R.id.textViewTitle);
        TextView textViewSubtitle =
findViewById(R.id.textViewSubtitle);
        TextView textViewDescription =
findViewById(R.id.textViewDescription);
        TextView textViewAuthor =
findViewById(R.id.textViewAuthor);
        TextView textViewEditor =
findViewById(R.id.textViewEditor);
        TextView textViewLayoutCover =
findViewById(R.id.textViewLayoutCover);
        TextView textViewPublisher =

```

```

findViewById(R.id.textViewPublisher);
        TextView textViewEdition =
findViewById(R.id.textViewEdition);
        TextView textViewDetails =
findViewById(R.id.textViewDetails);
        // Mengatur teks yang akan ditampilkan
di TextView
        textViewTitle.setText("1001+plus");
        textViewSubtitle.setText("Resep Obat
Nusantara");
        textViewDescription.setText("Kumpulan
Resep dari bahan-bahan berkhasiat obat
yang ada di Sekitar Kita");
        textViewAuthor.setText("Penulis:\nAbu
Muhammad Fariz Al-Qiyanji");
        textViewEditor.setText("Penyunting:\nTim
Pustaka Unta Merah");
        textViewLayoutCover.setText("Layout
& Cover:\nAbu Nasheer");
        textViewPublisher.setText("Diterbitkan
Oleh:\nPustaka Unta Merah");
        textViewEdition.setText("Cetakan Ke-
1\nSyawal 1443 H / Mei 2022");
        textViewDetails.setText("334 hlm.;
20cm\nISBN 978-602-1668-05-4");
    }
}

```

23. Script Java Recipe

```
package com.aplikasi.resep;
public class Recipe {
    private String bahan;
    private String ramu;
    private String video;
    public Recipe() {
        // Diperlukan untuk Firebase
    }
    public Recipe(String bahan, String ramu,
String video) {
        this.bahan = bahan;
        this.ramu = ramu;
        this.video = video;
    }
    public String getBahan() {
        return bahan;
    }
```

24. Script Java Herbal

```
package com.aplikasi.resep;
public class Herbal {
    private String title;
    private String description;
    private String image_url;
    public Herbal() {
        // Diperlukan untuk Firebase
    }
    public Herbal(String title, String
description, String image_url) {
        this.title = title;
        this.description = description;
        this.image_url = image_url;
    }
    public String getTitle() {
        return title;
    }
    public void setTitle(String title) {
```

```
    }
    public void setBahan(String bahan) {
        this.bahan = bahan;
    }
    public String getRamu() {
        return ramu;
    }
    public void setRamu(String ramu) {
        this.ramu = ramu;
    }
    public String getVideo() {
        return video;
    }
    public void setVideo(String video) {
        this.video = video;
    }
}
```

```
        this.title = title;
    }
    public String getDescription() {
        return description;
    }
    public void setDescription(String
description) {
        this.description = description;
    }
    public String getImage_url() {
        return image_url;
    }
    public void setImage_url(String
image_url) {
        this.image_url = image_url;
    }
}
```

25. Script Java Desease

```
package com.aplikasi.resep;
import java.util.List;
public class Disease {
    private String name;
    private Herbal herbal;
```

```
    private List<Recipe> resep;
    public Disease() {
        // Diperlukan untuk Firebase
    }
```

```

    public Disease(String name, Herbal
herbal, List<Recipe> resep) {
        this.name = name;
        this.herbal = herbal;
        this.resep = resep;
    }
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    = resep;
    }
}

```

```

    public Herbal getHerbal() {
        return herbal;
    }
    public void setHerbal(Herbal herbal) {
        this.herbal = herbal;
    }
    public List<Recipe> getResep() {
        return resep;
    }
    public void setResep(List<Recipe> resep)
{
    this.resep

```

26. Script Java DeseaseAdapter

```

package com.aplikasi.resep;
import android.content.Context;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.TextView;
import java.util.List;
public class DiseaseAdapter extends
ArrayAdapter<Disease> {
    public DiseaseAdapter(Context context,
List<Disease> diseases) {
        super(context, 0, diseases);
    }
}

```

```

@Override
    public View getView(int position, View
convertView, ViewGroup parent) {
        Disease disease = getItem(position);
        if (convertView == null) {
            convertView =
LayoutInflater.from(getContext()).inflate(R.l
ayout.list_item_disease, parent, false);
        }
        TextView nameTextView =
convertView.findViewById(R.id.diseaseNa
me);
        nameTextView.setText(disease.getName());
        return convertView;
    }
}

```

27. Script Java Login

```

package com.aplikasi.resep;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import androidx.annotation.NonNull;

```

```

import
androidx.appcompat.app.AppCompatActivity;
import
com.aplikasi.resep.admin.PenyakitListActivi
ty;
import
com.google.firebase.database.DataSnapshot;

```

```

import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import
com.google.firebase.database.ValueEventLis
tener;
public class login extends
AppCompatActivity {
    private EditText editTextUsername,
    editTextPassword;
    private Button buttonLogin;
    private FirebaseDatabase mDatabase;
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login)
        // Inisialisasi Firebase Database
        mDatabase =
        FirebaseDatabase.getInstance();
        // Inisialisasi views
        editTextUsername =
        findViewById(R.id.loginusername);
        editTextPassword =
        findViewById(R.id.loginpassword);
        buttonLogin =
        findViewById(R.id.btnMasuk);
        // Set onClickListener untuk tombol
        Login
        buttonLogin.setOnClickListener(new
        View.OnClickListener() {
            @Override
            public void onClick(View v) {
                final String username =
                editTextUsername.getText().toString().trim()
                ;
                final String password =
                editTextPassword.getText().toString().trim()
                ;
                editTextUsername.setText("");
                editTextPassword.setText("");
            }
        });
    }
}

```

```

// Mendapatkan referensi ke
database Firebase
DatabaseReference usersRef =
mDatabase.getReference("users");
DatabaseReference adminsRef =
mDatabase.getReference("admin");
// Cek di node users
usersRef.addListenerForSingleValueEvent(n
ew ValueEventListener() {
    @Override
    public void
onDataChange(@NonNull DataSnapshot
dataSnapshot) {
        boolean isUserFound = false;
        // Loop melalui semua
        pengguna di node users
        for (DataSnapshot snapshot :
        dataSnapshot.getChildren()) {
            User user =
            snapshot.getValue(User.class);
            if (user != null &&
            user.getUsername().equals(username) &&
            user.getPassword().equals(password)) {
                isUserFound = true;
                break;
            }
        }
        if (isUserFound) {
            // Login berhasil untuk
            pengguna biasa
            Toast.makeText(login.this,
            "Login berhasil",
            Toast.LENGTH_SHORT).show();
            startActivity(new
            Intent(login.this, home.class));
            finish();
        } else {
            // Cek di node admins jika
            tidak ditemukan di users
            adminsRef.addListenerForSingleValueEvent
            (new ValueEventListener() {
                @Override
                public void
                onDataChange(@NonNull DataSnapshot
                dataSnapshot) {
                    boolean

```

```

isAdminFound = false;
// Loop melalui semua admin di node admins
for (DataSnapshot
snapshot : dataSnapshot.getChildren()) {
    Admin admin =
snapshot.getValue(Admin.class);
    if (admin != null
&& admin.getUsername().equals(username)
&& admin.getPassword().equals(password))
    {
        isAdminFound = true;
        break;
    }
    if (isAdminFound) {
        // Login berhasil untuk admin

Toast.makeText(login.this, "Login sebagai
admin berhasil",
Toast.LENGTH_SHORT).show();
        // Ubah ke
AddPenyakitActivity
        startActivity(new
Intent(login.this,
PenyakitListActivity.class));
        finish();
    } else {
        // Login gagal,
tampilkan pesan kesalahan
Toast.makeText(login.this, "Login gagal:
Username atau password salah",
Toast.LENGTH_SHORT).show();
    }
}
@Override
public void
onCancelled(@NonNull DatabaseError

```

```

databaseError) {
    // Tampilkan pesan
kesalahan jika terjadi kesalahan database
Toast.makeText(login.this, "Gagal
mengakses database: " +
databaseError.getMessage(),
Toast.LENGTH_SHORT).show();
}
});
@Override
public void
onCancelled(@NonNull DatabaseError
databaseError) {
    // Tampilkan pesan kesalahan
jika terjadi kesalahan database
    Toast.makeText(login.this,
"Gagal mengakses database: " +
databaseError.getMessage(),
Toast.LENGTH_SHORT).show();
}
});
Button keluar =
findViewById(R.id.btnTutup);
keluar.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        finish();
    }
});
}
}

```

28. Script Java Admin

```

package com.aplikasi.resep;
public class Admin {
    private String username;
    private String password;
    public Admin() {
        // Default constructor required for calls
to DataSnapshot.getValue(Admin.class)

```

```

    }
    public Admin(String username, String
password) {
        this.username = username;
        this.password = password;
    }
    public String getUsername() {

```

```

        return username;
    }

    public void setUsername(String
username) {
        this.username = username;
    }
    public String getPassword() {
        return password;
    }
}

```

29. Script Java Add PenyakitActivity

```

package com.aplikasi.resep;
import android.os.Bundle;
import android.text.TextUtils;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;

import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
import java.util.Map;
public class AddPenyakitActivity extends
AppCompatActivity {
    private EditText editTextDiseaseName,

```

```

        public void setPassword(String password)
{
        this.password = password;
    }
}

```

```

        editTextHerbalTitle,
        editTextHerbalDescription,
        editTextHerbalImageUrl,
        editTextRecipeIngredients,
        editTextRecipeInstructions,
        editTextRecipeVideoUrl;
    private Button buttonAddData;
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_add_disease);
        // Inisialisasi EditText dan Button
        editTextDiseaseName =
findViewById(R.id.editTextDiseaseName);
        editTextHerbalTitle =
findViewById(R.id.editTextHerbalTitle);
        editTextHerbalDescription =
findViewById(R.id.editTextHerbalDescription);
        editTextHerbalImageUrl =
findViewById(R.id.editTextHerbalImageUrl);
        editTextRecipeIngredients =
findViewById(R.id.editTextRecipeIngredients);
        editTextRecipeInstructions =
findViewById(R.id.editTextRecipeInstructions);
        editTextRecipeVideoUrl =

```

```

findViewById(R.id.editTextRecipeVideoUrl)
;
    buttonAddData =
findViewById(R.id.buttonAddData);
    // Menambahkan listener onClick pada
tombol "Tambah Data"
    buttonAddData.setOnClickListener(new
View.OnClickListener() {
        @Override
        public void onClick(View v) {
            // Mengambil nilai input dari
EditText
            String diseaseName =
editTextDiseaseName.getText().toString().trim();
            String herbalTitle =
editTextHerbalTitle.getText().toString().trim();
            String herbalDescription =
editTextHerbalDescription.getText().toString().trim();
            String herbalImageUrl =
editTextHerbalImageUrl.getText().toString().trim();
            String recipeIngredients =
editTextRecipeIngredients.getText().toString().trim();
            String recipeInstructions =
editTextRecipeInstructions.getText().toString().trim();
            String recipeVideoUrl =
editTextRecipeVideoUrl.getText().toString().trim();
            // Validasi input
            if
(TextUtils.isEmpty(diseaseName) ||
TextUtils.isEmpty(herbalTitle) ||
TextUtils.isEmpty(herbalDescription) ||
TextUtils.isEmpty(herbalImageUrl) ||
TextUtils.isEmpty(recipeIngredients) ||
TextUtils.isEmpty(recipeInstructions) ||
TextUtils.isEmpty(recipeVideoUrl)) {
                Toast.makeText(AddPenyakitActivity.this,

```

```

"Harap lengkapi semua bidang",
Toast.LENGTH_SHORT).show();
                return;
            }
            // Membuat objek data untuk
menyimpan informasi herbal dan resep
            Map<String, Object> data = new
HashMap<>();
            // Membuat list untuk menyimpan
informasi herbal
            List<Map<String, String>>
herbalList = new ArrayList<>();
            // Menambahkan informasi herbal
pertama
            Map<String, String> herbal1 =
new HashMap<>();
            herbal1.put("title", herbalTitle);
            herbal1.put("description",
herbalDescription);
            herbal1.put("image_url",
herbalImageUrl);
            herbalList.add(herbal1);
            // Menambahkan list herbal ke
dalam objek data
            data.put("herbal", herbalList);
            // Membuat list untuk menyimpan
informasi resep
            List<Map<String, String>>
recipeList = new ArrayList<>();
            // Menambahkan informasi resep
pertama
            Map<String, String> recipe = new
HashMap<>();
            recipe.put("bahan",
recipeIngredients);
            recipe.put("ramu",
recipeInstructions);
            recipe.put("video",
recipeVideoUrl);
            recipeList.add(recipe);
            // Menambahkan list resep ke
dalam objek data
            data.put("resep", recipeList);

```

```

        finish(); // Menutup
        activity setelah data berhasil ditambahkan
    }
})
    .addOnFailureListener(new
OnFailureListener() {
        @Override
        public void
onFailure(@NonNull Exception e) {
            // Gagal menyimpan data
            Toast.makeText(AddPenyakitActivity.this,
            "Gagal menambahkan data: " +
            e.getMessage(),
            Toast.LENGTH_SHORT).show();
        }
    });
}
});}}

```

```
import
androidx.fragment.app.FragmentTransaction
;
import com.aplikasi.resep.R;
import com.aplikasi.resep.models.Penyakit;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import
com.google.firebase.database.ValueEventLis
tener;
import java.util.ArrayList;
import java.util.List;
public class PenyakitListActivity extends
AppCompatActivity {
    private ListView listView;
```



```

private List<Penyakit> penyakitList;
private List<Penyakit> filteredList; // List
yang difilter
private PenyakitAdapter adapter;
private EditText editTextSearch;
@Override
protected void onCreate(@Nullable
Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.admin_penyakit_li
st);
    listView =
findViewById(R.id.listView_penyakit);
    editTextSearch =
findViewById(R.id.editText_search);
    penyakitList = new ArrayList<>();
    filteredList = new ArrayList<>(); //
Inisialisasi filteredList
    // Ambil data dari Firebase Database
    DatabaseReference databaseReference
=
FirebaseDatabase.getInstance().getReference
("penyakit");
    databaseReference.addValueEventListener(n
ew ValueEventListener() {
        @Override
        public void
onDataChange(@NonNull DataSnapshot
dataSnapshot) {
            penyakitList.clear(); // Bersihkan
list sebelum menambahkan data baru
            for (DataSnapshot snapshot :
dataSnapshot.getChildren()) {
                String namaPenyakit =
snapshot.getKey();
                penyakitList.add(new
Penyakit(namaPenyakit));
            }

            // Setelah menambahkan data,
inisialisasi filteredList dengan seluruh
penyakitList
            filteredList.addAll(penyakitList);

```

```

        // Setelah inisialisasi filteredList,
buat dan atur adapter
        adapter = new
PenyakitAdapter(PenyakitListActivity.this,
filteredList);
        listView.setAdapter(adapter);
    }
    @Override
    public void onCancelled(@NonNull
DatabaseError databaseError) {
        Log.e("FirebaseError", "Error
fetching data", databaseError.toException());
    }
    });
    // Listener untuk menangani klik item
di ListView

    listView.setOnItemClickListener((parent,
view, position, id) -> {
        // Implementasi apa yang terjadi saat
item diklik
        Penyakit penyakit =
filteredList.get(position);
        // Contoh: Buka activity detail untuk
menampilkan detail penyakit yang dipilih
        Intent intent = new
Intent(PenyakitListActivity.this,
DetailPenyakitActivity.class);
        intent.putExtra("nama_penyakit",
penyakit.getNama());
        startActivity(intent);
    });
    // Listener untuk menangani perubahan
teks pada EditText pencarian

    editTextSearch.addTextChangedListener(ne
w TextWatcher() {
        @Override
        public void
beforeTextChanged(CharSequence s, int
start, int count, int after) {
        }
        @Override

```

```

        public void
onTextChanged(CharSequence s, int start,
int before, int count) {
            filter(s.toString());
        }
        @Override
        public void
afterTextChanged(Editable s) {
        }
    });
}
// Method untuk melakukan filter
berdasarkan teks pencarian
private void filter(String text) {
    filteredList.clear();
    if (text.isEmpty()) {
        filteredList.addAll(penyakitList);
    } else {
        text = text.toLowerCase().trim();
        for (Penyakit penyakit : penyakitList)
        {
            if
(penyakit.getNama().toLowerCase().contains(text)) {
                filteredList.add(penyakit);
            }
        }
        adapter.filterList(filteredList); // Update
adapter dengan hasil filter
    }
    // Adapter kustom untuk ListView
    penyakit
    // Adapter kustom untuk ListView
    penyakit
    private static class PenyakitAdapter
extends ArrayAdapter<Penyakit> {

        private Context context;
        private List<Penyakit> penyakitList;
        private List<Penyakit> filteredList; //
List untuk menyimpan hasil filter

```

```

        public PenyakitAdapter(Context
context, List<Penyakit> penyakitList) {
            super(context, 0, penyakitList);
            this.context = context;
            this.penyakitList = penyakitList;
            this.filteredList = new
ArrayList<>(penyakitList); // Inisialisasi
filteredList
        }
        // Method untuk memperbarui
filteredList dan adapter
        public void filterList(List<Penyakit>
filteredList) {
            this.filteredList.clear();
            this.filteredList.addAll(filteredList);
            notifyDataSetChanged();
        }
        @NonNull
        @Override
        public View getView(int position,
@Nullable View convertView, @NonNull
ViewGroup parent) {
            View listItem = convertView;
            if (listItem == null) {
                listItem =
LayoutInflater.from(context).inflate(android.
R.layout.simple_list_item_1, parent, false);
            }
            Penyakit penyakit =
filteredList.get(position); // Ambil item dari
filteredList
            TextView namaPenyakit =
listItem.findViewById(android.R.id.text1);
            namaPenyakit.setText(penyakit.getNama());
            return listItem;
        }
    }
    public void tambahData(View view) {
        FragmentManager fragmentManager =
getSupportFragmentManager();
        FragmentTransaction
fragmentTransaction =
fragmentManager.beginTransaction();

```

```

fragmentTransaction.replace(android.R.id.co
ntent, new TambahPenyakitFragment());

fragmentTransaction.addToBackStack(null);

```

```

        fragmentTransaction.commit();
    }
}

```

31. Script Java TambahPenyakitFragment

```

package com.aplikasi.resep.admin;
import android.os.Bundle;
import android.text.TextUtils;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import androidx.annotation.NonNull;
import androidx.fragment.app.Fragment;

import com.aplikasi.resep.R;
import com.aplikasi.resep.models.Penyakit;
import
com.google.android.gms.tasks.OnFailureList
ener;
import
com.google.android.gms.tasks.OnSuccessLis
tener;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
public class TambahPenyakitFragment
extends Fragment {
    private EditText editTextNama;
    private Button buttonSimpan;
    private DatabaseReference
databaseReference;
    public TambahPenyakitFragment() {
        // Required empty public constructor
    }

```

```

        @Override
        public View onCreateView(LayoutInflater
inflater, ViewGroup container,
            Bundle
savedInstanceState) {
            // Inflate the layout for this fragment
            View view =
inflater.inflate(R.layout.fragment_tambah_p
enyakit, container, false);
            editTextNama =
view.findViewById(R.id.editText_nama_pe
nyakit);
            buttonSimpan =
view.findViewById(R.id.button_simpan);
            databaseReference =
FirebaseDatabase.getInstance().getReference
("penyakit");
            buttonSimpan.setOnClickListener(new
View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    String namaPenyakit =
editTextNama.getText().toString().trim();
                    if
(!TextUtils.isEmpty(namaPenyakit)) {
                        tambahData(namaPenyakit);
                    } else {
                        Toast.makeText(getActivity(),
"Masukkan nama penyakit",
Toast.LENGTH_SHORT).show();
                    }
                }
            });
            return view;
        }
    }
}

```

```

        private void tambahData(String
namaPenyakit) {
            // Simpan data ke Firebase Database
            databaseReference.child(namaPenyakit).set
            Value(new Penyakit(namaPenyakit))
                .addOnSuccessListener(new
OnSuccessListener<Void>() {
                    @Override
                    public void onSuccess(Void
aVoid) {
                        Toast.makeText(getActivity(), "Data
berhasil ditambahkan",
                        Toast.LENGTH_SHORT).show();
                        // Kembali ke activity sebelumnya
                        getActivity().onBackPressed();
                    }
                })
                .addOnFailureListener(new
OnFailureListener() {
                    @Override

```

32. Script Java DetailPenyakitActivity

```

package com.aplikasi.resep.admin;
import android.content.Intent;
import android.os.Bundle;
import android.util.Log;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Button;
import android.widget.TextView;
import android.widget.Toast;
import androidx.annotation.NonNull;
import
androidx.appcompat.app.AppCompatActivity;
import
androidx.recyclerview.widget.LinearLayoutManager;
import
androidx.recyclerview.widget.RecyclerView;
;
import com.aplikasi.resep.R;

```

```

        public void
onFailure(@NonNull Exception e) {

            Toast.makeText(getActivity(), "Gagal
menambahkan data: " + e.getMessage(),
            Toast.LENGTH_SHORT).show();
        }
    });
}
}

```

```

import
com.google.android.material.floatingactionb
utton.FloatingActionButton;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import
com.google.firebase.database.ValueEventLis
tener;
import java.util.ArrayList;
import java.util.List;
import java.util.Map;
public class DetailPenyakitActivity extends
AppCompatActivity {

```

```

        private RecyclerView
recyclerViewHerbal;
        private RecyclerView recyclerViewResep;
        private FloatingActionButton
btnTambahData;
        private List<Map<String, String>>
herbalList = new ArrayList<>();
        private List<DataSnapshot>
resepListSnapshot = new ArrayList<>();
        private String namaPenyakit;
        @Override
        protected void onCreate(Bundle
savedInstanceState) {
            super.onCreate(savedInstanceState);
            setContentView(R.layout.admin_detail_pen
yakit);
            recyclerViewHerbal =
findViewById(R.id.recyclerview_herbal);
            recyclerViewResep =
findViewById(R.id.recyclerview_resep);
            btnTambahData =
findViewById(R.id.btn_tambah_data); //
Menggunakan FloatingActionButton
recyclerViewHerbal.setLayoutManager(new
LinearLayoutManager(this));
            recyclerViewResep.setLayoutManager(new
LinearLayoutManager(this));
            Intent intent = getIntent();
            namaPenyakit =
intent.getStringExtra("nama_penyakit");
            if (namaPenyakit != null) {
                DatabaseReference penyakitRef =
FirebaseDatabase.getInstance().getReference
("penyakit").child(namaPenyakit);
                penyakitRef.addValueEventListener(new
ValueEventListener() {
                    @Override
                    public void
onDataChange(@NonNull DataSnapshot
dataSnapshot) {
                        if (dataSnapshot.exists()) {
                            herbalList.clear();
                            resepListSnapshot.clear();

```

```

// Ambil data herbal
DataSnapshot herbalSnapshot
= dataSnapshot.child("herbal");
        for (DataSnapshot herbalData
: herbalSnapshot.getChildren()) {
            Map<String, String> herbal
= (Map<String, String>)
herbalData.getValue();
            herbalList.add(herbal);
        }
// Ambil data resep
DataSnapshot resepSnapshot
= dataSnapshot.child("resep");
        for (DataSnapshot resepData :
resepSnapshot.getChildren()) {
            resepListSnapshot.add(resepData);
        }
// Set adapter untuk herbal
HerbalAdapter herbalAdapter
= new HerbalAdapter(herbalList);
recyclerViewHerbal.setAdapter(herbalAdapt
er);

// Set adapter untuk resep
ResepAdapter resepAdapter =
new ResepAdapter(resepListSnapshot);
recyclerViewResep.setAdapter(resepAdapter
);
    }
}
@Override
public void
onCancelled(@NonNull DatabaseError
databaseError) {
    Toast.makeText(DetailPenyakitActivity.this,
"Gagal mengambil data penyakit: " +
databaseError.getMessage(),
Toast.LENGTH_SHORT).show();
}
});
}
}

public void tambahData(View view) {

```

```

        Intent intent = new
        Intent(DetailPenyakitActivity.this,
        InputFormActivity.class);
        intent.putExtra("nama_penyakit",
        namaPenyakit);
        startActivity(intent);
    }
    // Adapter untuk herbal
    private class HerbalAdapter extends
    RecyclerView.Adapter<HerbalAdapter.Vie
    wHolder> {
        private List<Map<String, String>>
        herbalList;
        public
        HerbalAdapter(List<Map<String, String>>
        herbalList) {
            this.herbalList = herbalList;
        }
        @NonNull
        @Override
        public ViewHolder
        onCreateViewHolder(@NonNull
        ViewGroup parent, int viewType) {
            View view =
            LayoutInflater.from(parent.getContext()).infl
            ate(R.layout.item_herbal, parent, false);
            return new ViewHolder(view);
        }
        @Override
        public void
        onBindViewHolder(@NonNull ViewHolder
        holder, int position) {
            Map<String, String> herbal =
            herbalList.get(position);
            holder.tvHerbal.setText(herbal.get("title"));
            holder.btnEdit.setOnClickListener(v
            -> {
                // Aksi saat tombol Edit di-klik
                Intent intentEditHerbal = new
                Intent(v.getContext(),
                EditHerbalActivity.class);
                intentEditHerbal.putExtra("nama_penyakit",
                getIntent().getStringExtra("nama_penyakit")

```

```

            );
            intentEditHerbal.putExtra("nama_herbal",
            herbal.get("title"));
            v.getContext().startActivity(intentEditHerbal
            );
            Log.d("DetailPenyakitActivity",
            "Nama Penyakit: " +
            getIntent().getStringExtra("nama_penyakit")
            );
            Log.d("DetailPenyakitActivity",
            "Nama Herbal: " + herbal.get("title"));
        });
    }
    @Override
    public int getItemCount() {
        return herbalList.size();
    }
    public class ViewHolder extends
    RecyclerView.ViewHolder {
        TextView tvHerbal;
        Button btnEdit;
        public ViewHolder(View itemView)
        {
            super(itemView);
            tvHerbal =
            itemView.findViewById(R.id.tv_herbal);
            btnEdit =
            itemView.findViewById(R.id.btn_edit_herb
            al);
        }
    }
    // Adapter untuk resep
    private class ResepAdapter extends
    RecyclerView.Adapter<ResepAdapter.View
    Holder> {
        private List<DataSnapshot>
        resepListSnapshot;
        public
        ResepAdapter(List<DataSnapshot>
        resepListSnapshot) {
            this.resepListSnapshot =
            resepListSnapshot;

```

```

    }
    @NonNull
    @Override
    public ViewHolder
onCreateViewHolder(@NonNull
 ViewGroup parent, int viewType) {
        View view =
LayoutInflater.from(parent.getContext()).infl
ate(R.layout.item_resep, parent, false);
        return new ViewHolder(view);
    }
    @Override
    public void
onBindViewHolder(@NonNull ViewHolder
holder, int position) {
        DataSnapshot resepSnapshot =
resepListSnapshot.get(position);
        Map<String, String> resep =
(Map<String, String>)
resepSnapshot.getValue(); // Retrieve resep
data from DataSnapshot
holder.tvResep.setText(resep.get("bahan"));
holder.btnEdit.setOnClickListener(v
-> {
            // Aksi saat tombol Edit di-klik
            Intent intentEditResep = new
Intent(v.getContext(),
EditResepActivity.class);
            intentEditResep.putExtra("nama_penyakit",
getIntent().getStringExtra("nama_penyakit")
);
            intentEditResep.putExtra("resep_key",
resepSnapshot.getKey()); // Pass the unique
key associated with this resep

```

```

v.getContext().startActivity(intentEditResep
);
        Log.d("DetailPenyakitActivity",
"Nama Penyakit: " +
getIntent().getStringExtra("nama_penyakit")
);
        Log.d("DetailPenyakitActivity",
"Resep Key: " + resepSnapshot.getKey());
    });
    }
    @Override
    public int getItemCount() {
        return resepListSnapshot.size();
    }
    public class ViewHolder extends
RecyclerView.ViewHolder {
        TextView tvResep;
        Button btnEdit; // Tombol edit untuk
resep
        public ViewHolder(View itemView)
{
            super(itemView);
            tvResep =
itemView.findViewById(R.id.tv_resep);
            btnEdit =
itemView.findViewById(R.id.btn_edit_rese
p); // Sesuaikan id btn_edit_resep dengan id
tombol edit pada layout item_resep.xml
        }
    }
    public void pressback(View view){
        onBackPressed();
    }
}

```

33. Script Java HomeAdminActivity

```

package com.aplikasi.resep.admin;
import android.os.Bundle;
import android.widget.ArrayAdapter;
import android.widget.ListView;

```

```

import
androidx.appcompat.app.AppCompatActivity;
import com.aplikasi.resep.R;

```

```

import
com.google.firebase.database.DatabaseRefer
ence;
import java.util.ArrayList;
public class homeAdminActivity extends
AppCompatActivity {
    private ListView listView;
    private ArrayAdapter<String> adapter;
    private ArrayList<String> penyakitList;

```

```

    private DatabaseReference
databaseReference;
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home_ad
min);
    }
}

```

34. Script Java InputFromActivity

```

package com.aplikasi.resep.admin;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.Button;
import android.widget.EditText;
import android.widget.LinearLayout;
import android.widget.Spinner;
import android.widget.Toast;
import
androidx.appcompat.app.AppCompatActivity;
import com.aplikasi.resep.R;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import java.util.HashMap;
import java.util.Map;
public class InputFormActivity extends
AppCompatActivity {
    private Spinner spinnerSelectType;
    private LinearLayout formResep,
formHerbal;
    private EditText etResepBahan,
etResepVideo, etHerbalNama, etDeskripsi,
etImageUrl;
    private Button btnSubmit;

```

```

    private String namaPenyakit;
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.admin_input_form
_activity);
        spinnerSelectType =
findViewById(R.id.spinner_select_type);
        formResep =
findViewById(R.id.form_resep);
        formHerbal =
findViewById(R.id.form_herbal);
        etResepBahan =
findViewById(R.id.et_resep_bahan);
        etResepVideo =
findViewById(R.id.et_resep_video);
        etHerbalNama =
findViewById(R.id.et_herbal_nama);
        etDeskripsi =
findViewById(R.id.et_deskripsi);
        etImageUrl =
findViewById(R.id.et_image_url);
        btnSubmit =
findViewById(R.id.btn_submit);
        Intent intent = getIntent();
        namaPenyakit =
intent.getStringExtra("nama_penyakit");
        spinnerSelectType.setOnItemClickListener(new
AdapterView.OnItemClickListener() {

```



```

        @Override
        public void
onItemSelected(AdapterView<?> parent,
View view, int position, long id) {
            String selectedType =
parent.getItemAtPosition(position).toString(
);
            if (selectedType.equals("Resep"))
{
formResep.setVisibility(View.VISIBLE);
formHerbal.setVisibility(View.GONE);
            } else if
(selectedType.equals("Herbal")) {
formResep.setVisibility(View.GONE);
formHerbal.setVisibility(View.VISIBLE);
            }
        }
        @Override
        public void
onNothingSelected(AdapterView<?> parent)
{
            // Do nothing
        }
    });
    btnSubmit.setOnClickListener(v -> {
        String selectedType =
spinnerSelectType.getSelectedItemAtPosition(
0);
        DatabaseReference penyakitRef =
FirebaseDatabase.getInstance().getReference
("penyakit").child(namaPenyakit);
        if (selectedType.equals("Resep")) {
            String bahan =
etResepBahan.getText().toString().trim();
            String video =
etResepVideo.getText().toString().trim();
            if (!bahan.isEmpty() &&
!video.isEmpty()) {
                Map<String, String> resepData
= new HashMap<>();
                resepData.put("bahan", bahan);
                resepData.put("video", video);
                penyakitRef.child("resep").push().setValue(r

```

```

esepData)
.addOnCompleteListener(task -> {
            if (task.isSuccessful()) {
                Toast.makeText(InputFormActivity.this,
                "Resep berhasil ditambahkan",
                Toast.LENGTH_SHORT).show();
                finish();
            } else {
                Toast.makeText(InputFormActivity.this,
                "Gagal menambah resep",
                Toast.LENGTH_SHORT).show();
            }
        });
        } else {
            Toast.makeText(InputFormActivity.this,
            "Harap isi semua kolom resep",
            Toast.LENGTH_SHORT).show();
        }
    } else if
(selectedType.equals("Herbal")) {
        String namaHerbal =
etHerbalNama.getText().toString().trim();
        String deskripsi =
etDeskripsi.getText().toString().trim();
        String imageUrl =
etImageUrl.getText().toString().trim();
        if (!namaHerbal.isEmpty() &&
!deskripsi.isEmpty() &&
!imageUrl.isEmpty()) {
            Map<String, String> herbalData
= new HashMap<>();
            herbalData.put("title",
namaHerbal);
            herbalData.put("description",
deskripsi);
            herbalData.put("image_url",
imageUrl);
            penyakitRef.child("herbal").push().setValue(
herbalData)
.addOnCompleteListener(task -> {
                if (task.isSuccessful()) {
                    Toast.makeText(InputFormActivity.this,

```

```

        "Herbal berhasil ditambahkan",
        Toast.LENGTH_SHORT).show();
        finish();
    } else {
        Toast.makeText(InputFormActivity.this,
        "Gagal menambah herbal",
        Toast.LENGTH_SHORT).show();
    }
    });
    } else {
        Toast.makeText(InputFormActivity.this,

```

```

        "Harap isi semua kolom herbal",
        Toast.LENGTH_SHORT).show();
    }
    });
    }
    public void pressback(View view){
        onBackPressed();
    }
}

```

35. Script Java EditHerbalActivity

```

package com.aplikasi.resep.admin;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import
androidx.appcompat.app.AppCompatActivity;
import com.aplikasi.resep.R;
import
com.google.firebase.database.DataSnapshot;
import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import
com.google.firebase.database.ValueEventLis
tener;
import java.util.Map;
public class EditHerbalActivity extends
AppCompatActivity {
    private EditText etHerbalName;
    private EditText etDescription;
    private EditText etImageUrl;
    private Button btnSave;

```

```

    private Button btnDelete;
    private DatabaseReference herbalRef;
    private String penyakitName;
    private String herbalTitle;
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.admin_edit_herbal
);
        etHerbalName =
findViewById(R.id.et_herbal_name);
        etDescription =
findViewById(R.id.et_description);
        etImageUrl =
findViewById(R.id.et_image_url);
        btnSave =
findViewById(R.id.btn_save);
        btnDelete =
findViewById(R.id.btn_delete);
        penyakitName =
getIntent().getStringExtra("nama_penyakit")
;
        herbalTitle =
getIntent().getStringExtra("nama_herbal");
        if (penyakitName == null || herbalTitle
== null) {
            Toast.makeText(this, "Nama
penyakit atau herbal tidak ditemukan",
Toast.LENGTH_SHORT).show();

```

```

        finish();
    }
    herbalRef =
FirebaseDatabase.getInstance().getReference
()
.child("penyakit").child(penyakitName).chil
d("herbal");
    // Ambil data spesifik herbal
    berdasarkan herbalTitle
    herbalRef.orderByChild("title").equalTo(her
balTitle).addListenerForSingleValueEvent(n
ew ValueEventListener() {
        @Override
        public void
onDataChange(DataSnapshot dataSnapshot)
{
            if (dataSnapshot.exists()) {
                for (DataSnapshot
herbalSnapshot :
dataSnapshot.getChildren()) {
                    Map<String, String>
herbalData = (Map<String, String>)
herbalSnapshot.getValue();
                    String description =
herbalData.get("description");
                    String imageUrl =
herbalData.get("image_url");
                    etHerbalName.setText(herbalTitle);
                    etDescription.setText(description);
                    etImageUrl.setText(imageUrl);
                }
            } else {
                Toast.makeText(EditHerbalActivity.this,
                "Data herbal tidak ditemukan",
                Toast.LENGTH_SHORT).show();
                finish();
            }
        }
        @Override
        public void
onCancelled(DatabaseError databaseError) {
            Toast.makeText(EditHerbalActivity.this,
            "Gagal mengambil data herbal: " +

```

```

databaseError.getMessage(),
Toast.LENGTH_SHORT).show();
        finish();
    }
});
    btnSave.setOnClickListener(v ->
saveHerbalDescription());
    btnDelete.setOnClickListener(v ->
deleteHerbalData());
}
    private void saveHerbalDescription() {
        String description =
etDescription.getText().toString().trim();
        String imageUrl =
etImageUrl.getText().toString().trim();
        // Membuat map untuk menyimpan data
yang akan diupdate
        if (description.isEmpty() &&
imageUrl.isEmpty()) {
            Toast.makeText(this, "Tidak ada
perubahan untuk disimpan",
            Toast.LENGTH_SHORT).show();
            return;
        }
        // Update data di Firebase
        herbalRef.orderByChild("title").equalTo(her
balTitle).addListenerForSingleValueEvent(n
ew ValueEventListener() {
            @Override
            public void
onDataChange(DataSnapshot dataSnapshot)
{
                if (dataSnapshot.exists()) {
                    for (DataSnapshot
herbalSnapshot :
dataSnapshot.getChildren()) {
                        if (!description.isEmpty()) {
                            herbalSnapshot.getRef().child("description")
                            .setValue(description);
                        }
                    }
                }
            }
        }
    }
}

```

```

        if (!imageUrl.isEmpty()) {
herbalSnapshot.getRef().child("image_url").
setValue(imageUrl);
        }
Toast.makeText(EditHerbalActivity.this,
"Data herbal berhasil diupdate",
Toast.LENGTH_SHORT).show();
        finish();
    }
    } else {
Toast.makeText(EditHerbalActivity.this,
"Data herbal tidak ditemukan",
Toast.LENGTH_SHORT).show();
    }
}
@Override
public void
onCancelled(DatabaseError databaseError) {
Toast.makeText(EditHerbalActivity.this,
"Gagal mengupdate data herbal: " +
databaseError.getMessage(),
Toast.LENGTH_SHORT).show();
    finish();
}
});
}
private void deleteHerbalData() {
    // Hapus data dari Firebase
herbalRef.orderByChild("title").equalTo(her
balTitle).addListenerForSingleValueEvent(n
ew ValueEventListener() {
    @Override
    public void
onDataChange(DataSnapshot dataSnapshot)
{

```

36. Script Java EditResepActivity

```

package com.aplikasi.resep.admin;
import android.os.Bundle;
import android.text.TextUtils;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

```

```

        if (dataSnapshot.exists()) {
            for (DataSnapshot
herbalSnapshot :
dataSnapshot.getChildren()) {
                herbalSnapshot.getRef().removeValue();
                Toast.makeText(EditHerbalActivity.this,
                "Data herbal dihapus",
                Toast.LENGTH_SHORT).show();
                finish();
            }
        }
        } else {
            Toast.makeText(EditHerbalActivity.this,
            "Data herbal tidak ditemukan",
            Toast.LENGTH_SHORT).show();
        }
    }
    @Override
    public void
onCancelled(DatabaseError databaseError) {
        Toast.makeText(EditHerbalActivity.this,
        "Gagal menghapus data herbal: " +
        databaseError.getMessage(),
        Toast.LENGTH_SHORT).show();
        finish();
    }
    });
}
public void onBackPressed(){
    onBackPressed();
}
}

```

```

import android.widget.Toast;
import androidx.annotation.NonNull;
import
androidx.appcompat.app.AppCompatActivity;
import
com.aplikasi.resep.R;
import
com.google.firebase.database.DataSnapshot;

```

```

import
com.google.firebase.database.DatabaseError;
import
com.google.firebase.database.DatabaseRefer
ence;
import
com.google.firebase.database.FirebaseDatab
ase;
import
com.google.firebase.database.ValueEventLis
tener;

public class EditResepActivity extends
AppCompatActivity {
    private EditText etBahan, etRamu,
etVideoUrl;
    private String namaPenyakit, resepKey;
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.admin_edit_resep)
        ;
        // Inisialisasi views
        etBahan =
findViewById(R.id.et_bahan);
        etRamu =
findViewById(R.id.et_ramu);
        etVideoUrl =
findViewById(R.id.et_video_url);
        // Mendapatkan data yang dikirim dari
DetailPenyakitActivity
        namaPenyakit =
getIntent().getStringExtra("nama_penyakit")
        ;
        resepKey =
getIntent().getStringExtra("resep_key");
        // Jika resepKey atau namaPenyakit
null, berikan pesan kesalahan
        if (resepKey == null || namaPenyakit ==
null) {

```

```

        Toast.makeText(this, "Data resep
tidak ditemukan",
Toast.LENGTH_SHORT).show();
        finish(); // Selesai activity
        }
        // Ambil data resep dari Firebase
berdasarkan resepKey
        DatabaseReference resepRef =
FirebaseDatabase.getInstance().getReference
()
        .child("penyakit").child(namaPenyakit).child
("resep").child(resepKey);
        resepRef.addListenerForSingleValueEvent(n
ew ValueEventListener() {
            @Override
            public void
onDataChange(@NonNull DataSnapshot
dataSnapshot) {
                if (dataSnapshot.exists()) {
                    String bahan =
dataSnapshot.child("bahan").getValue(String
.class);
                    String ramu =
dataSnapshot.child("ramu").getValue(String
.class);
                    String videoUrl =
dataSnapshot.child("video").getValue(String
.class);
                    // Set nilai pada EditText
                    etBahan.setText(bahan);
                    etRamu.setText(ramu);
                    etVideoUrl.setText(videoUrl);
                } else {
                    Toast.makeText(EditResepActivity.this,
                    "Data resep tidak ditemukan",
                    Toast.LENGTH_SHORT).show();
                    finish(); // Selesai activity jika
data tidak ditemukan
                }
            }
            @Override
            public void onCancelled(@NonNull
DatabaseError databaseError) {

```

```

Toast.makeText(EditResepActivity.this,
"Gagal mengambil data resep: " +
databaseError.getMessage(),
Toast.LENGTH_SHORT).show();
    }
});
// Aksi saat tombol Simpan diklik
Button btnSave =
findViewById(R.id.btn_save);
btnSave.setOnClickListener(v ->
saveChanges());
// Aksi saat tombol Hapus Data diklik
Button btnDelete =
findViewById(R.id.btn_delete);
btnDelete.setOnClickListener(v ->
deleteData());
}

// Metode untuk menyimpan perubahan
pada resep
private void saveChanges() {
    String bahan =
etBahan.getText().toString().trim();
    String ramu =
etRamu.getText().toString().trim();
    String videoUrl =
etVideoUrl.getText().toString().trim();
    // Validasi input
    if (TextUtils.isEmpty(bahan)) {
        etBahan.setError("Bahan tidak boleh
kosong");
        etBahan.requestFocus();
        return;
    }
    // Simpan perubahan pada Firebase

```

```

DatabaseReference resepRef =
FirebaseDatabase.getInstance().getReference
()
.child("penyakit").child(namaPenyakit).child
("resep").child(resepKey);

resepRef.child("bahan").setValue(bahan);
    resepRef.child("ramu").setValue(ramu);
    resepRef.child("video").setValue(videoUrl);
    // Tampilkan pesan sukses
    Toast.makeText(this, "Perubahan
disimpan",
Toast.LENGTH_SHORT).show();
    // Selesai activity
    finish();
}
// Metode untuk menghapus data resep
private void deleteData() {
    DatabaseReference resepRef =
FirebaseDatabase.getInstance().getReference
(
    .child("penyakit").child(namaPenyakit).child
("resep").child(resepKey);
    resepRef.removeValue(); // Hapus data
dari Firebase
    // Tampilkan pesan sukses
    Toast.makeText(this, "Data resep
dihapus", Toast.LENGTH_SHORT).show();
    // Selesai activity
    finish();
}
public void onBackPressed(){
    onBackPressed();
}
}

```