

mainActivity:

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/mainback"
    tools:context=".MainActivity">

    <LinearLayout
        android:id="@+id/toolBar"
        android:layout_width="wrap_content"
        android:layout_height="63dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentEnd="true"
        android:layout_marginStart="23dp"
        android:layout_marginTop="@dimen/_12sdp"
        android:layout_marginEnd="25dp"
        android:background="@color/white"
        android:gravity="right"
        android:layout_alignParentLeft="true"
        android:layout_alignParentRight="true"
        android:layout_marginLeft="23dp"
        android:layout_marginRight="25dp">

        <TextView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:layout_marginStart="@dimen/_10sdp"
            android:layout_weight="1"
            android:fontFamily="@font/poppins_bold"
            android:text="@string/app_name"
            android:textColor="#2a364e"
            android:textSize="@dimen/_20sdp"
            android:layout_marginLeft="@dimen/_10sdp" />

        <ImageView
            android:id="@+id/logoutimg"
            android:layout_width="@dimen/_26sdp"
            android:layout_height="@dimen/_26sdp"
            android:layout_gravity="center"
            android:layout_marginRight="@dimen/_10sdp"
            android:background="@drawable/logout"
            android:transitionName="loout_img" />

    </LinearLayout>

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/mainUserRecyclerView"
        android:layout_width="376dp"
        android:layout_height="380dp"
        android:layout_below="@id/toolBar"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentEnd="true"
```

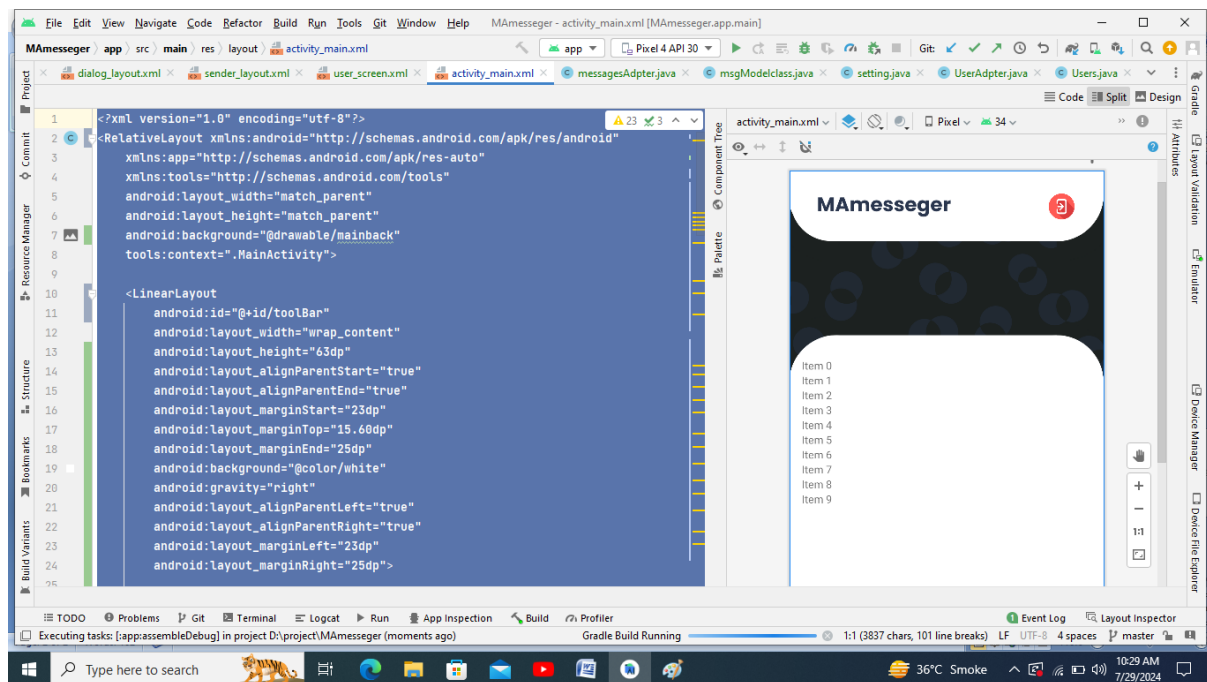
```
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginStart="16dp"
    android:layout_marginLeft="16dp"
    android:layout_marginTop="167dp"
    android:layout_marginEnd="19dp"
    android:layout_marginRight="19dp"
    android:layout_marginBottom="104dp" />
```

```
<ImageView
    android:id="@+id/camBut"
    android:layout_width="47dp"
    android:layout_height="38dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="232dp"
    android:layout_marginRight="232dp"
    android:layout_marginBottom="37dp"
    android:src="@drawable/camera" />
```

```
<ImageView
    android:layout_width="47dp"
    android:layout_height="38dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="176dp"
    android:layout_marginRight="176dp"
    android:layout_marginBottom="36dp"
    android:src="@drawable/chat" />
```

```
<ImageView
    android:id="@+id/settingBut"
    android:layout_width="47dp"
    android:layout_height="38dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="104dp"
    android:layout_marginRight="104dp"
    android:layout_marginBottom="36dp"
    android:src="@drawable/sett" />
```

```
</RelativeLayout>
```



Java Code :

```
package com.example.mamesseger;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import android.annotation.SuppressLint;
import android.app.Dialog;
import android.content.Intent;
import android.os.Bundle;
import android.provider.MediaStore;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;

import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.database.DataSnapshot;
import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.ValueEventListener;

import java.util.ArrayList;

public class MainActivity extends AppCompatActivity{

    FirebaseAuth auth;
    RecyclerView mainUserRecyclerView;
    UserAdpter adapter;
    FirebaseDatabase database;
    ArrayList<Users> usersArrayList;
```

```

ImageView imglogout;
ImageView cumbut, setbut;

@SuppressLint("MissingInflatedId")
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    getSupportActionBar().hide();

    database=FirebaseDatabase.getInstance();
    auth = FirebaseAuth.getInstance();
    cumbut = findViewById(R.id.camBut);
    setbut = findViewById(R.id.settingBut);

    DatabaseReference reference =
database.getReference().child("user");

    usersArrayList = new ArrayList<>();

    mainUserRecyclerView = findViewById(R.id.mainUserRecyclerView);
    mainUserRecyclerView.setLayoutManager(new
LinearLayoutManager(this));
    adapter = new UserAdpter(MainActivity.this, usersArrayList);
    mainUserRecyclerView.setAdapter(adapter);

    reference.addValueEventListener(new ValueEventListener() {
        @Override
        public void onDataChange(@NonNull DataSnapshot snapshot) {
            for (DataSnapshot dataSnapshot: snapshot.getChildren())
            {
                Users users = dataSnapshot.getValue(Users.class);
                usersArrayList.add(users);
            }
            adapter.notifyDataSetChanged();
        }

        @Override
        public void onCancelled(@NonNull DatabaseError error) {

        }
    });
    imglogout = findViewById(R.id.logoutimg);

    imglogout.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Dialog dialog = new
Dialog(MainActivity.this, R.style.dialoge);
            dialog.setContentView(R.layout.dialog_layout);
            Button no, yes;
            yes = dialog.findViewById(R.id.yesbnt);
            no = dialog.findViewById(R.id.nobnt);
            yes.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    FirebaseAuth.getInstance().signOut();
                    Intent intent = new
Intent(MainActivity.this, loginpage.class);
                    startActivity(intent);

```

```

        finish();
    }
});
no.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        dialog.dismiss();
    }
});
dialog.show();
}
});

setbut.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(MainActivity.this,
setting.class);
        startActivity(intent);
    }
});

cumbut.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new
Intent(android.provider.MediaStore.ACTION_IMAGE_CAPTURE);
        startActivityForResult(intent, 10);
    }
});

if (auth.getCurrentUser() == null) {
    Intent intent = new Intent(MainActivity.this, loginpage.class);
    startActivity(intent);
}

}
}

```