To Do list app

Dialog.xml

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout  
 xmlns:tools="<http://schemas.android.com/tools>"  
 xmlns:app="<http://schemas.android.com/apk/res-auto>"  
 xmlns:android="<http://schemas.android.com/apk/res/android>"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="10dp">  
 <EditText  
 android:id="@+id/nameEdit"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/task"  
 android:textSize="20sp"/>  
 </RelativeLayout>  
</RelativeLayout>

Card.xml

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout  
 xmlns:android="<http://schemas.android.com/apk/res/android>"  
 xmlns:app="<http://schemas.android.com/apk/res-auto>"  
 xmlns:tools="<http://schemas.android.com/tools>"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
 <RelativeLayout0  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <androidx.cardview.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="10dp"  
 app:cardCornerRadius="10dp"  
 app:cardElevation="10dp">  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="10dp">  
 <TextView  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/name"  
 android:textColor="#6027B0"  
  
 android:textSize="40sp"/>  
 <Button  
 android:id="@+id/delete"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:text="@string/delete"  
 android:layout\_alignParentRight="true"/>  
  
  
 </RelativeLayout>  
  
 </androidx.cardview.widget.CardView>  
 </RelativeLayout0>  
</RelativeLayout>

Activity.xml

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout  
 xmlns:android="<http://schemas.android.com/apk/res/android>"  
  
 xmlns:app="<http://schemas.android.com/apk/res-auto>"  
 xmlns:tools="<http://schemas.android.com/tools>"  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/title"  
 android:layout\_width="489dp"  
 android:layout\_height="223dp"  
 android:layout\_centerInParent="true"  
 android:text="@string/to\_do\_list\_app\_keep\_track\_of\_all\_your\_tasks"  
  
 android:textSize="48sp"  
 android:textColor="#9B36F4"  
 android:textStyle="bold"/>  
  
 <Button  
 android:id="@+id/add"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginBottom="60dp"  
 android:text="@string/add"  
 android:textSize="44sp" />  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginBottom="80dp"  
 android:scrollbars="none">  
  
  
 <LinearLayout  
 android:id="@+id/container"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"/>  
  
</ScrollView>  
 </RelativeLayout>

Mainactivity.java

package com.example.todolistapp;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import androidx.appcompat.app.AlertDialog;  
import android.content.DialogInterface;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.LinearLayout;  
import android.widget.TextView;  
  
  
public class MainActivity extends AppCompatActivity {  
 Button add;  
 AlertDialog dialog;  
 LinearLayout layout;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 add=findViewById(R.id.*add*);  
 layout=findViewById(R.id.*container*);  
 buildDialog();  
 add.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 dialog.show();  
 }  
 });  
  
  
 }  
 public void buildDialog(){  
 AlertDialog.Builder builder=new AlertDialog.Builder( this);  
 View view=getLayoutInflater().inflate(R.layout.*dialog*,null);  
  
  
 final EditText name=view.findViewById(R.id.*nameEdit*);  
 builder.setView(view);  
 builder.setTitle("Enter your Task")  
 .setPositiveButton("SAVE", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 addCard(name.getText().toString());  
  
 }  
 })  
 .setNegativeButton("Cancel", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
  
 }  
 });  
 dialog=builder.create();  
 }  
 private void addCard(String name){  
 final View view=getLayoutInflater().inflate(R.layout.*card*,null);  
  
 TextView nameView=view.findViewById(R.id.*name*);  
 Button delete=view.findViewById(R.id.*delete*);  
 nameView.setText(name);  
 delete.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 layout.removeView(view);  
 }  
 });  
 layout.addView(view);  
 }  
}