**Arquivos Java**

Permissões

package com.example.appguitarrasfirebase;  
  
import android.app.Activity;  
import android.content.pm.PackageManager;  
import android.os.Build;  
  
import androidx.core.app.ActivityCompat;  
import androidx.core.content.ContextCompat;  
  
import java.util.ArrayList;  
  
public class Permissoes {  
 public static void validarPermissoes(String[] permissoes, Activity activity, int requestCode)  
 {  
 if (Build.VERSION.*SDK\_INT* >=23)  
 {  
 ArrayList<String> listaPermissoes = new ArrayList<>();  
  
 //Verificando permissões já concedidas  
 for (String permissao: permissoes) {  
 boolean temPermissao =  
 ContextCompat.*checkSelfPermission*(activity, permissao)  
 ==  
 PackageManager.*PERMISSION\_GRANTED*;  
 if (!temPermissao) {  
 listaPermissoes.add(permissao);  
 }  
 }  
  
 if (!listaPermissoes.isEmpty())  
 {  
 String[] vetorPermissoes = new String[listaPermissoes.size()];  
 listaPermissoes.toArray(vetorPermissoes);  
 ActivityCompat.*requestPermissions*(activity,vetorPermissoes,requestCode);  
 }  
 }  
 }  
}

MainActivity

package com.example.appguitarrasfirebase;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.content.ContextCompat;  
  
import android.Manifest;  
import android.app.AlertDialog;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.content.pm.PackageManager;  
import android.graphics.Bitmap;  
import android.net.Uri;  
import android.os.Bundle;  
import android.provider.MediaStore;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ImageView;  
import android.widget.Toast;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.storage.StorageReference;  
import com.google.firebase.storage.UploadTask;  
  
import java.io.ByteArrayOutputStream;  
import java.io.IOException;  
  
public class MainActivity extends AppCompatActivity {  
 EditText editTextMarca, editTextModelo, editTextCor;  
 Button buttonInserir;  
 ImageView imageViewGuitarra;  
 String[] permissoes = {Manifest.permission.*CAMERA*,Manifest.permission.*READ\_EXTERNAL\_STORAGE*};  
 private final int CAMERA = 1;  
 private final int GALERIA = 2;  
 AlertDialog.Builder msg;  
 Bitmap bitmap;  
 DatabaseReference databaseReference;  
 StorageReference storageReference;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 msg = new AlertDialog.Builder(MainActivity.this);  
 msg.setNegativeButton("Canvelar",null);  
 msg.setMessage("Você precisa conceder ao menos uma permissão");  
  
 editTextMarca = findViewById(R.id.*editTextMarca*);  
 editTextModelo = findViewById(R.id.*editTextModelo*);  
 editTextCor = findViewById(R.id.*editTextCor*);  
 buttonInserir = findViewById(R.id.*buttonInserir*);  
 imageViewGuitarra = findViewById(R.id.*imageViewGuitarra*);  
  
 imageViewGuitarra.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Permissoes.*validarPermissoes*(permissoes,MainActivity.this,1);  
  
 int permissionGaleria = ContextCompat.*checkSelfPermission*(MainActivity.this, Manifest.permission.*READ\_EXTERNAL\_STORAGE*);  
 int permissionCamera = ContextCompat.*checkSelfPermission*(MainActivity.this, Manifest.permission.*CAMERA*);  
 if (permissionCamera == PackageManager.*PERMISSION\_GRANTED*)  
 {  
 msg.setPositiveButton("Camera", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 Intent intentCamera = new Intent(MediaStore.*ACTION\_IMAGE\_CAPTURE*);  
 startActivityForResult(intentCamera, CAMERA);  
 }  
 });  
 }  
 if (permissionGaleria == PackageManager.*PERMISSION\_GRANTED*)  
 {  
 msg.setNeutralButton("Galeria", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 Intent intentGaleria = new Intent(Intent.*ACTION\_PICK*,MediaStore.Images.Media.*EXTERNAL\_CONTENT\_URI*);  
 startActivityForResult(intentGaleria,GALERIA);  
 }  
 });  
 }  
 if (permissionCamera == PackageManager.*PERMISSION\_GRANTED* && permissionGaleria == PackageManager.*PERMISSION\_GRANTED*)  
 msg.show();  
 }  
 });  
  
 buttonInserir.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String modelo = editTextModelo.getText().toString();  
 String marca = editTextMarca.getText().toString();  
 String cor = editTextCor.getText().toString();  
 String imagem = uploadImagem(marca,modelo,cor);  
  
 DtoGuitarra guitarra = new DtoGuitarra(modelo,marca,cor,imagem);  
  
 databaseReference = ConfFirebase.*getFirebaseDatabase*()  
 .child("guitarras").child(modelo);  
 databaseReference.setValue(guitarra).addOnCompleteListener(new OnCompleteListener<Void>() {  
 @Override  
 public void onComplete(@NonNull Task<Void> task) {  
 if (task.isSuccessful())  
 {  
 Toast.*makeText*(MainActivity.this, "Cadastrado com sucesso", Toast.*LENGTH\_SHORT*).show();  
 Intent intent = new Intent(MainActivity.this, ConsultaActivity.class);  
 startActivity(intent);  
 }  
 else  
 Toast.*makeText*(MainActivity.this, "Falha ao cadastrar: "+task.getException().toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
 });  
  
  
  
 }  
  
 private String uploadImagem(String marca, String modelo, String cor) {  
  
 storageReference = ConfFirebase.*getFirebaseStorage*()  
 .child("imagens").child("guitarras").child(modelo+".JPEG");  
  
 if (bitmap != null)  
 {  
 ByteArrayOutputStream bais = new ByteArrayOutputStream();  
 bitmap.compress(Bitmap.CompressFormat.*JPEG*,80,bais);  
 byte[] bytes = bais.toByteArray();  
  
 UploadTask uploadTask = storageReference.putBytes(bytes);  
 }  
 else  
 Toast.*makeText*(this, "Imagem Não Selecionada!", Toast.*LENGTH\_SHORT*).show();  
  
 return modelo+".JPEG";  
 }  
  
  
 @Override  
 public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) {  
 super.onRequestPermissionsResult(requestCode, permissions, grantResults);  
  
 for (int i = 0; i<permissions.length; i++)  
 {  
 if (permissions[i].equals("android.permission.CAMERA") && grantResults[i]==0)  
 {  
 //Camera ok  
 msg.setPositiveButton("Camera",new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 Intent intentGaleria = new Intent(Intent.*ACTION\_PICK*, MediaStore.Images.Media.*EXTERNAL\_CONTENT\_URI*);  
 startActivityForResult(intentGaleria,GALERIA);  
 }  
 });  
 }  
  
 if (permissions[i].equals("android.permission.READ\_EXTERNAL\_STORAGE") && grantResults[i]==0)  
 {  
 //Galeria ok  
 msg.setNeutralButton("Galeria",new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 Intent intentGaleria = new Intent(Intent.*ACTION\_PICK*,MediaStore.Images.Media.*EXTERNAL\_CONTENT\_URI*);  
 startActivityForResult(intentGaleria,GALERIA);  
 }  
 });  
 }  
 msg.show();  
 }  
 }  
  
  
  
  
 @Override  
 protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {  
 super.onActivityResult(requestCode, resultCode, data);  
 if (resultCode == *RESULT\_OK*)  
 {  
 bitmap = null;  
 if (requestCode == CAMERA)  
 {  
 bitmap = (Bitmap) data.getExtras().get("data");  
 }  
 else if (requestCode == GALERIA)  
 {  
 Uri uri = data.getData();  
 try {  
 bitmap = MediaStore.Images.Media.*getBitmap*(getContentResolver(),uri);  
 } catch (IOException e) {  
 e.printStackTrace();  
 }  
 }  
 else  
 {  
 Toast.*makeText*(this, "Erro ao carregar imagem", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 if (bitmap != null)  
 imageViewGuitarra.setImageBitmap(bitmap);  
 }  
 else  
 {  
 Toast.*makeText*(this, "Erro ao carregar imagem", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
  
}

LoginActivity

package com.example.appguitarrasfirebase;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
  
public class LoginActivity extends AppCompatActivity {  
 FirebaseAuth firebaseAuth;  
  
 @Override  
 public void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_login*);  
  
  
 final EditText editTextEmail = findViewById(R.id.*editTextEmail*);  
 final EditText editTextSenha = findViewById(R.id.*editTextSenha*);  
 final Button buttonLogin = findViewById(R.id.*buttonLogin*);  
 final TextView textViewCadastro = findViewById(R.id.*textViewCadastro*);  
  
  
 textViewCadastro.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(LoginActivity.this, CadastrarUsuarioActivity.class);  
 startActivity(intent);  
 }  
 });  
  
  
 buttonLogin.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 firebaseAuth = ConfFirebase.*getFirebaseAuth*();  
 firebaseAuth.signInWithEmailAndPassword(  
 editTextEmail.getText().toString(),  
 editTextSenha.getText().toString()  
 ).addOnCompleteListener(new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 if(task.isSuccessful()){  
 Intent intent = new Intent(LoginActivity.this, ConsultaActivity.class);  
 startActivity(intent);  
 }  
 else  
 Toast.*makeText*(LoginActivity.this, "Email e/ou senha incorreto(s)!", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
 });  
 }  
}

DtoGuitarras

package com.example.appguitarrasfirebase;  
  
public class DtoGuitarra {  
 private String modelo;  
 private String marca;  
 private String cor;  
 private String imagem;  
  
 public DtoGuitarra(){};  
  
 public DtoGuitarra(String modelo, String marca, String cor, String imagem) {  
 this.modelo = modelo;  
 this.marca = marca;  
 this.cor = cor;  
 this.imagem = imagem;  
 }  
  
 public String getModelo() {  
 return modelo;  
 }  
  
 public void setModelo(String modelo) {  
 this.modelo = modelo;  
 }  
  
 public String getMarca() {  
 return marca;  
 }  
  
 public void setMarca(String marca) {  
 this.marca = marca;  
 }  
  
 public String getCor() {  
 return cor;  
 }  
  
 public void setCor(String cor) {  
 this.cor = cor;  
 }  
  
 public String getImagem() {  
 return imagem;  
 }  
  
 public void setImagem(String imagem) {  
 this.imagem = imagem;  
 }  
  
 @Override  
 public String toString() {  
 return marca+" "+modelo+" "+cor;  
 }  
}

DetalheActivity

package com.example.appguitarrasfirebase;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.content.ContextCompat;  
  
import android.Manifest;  
import android.app.AlertDialog;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.content.pm.PackageManager;  
import android.graphics.Bitmap;  
import android.net.Uri;  
import android.os.Bundle;  
import android.provider.MediaStore;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ImageView;  
import android.widget.Toast;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.OnFailureListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.storage.StorageReference;  
import com.google.firebase.storage.UploadTask;  
import com.squareup.picasso.Picasso;  
  
import java.io.ByteArrayOutputStream;  
import java.io.IOException;  
  
public class DetalhesActivity extends AppCompatActivity {  
 EditText editTextMarca, editTextModelo, editTextCor;  
 Button buttonAlterar;  
 ImageView imageViewGuitarra;  
 String[] permissoes = {Manifest.permission.*CAMERA*,Manifest.permission.*READ\_EXTERNAL\_STORAGE*};  
 private final int CAMERA = 1;  
 private final int GALERIA = 2;  
 AlertDialog.Builder msg;  
 Bitmap bitmap;  
 DatabaseReference databaseReference;  
 StorageReference storageReference;  
 String modelo, marca, cor, imagem;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_detalhes*);  
  
 editTextMarca = findViewById(R.id.*editTextMarca2*);  
 editTextModelo = findViewById(R.id.*editTextModelo2*);  
 editTextCor = findViewById(R.id.*editTextCor2*);  
 imageViewGuitarra = findViewById(R.id.*imageViewGuitarra2*);  
 buttonAlterar = findViewById(R.id.*buttonAlterar*);  
  
 Bundle bundle = getIntent().getExtras();  
 modelo = bundle.getString("modelo");  
 marca = bundle.getString("marca");  
 cor = bundle.getString("cor");  
  
 editTextMarca.setText(marca);  
 editTextModelo.setText(modelo);  
 editTextCor.setText(cor);  
  
 storageReference = ConfFirebase.*getFirebaseStorage*();  
 imagem = bundle.getString("imagem");  
 storageReference = ConfFirebase.*getFirebaseStorage*()  
 .child("imagens").child("guitarras").child(imagem);  
  
  
  
 storageReference.getDownloadUrl().addOnSuccessListener(new OnSuccessListener<Uri>() {  
 @Override  
 public void onSuccess(Uri uri) {  
 Picasso.*get*().load(uri.toString()).into(imageViewGuitarra);  
  
 }  
 }).addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
 Toast.*makeText*(DetalhesActivity.this, e.toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
  
  
  
 buttonAlterar.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 marca = editTextMarca.getText().toString();  
 cor = editTextCor.getText().toString();  
  
 DtoGuitarra guitarra = new DtoGuitarra(modelo,marca,cor,imagem);  
  
 databaseReference = ConfFirebase.*getFirebaseDatabase*()  
 .child("guitarras").child(modelo);  
 databaseReference.setValue(guitarra).addOnCompleteListener(new OnCompleteListener<Void>() {  
 @Override  
 public void onComplete(@NonNull Task<Void> task) {  
 if (task.isSuccessful())  
 {  
 Toast.*makeText*(DetalhesActivity.this, "Alterado com sucesso", Toast.*LENGTH\_SHORT*).show();  
 Intent intent = new Intent(DetalhesActivity.this, ConsultaActivity.class);  
 startActivity(intent);  
 }  
 else  
 Toast.*makeText*(DetalhesActivity.this, "Falha ao alterar: "+task.getException().toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
 });  
  
  
 }  
  
}

CadastrarUsuarioActivity

package com.example.appguitarrasfirebase;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseAuthEmailException;  
import com.google.firebase.auth.FirebaseAuthUserCollisionException;  
import com.google.firebase.auth.FirebaseAuthWeakPasswordException;  
  
public class CadastrarUsuarioActivity extends AppCompatActivity {  
 FirebaseAuth firebaseAuth;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_cadastrar\_usuario*);  
  
 final EditText editTextEmail2 = findViewById(R.id.*editTextEmail2*);  
 final EditText editTextSenha2 = findViewById(R.id.*editTextSenha2*);  
 final Button buttonCadastrarUsuario = findViewById(R.id.*buttonCadastrarUsuario*);  
  
 buttonCadastrarUsuario.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String email = editTextEmail2.getText().toString();  
 String senha = editTextSenha2.getText().toString();  
  
 firebaseAuth = ConfFirebase.*getFirebaseAuth*();  
  
 firebaseAuth.createUserWithEmailAndPassword(email,senha)  
 .addOnCompleteListener(new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 if (task.isSuccessful())  
 {  
 Intent intent = new Intent(  
 CadastrarUsuarioActivity.this, LoginActivity.class);  
  
 }  
 else  
 {  
 try {  
 throw task.getException();  
 } catch (FirebaseAuthWeakPasswordException ex) {  
 Toast.*makeText*(CadastrarUsuarioActivity.this, "Senha Fraca", Toast.*LENGTH\_SHORT*).show();  
 } catch (FirebaseAuthEmailException ex) {  
 Toast.*makeText*(CadastrarUsuarioActivity.this, "Padrão email inválido", Toast.*LENGTH\_SHORT*).show();  
 } catch (FirebaseAuthUserCollisionException ex) {  
 Toast.*makeText*(CadastrarUsuarioActivity.this, "Esse usuário já está cadastrado", Toast.*LENGTH\_SHORT*).show();  
 } catch (Exception ex) {  
 Toast.*makeText*(CadastrarUsuarioActivity.this, ex.getMessage(), Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 }  
 });  
 }  
 });  
 }  
}

ConfFirebase

package com.example.appguitarrasfirebase;  
  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.storage.FirebaseStorage;  
import com.google.firebase.storage.StorageReference;  
  
public class ConfFirebase {  
 private static StorageReference *firebaseStorage*;  
 private static DatabaseReference *firebaseDatabase*;  
 private static FirebaseAuth *firebaseAuth*;  
  
  
  
 public static StorageReference getFirebaseStorage()  
 {  
 if (*firebaseStorage*==null){  
 *firebaseStorage* = FirebaseStorage.*getInstance*().getReference();  
 }  
 return *firebaseStorage*;  
 }  
  
 public static DatabaseReference getFirebaseDatabase()  
 {  
 if (*firebaseDatabase*==null){  
 *firebaseDatabase* = FirebaseDatabase.*getInstance*().getReference();  
 }  
 return *firebaseDatabase*;  
 }  
  
 public static FirebaseAuth getFirebaseAuth()  
 {  
 if (*firebaseAuth*==null){  
 *firebaseAuth* = FirebaseAuth.*getInstance*();  
 }  
 return *firebaseAuth*;  
 }  
}

ConsultaActivity

package com.example.appguitarrasfirebase;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.ListView;  
  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.ValueEventListener;  
  
import java.util.ArrayList;  
  
public class ConsultaActivity extends AppCompatActivity {  
 Button buttonNovaGuitarra;  
 ListView listViewGuitarras;  
 DatabaseReference databaseReference;  
 ArrayList<DtoGuitarra> guitarras;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_consulta*);  
  
 buttonNovaGuitarra = findViewById(R.id.*buttonNovaGuitarra*);  
 listViewGuitarras = findViewById(R.id.*listViewGuitarras*);  
  
  
 guitarras = new ArrayList<DtoGuitarra>();  
  
  
 databaseReference = ConfFirebase.*getFirebaseDatabase*().child("guitarras");  
 databaseReference.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 guitarras.clear();  
 for(DataSnapshot prato : snapshot.getChildren()){  
 guitarras.add(prato.getValue(DtoGuitarra.class));  
 }  
 ArrayAdapter adapter = new ArrayAdapter(  
 ConsultaActivity.this,  
 android.R.layout.*simple\_list\_item\_1*,  
 guitarras);  
 listViewGuitarras.setAdapter(adapter);  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
  
  
 listViewGuitarras.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> parent, View view, int position, long id) {  
 DtoGuitarra guitarra = guitarras.get(position);  
  
 Intent intent = new Intent(ConsultaActivity.this, DetalhesActivity.class);  
  
 intent.putExtra("modelo",guitarra.getModelo());  
 intent.putExtra("marca",guitarra.getMarca());  
 intent.putExtra("cor",guitarra.getCor());  
 intent.putExtra("imagem",guitarra.getImagem());  
  
 startActivity(intent);  
 }  
 });  
  
 listViewGuitarras.setOnItemLongClickListener(new AdapterView.OnItemLongClickListener() {  
 @Override  
 public boolean onItemLongClick(AdapterView<?> parent, View view, int position, long id) {  
  
 DtoGuitarra guitarra = guitarras.get(position);  
 databaseReference = ConfFirebase.*getFirebaseDatabase*()  
 .child("guitarras").child(guitarra.getModelo());  
 databaseReference.removeValue();  
  
 return false;  
 }  
 });  
  
  
  
 buttonNovaGuitarra.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(ConsultaActivity.this, MainActivity.class);  
 startActivity(intent);  
 }  
 });  
  
  
 }  
}