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Curso: **Desenvolvimento Full Stack**Campus: **POLO INDAIATUBA - SP**

Github: https://github.com/SauloHenriqueSantos/M4N3



Missão Pratica | Mundo 4 | Nível 3 RPG0025 - Lidando com sensores em dispositivos móveis

Objetivo:

- 1. Instalação do Android Studio e do emulador;
- 2. Criar um app para Wear OS;
- 3. Executar um app no emulador;
- 4. Fazer capturas de telas no Android Studio;
- 5. Fazer capturas de telas com app complementar.

Resultado Final:

```
Tile Edit Selection View Go Run Terminal Help

∠ M4N3

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                                            ··· J MainActivity.java U 🗙
         > .idea
                                                              package com.example.wear_os;
                                                                import android.content.Context;
           > .gradle
 40
          > .idea
                                                               import android.media.AudioDeviceCallback:

√ app

✓ src\main

                                                       7 import android.media.AudioManager;
8 import android.os.Bundle;
9 import android.speech.RecognitionListen
10 import android.speech.RecognizerIntent;
11 import android.speech.SpeechRecognizer;
                                                               import android.media.AudioManager;

✓ iava\com\example\wear...

            J AudioHelper.java U
                                                                import android.speech.RecognitionListener;
              J MainActivity.java U
J MyAudioDeviceCallback.j... U
                                                                import android.speech.tts.TextToSpeech;
             > res
                                                                import android.util.Log;
import androidx.appcompat.app.AppCompatActivity;
 ø
             AndroidManifest.xml
            gitignore
            🦁 proguard-rules.pro
           > gradle
           gitignore
          ■ build.gradle.kts

≡ gradle.properties

■ gradlew

                                                                    private AudioManager audioManager;
private TextToSpeech textToSpeech;
          gradlew.bat

■ local.properties

                                                                     private SpeechRecognizer speechRecognizer;

■ settings.gradle.kts

         ▶ Relatório.pdf
                                                                          super.onCreate(savedInstanceState);
                                                                          // Inicializa o AudioHelper com o contexto atual
audioHelper = new AudioHelper(this);
                                                                           // Inicializa o AudioManager
audioManager = (AudioManager) getSystemService(Context.AUDIO_SERVICE);
                                                                           textToSpeech = new TextToSpeech(this, status -> {
                                                                                      textToSpeech.setLanguage(Locale.getDefault());
                                                                           // Inicializa o SpeechRecognizer
speechRecognizer = SpeechRecognizer.createSpeechRecognizer(this);
speechRecognizer.setRecognitionListener(new RecognitionListener() {
       > OUTLINE
       > TIMELINE
       > JAVA PROJECTS
```



