



# DIGITAL PRODUCT DESIGN

CURSO ONLINE  
COORDENADO POR  
THIAGO BARCELOS

MÓDULO 24.2

# **Características dos dispositivos móveis - Pt. 1**

# Agenda

- Características intrínsecas de um sistema operacional móvel
- Como tirar o melhor proveito de funcionalidades nativas de um dispositivo móvel

**A TELA DO  
DISPOSITIVO & O  
FRAME DO FIGMA**

# Formato

iOS

iPhone 8

375 x 667 px

iPhone 14

390 x 884 px

Android

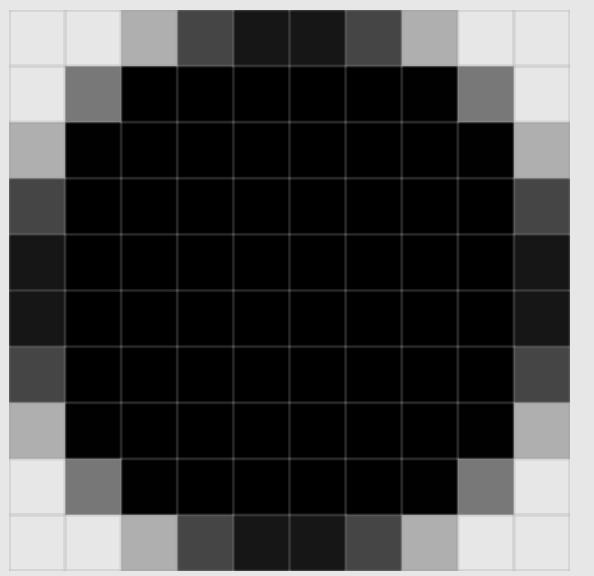
Small

360 x 640 px

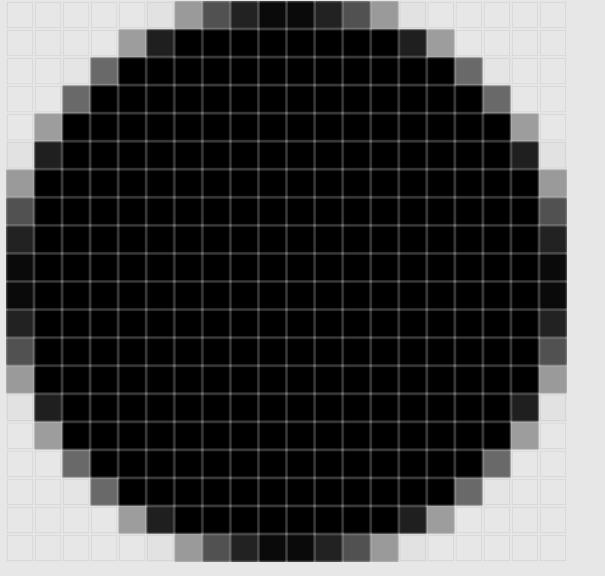
Large

360 x 800 px

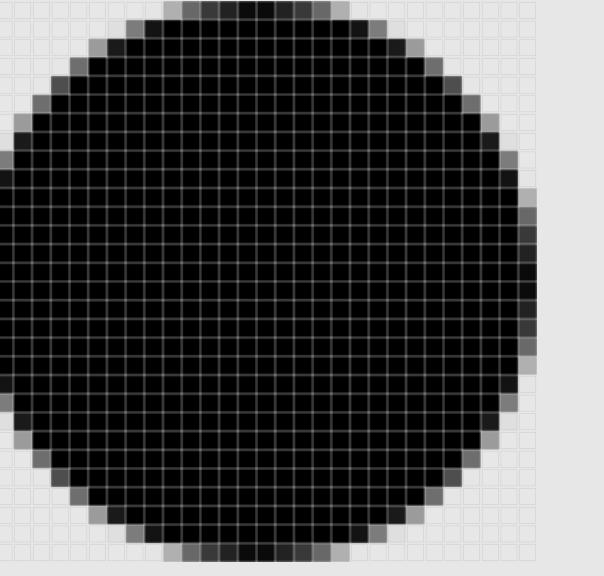
# Densidade de pixels



1x (10x10 px)



2x (20x20 px)

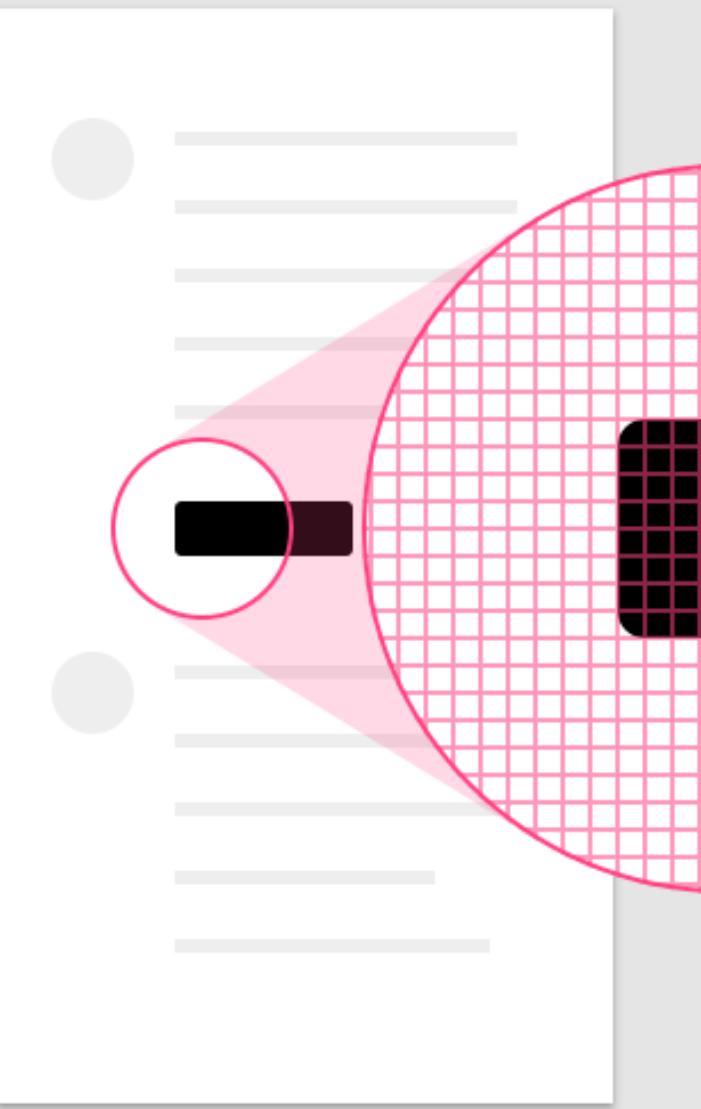
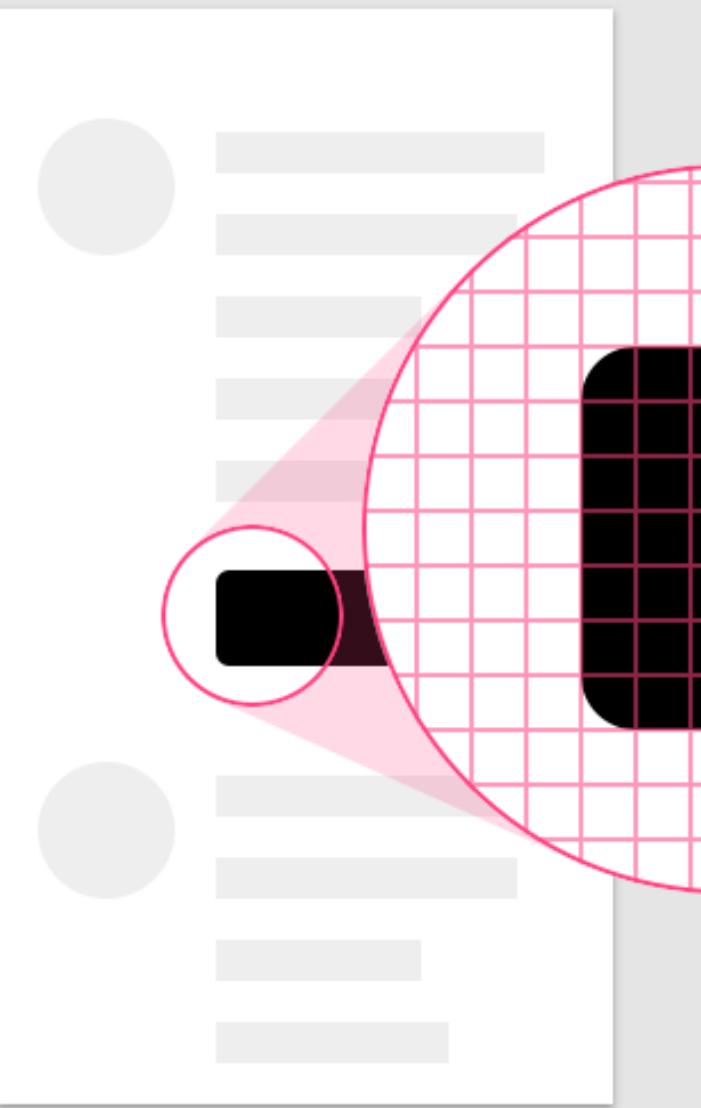


3x (30x30 px)

Resolução baixa

—————

Resolução alta

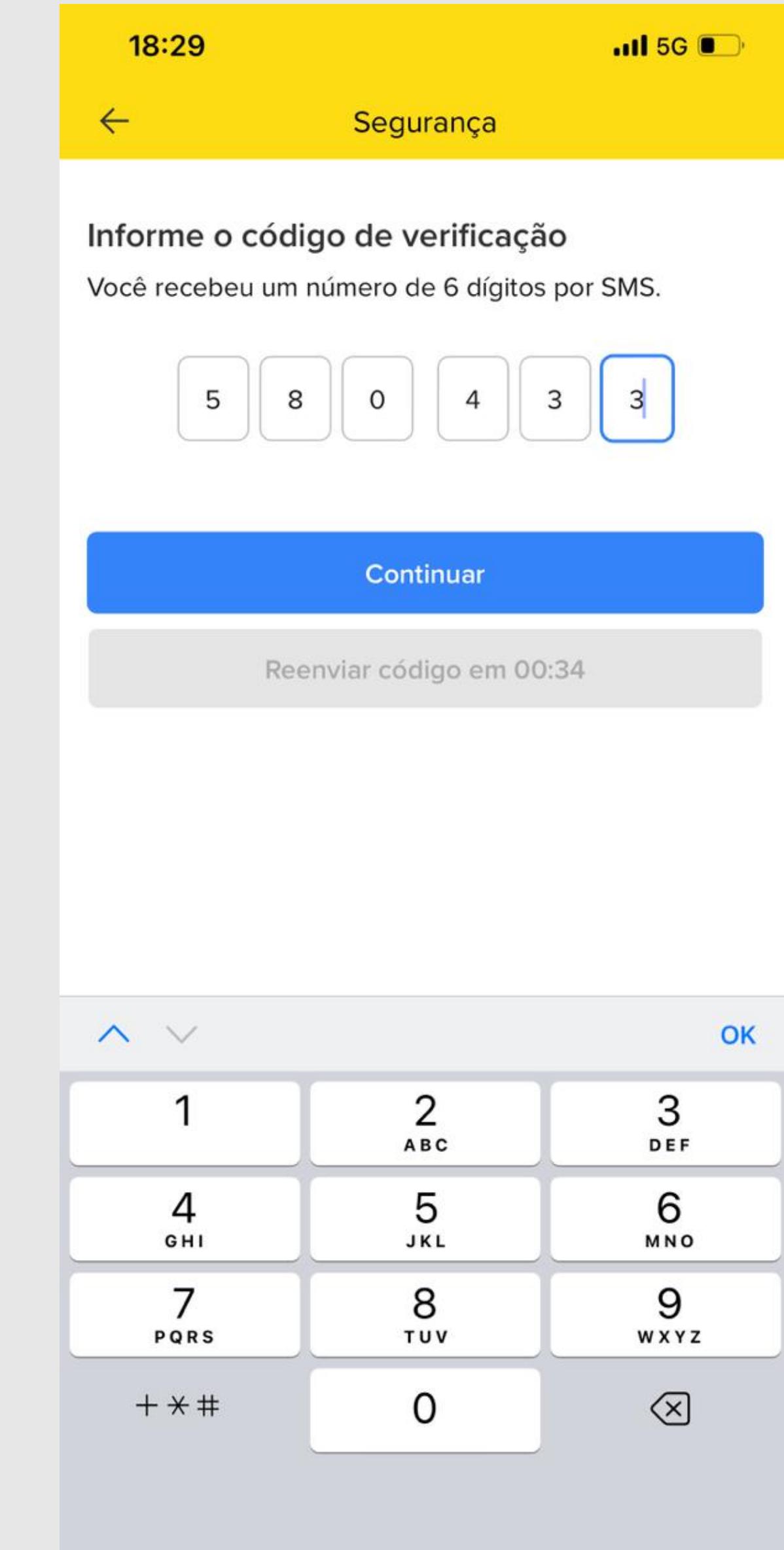
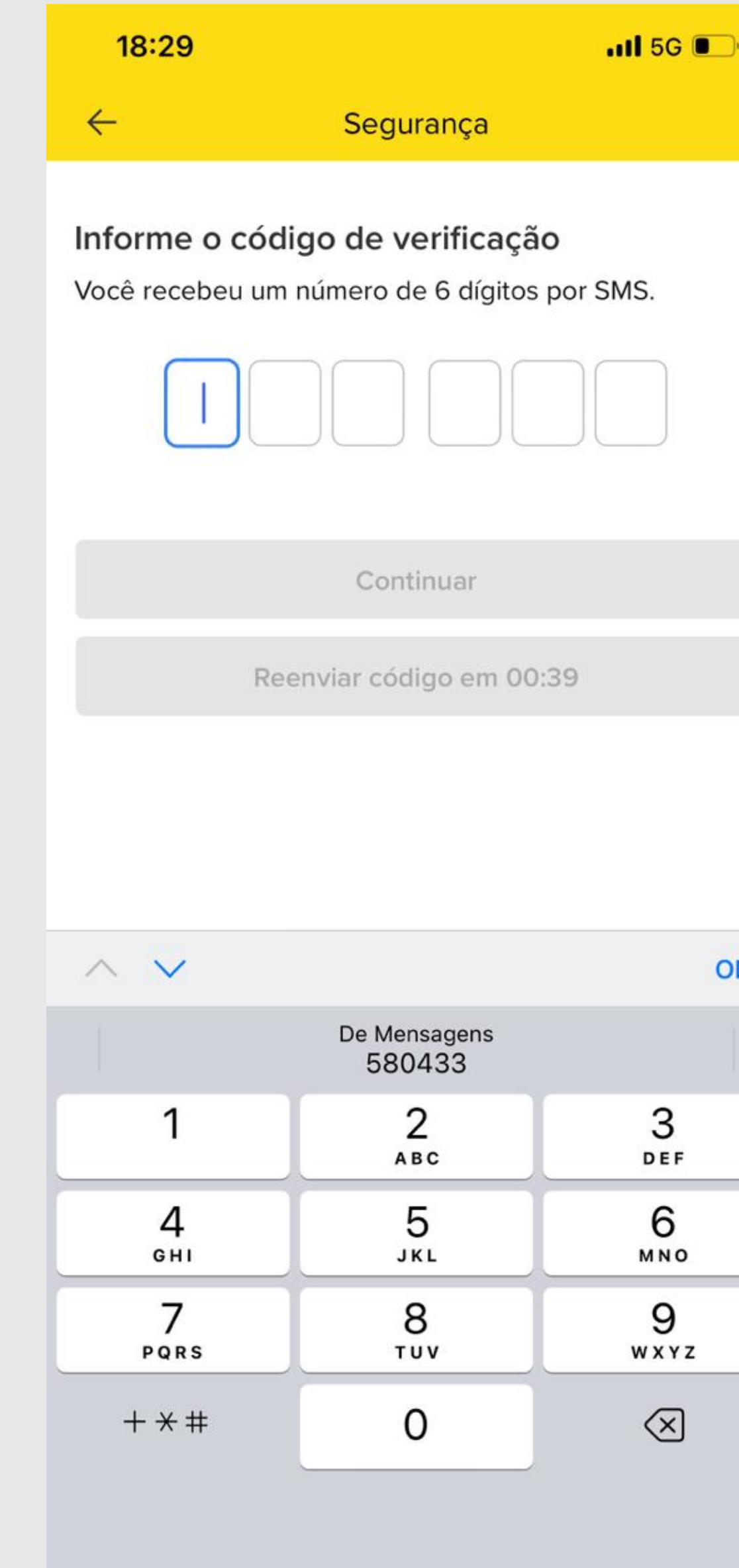
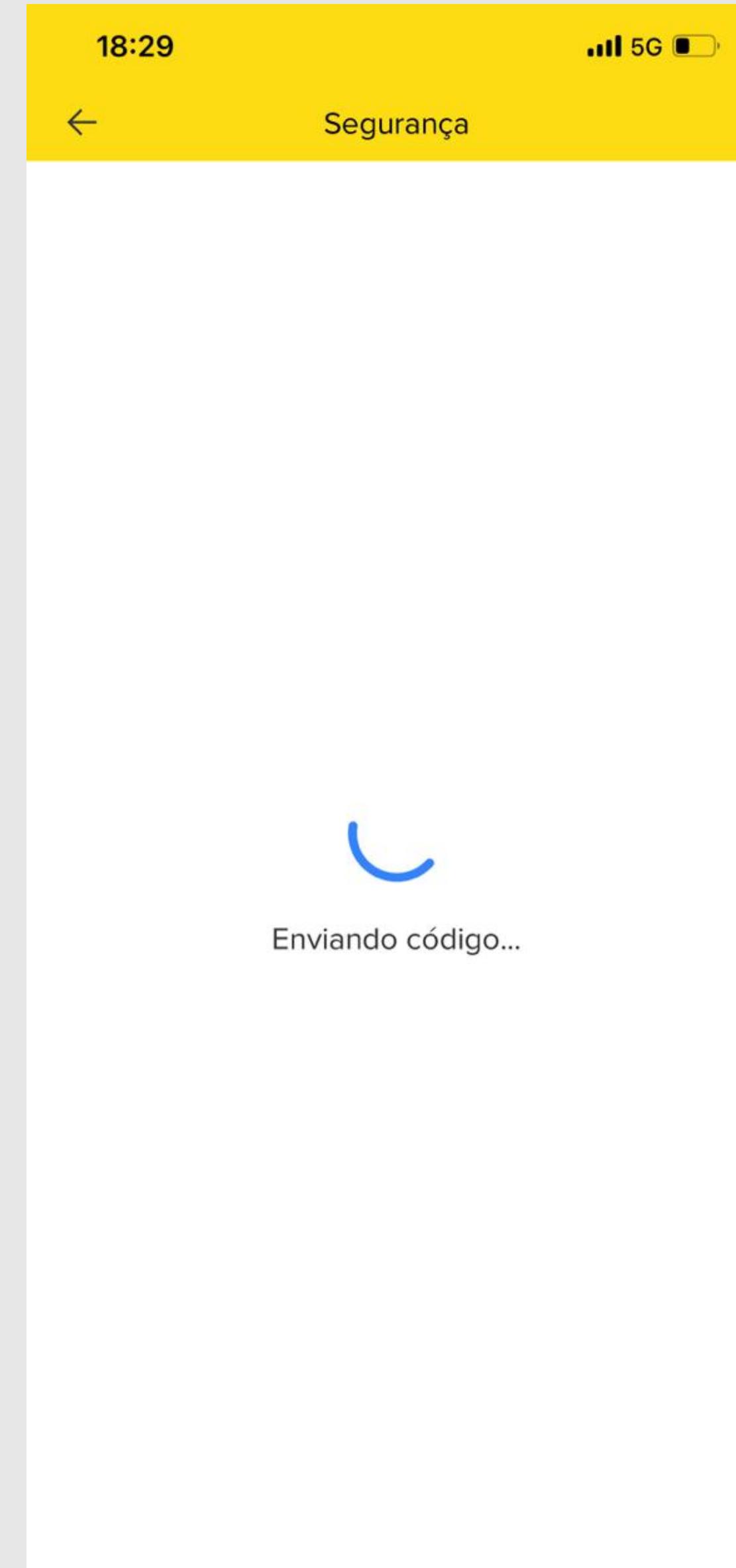
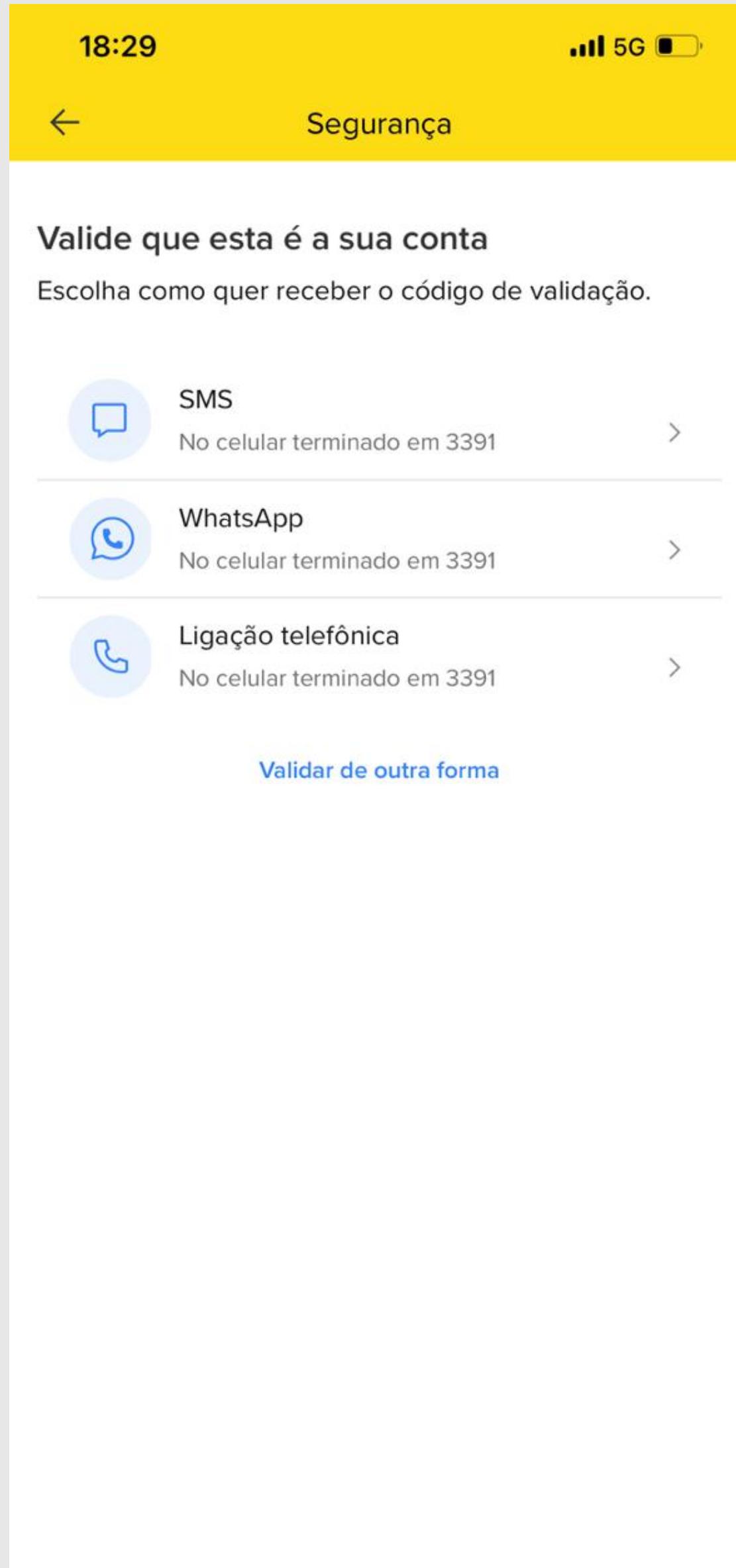


**ELEMENTOS DE  
UM SISTEMA  
NATIVO(OS)**

**SMS**

Identificar código de  
confirmação

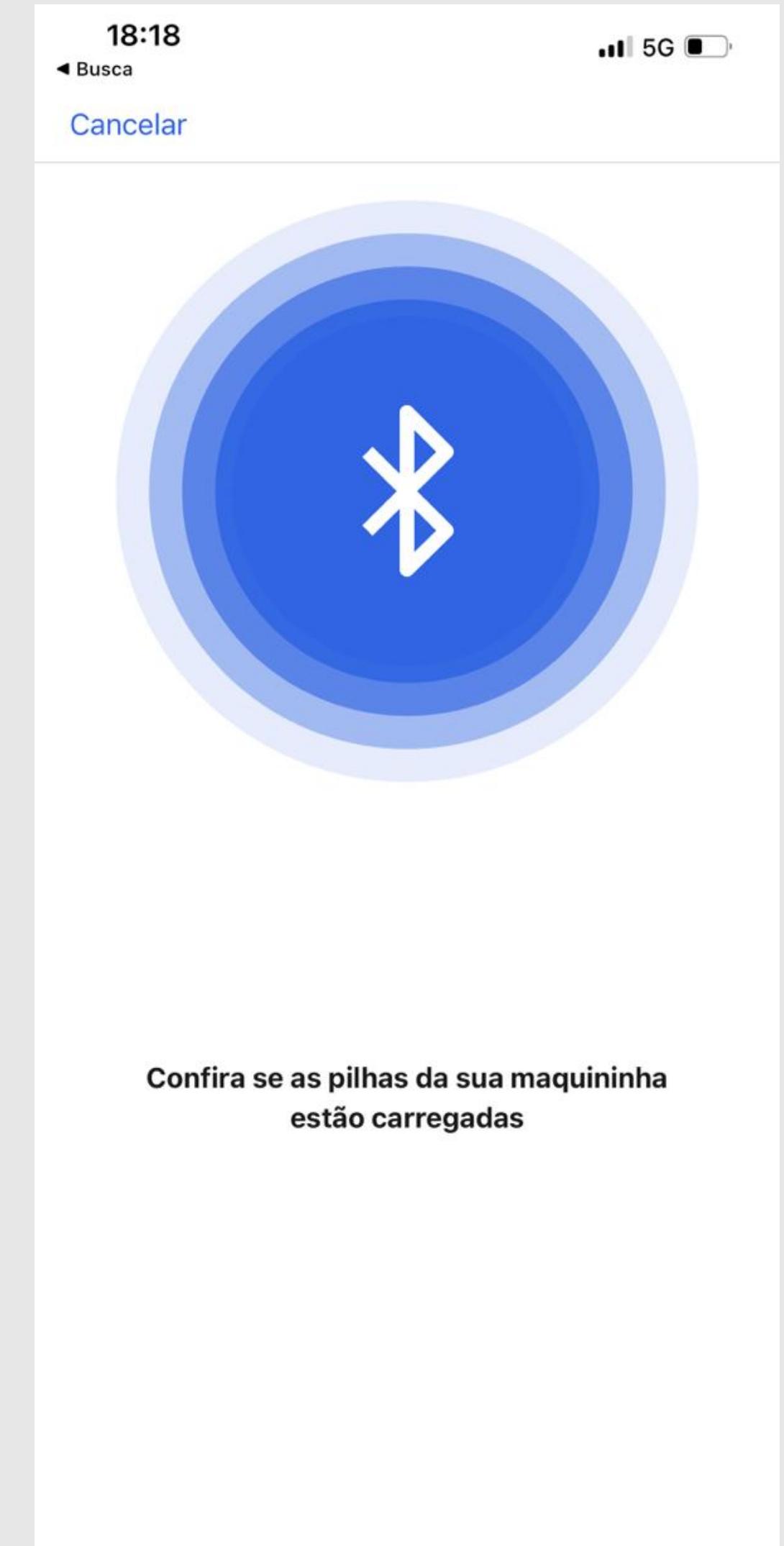
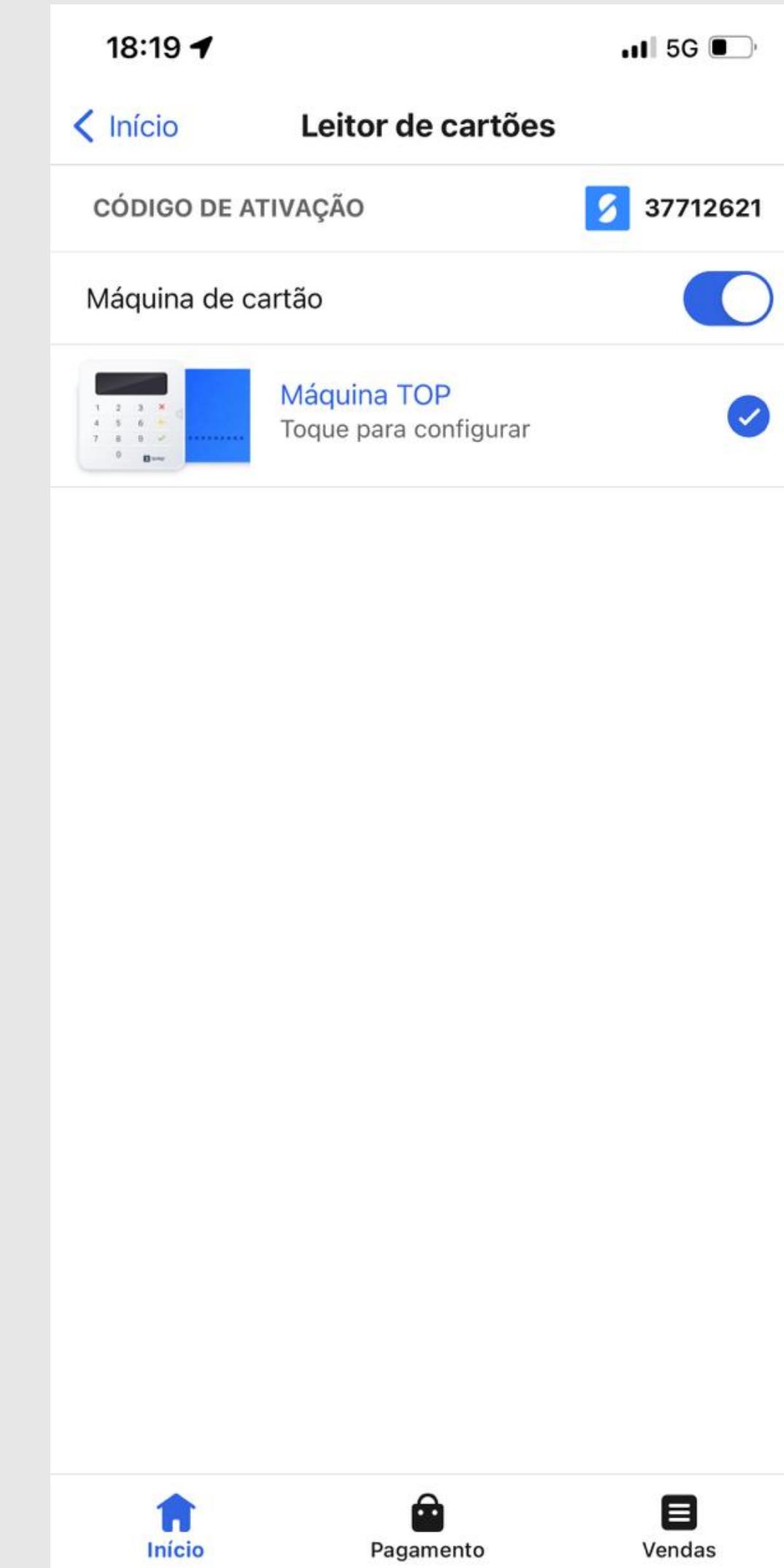
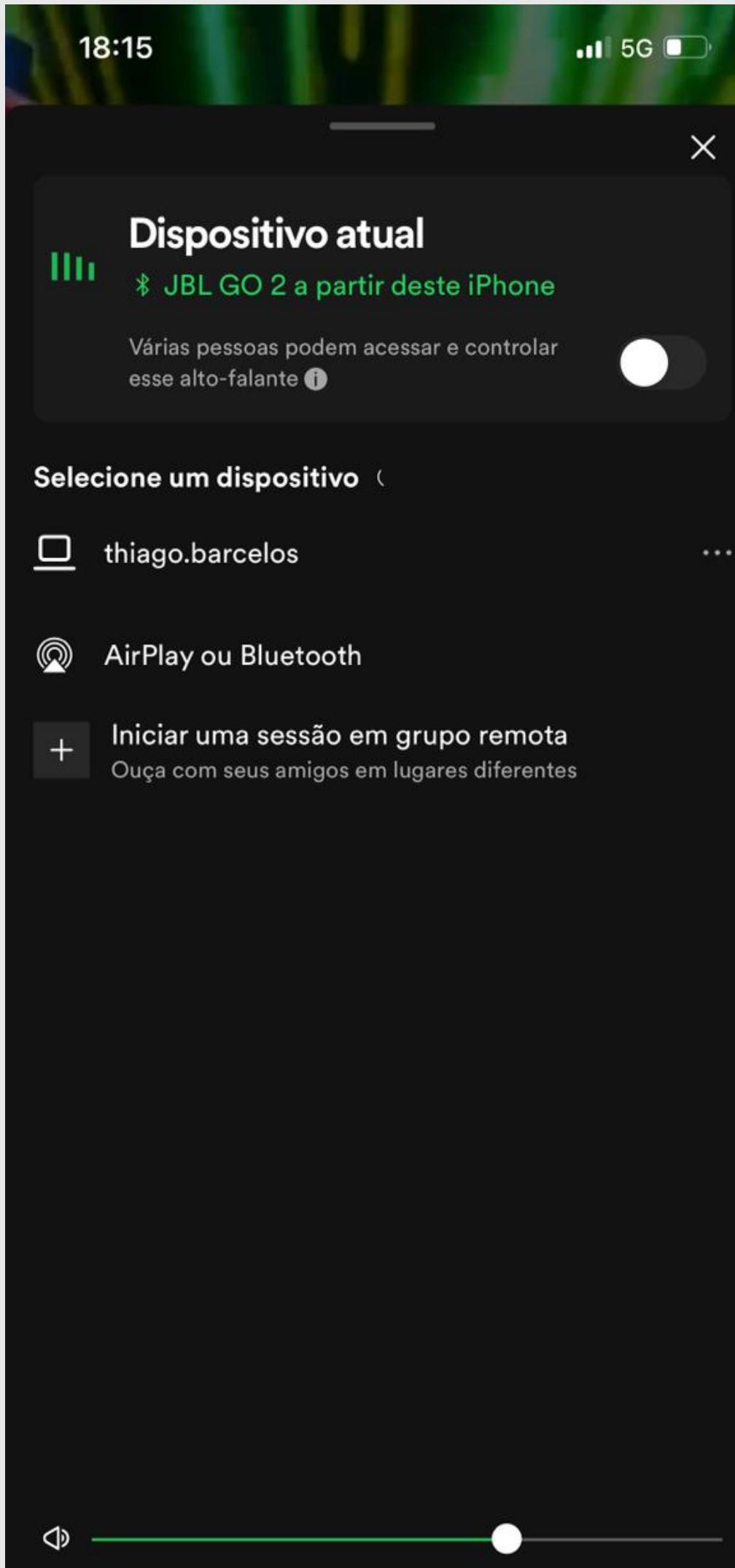
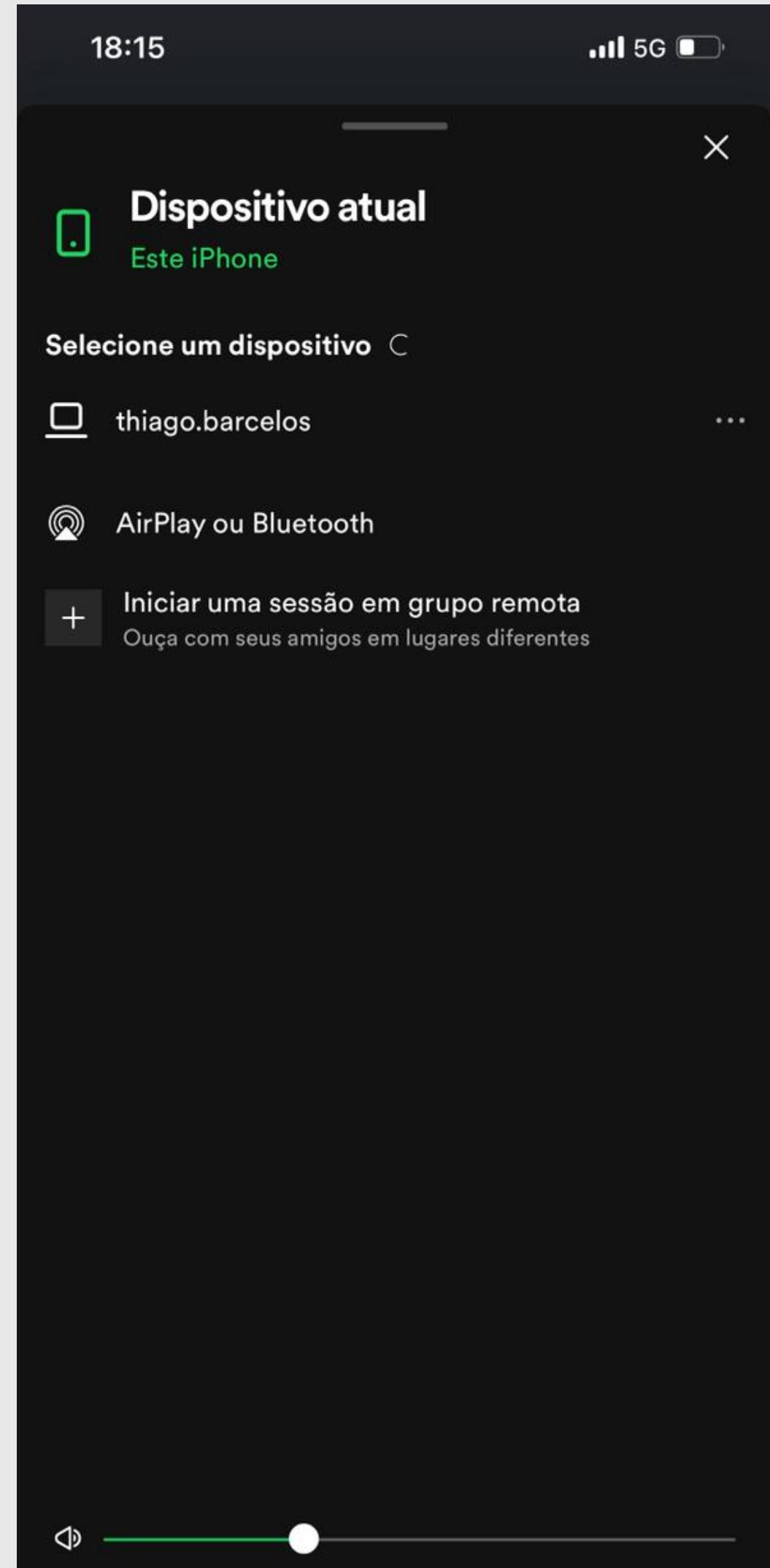
# SMS



# **Bluetooth**

**Funcionalidades que usam**  
**Ex.: SumUp maquininha,**  
**conectividade com carro,**  
**fones...**

# Bluetooth



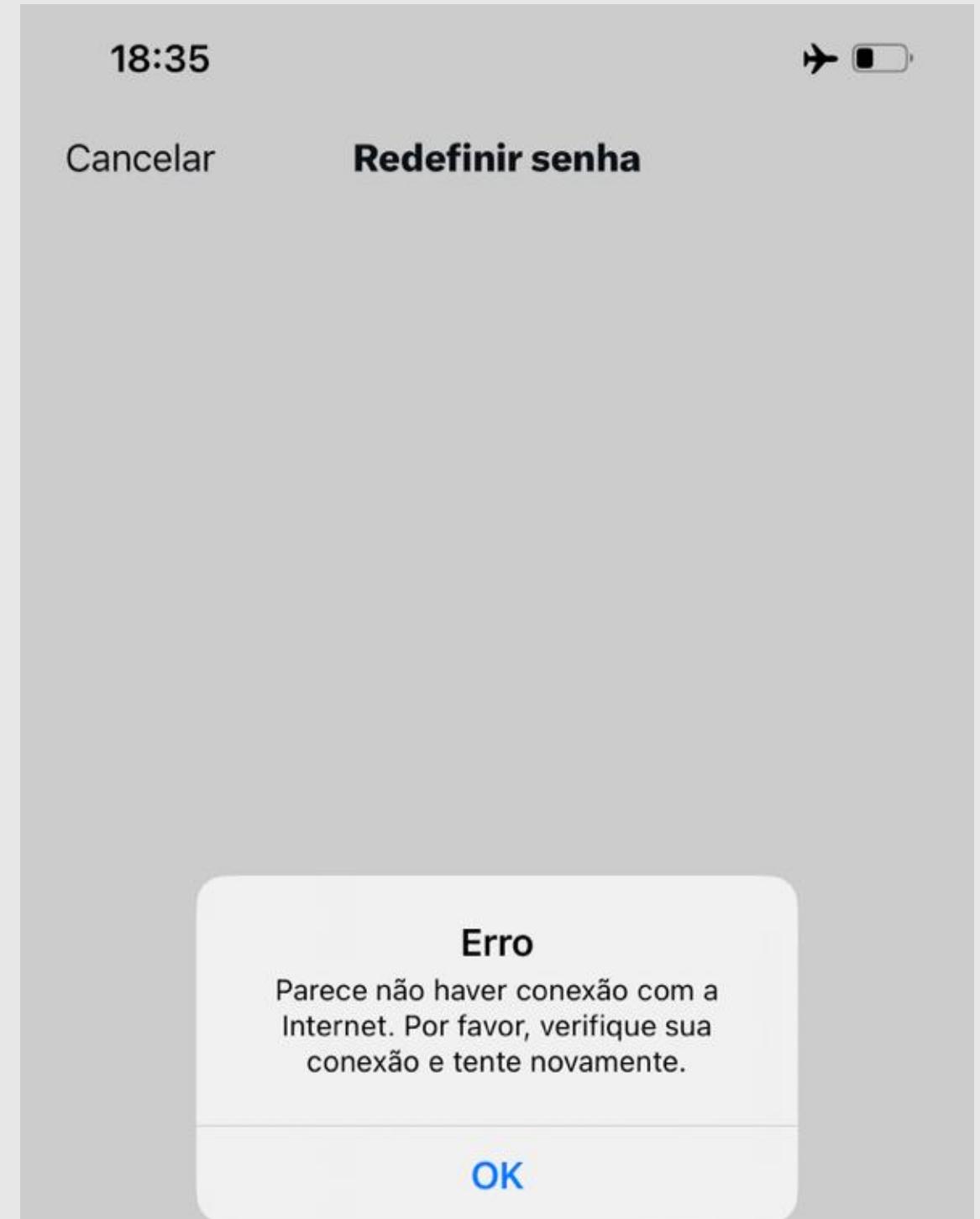
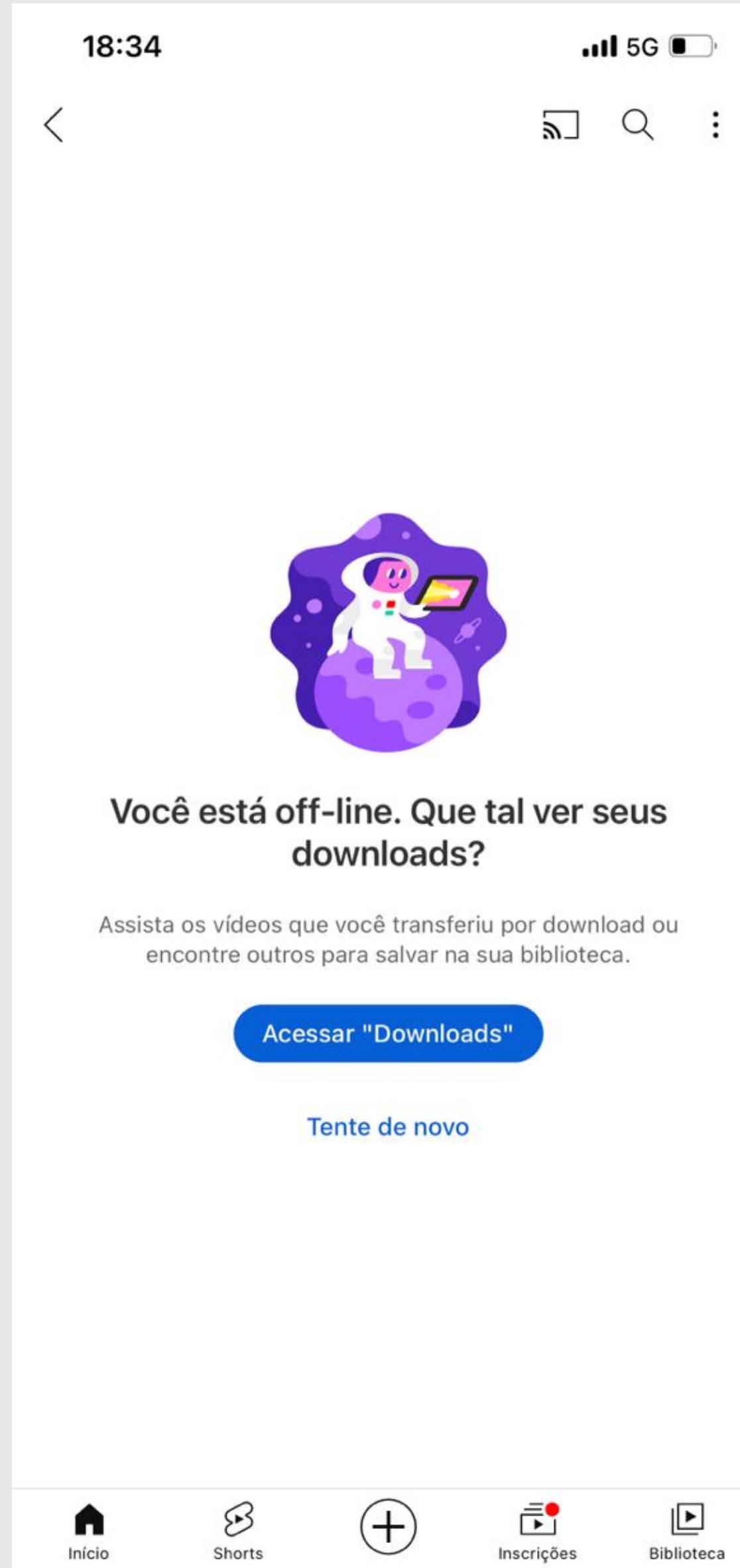
# **Conexão com internet**

**4G, 5G, Wi-Fi**

**Online e Offline**

- Cache**
- Telas de erro**

# Conexão com internet

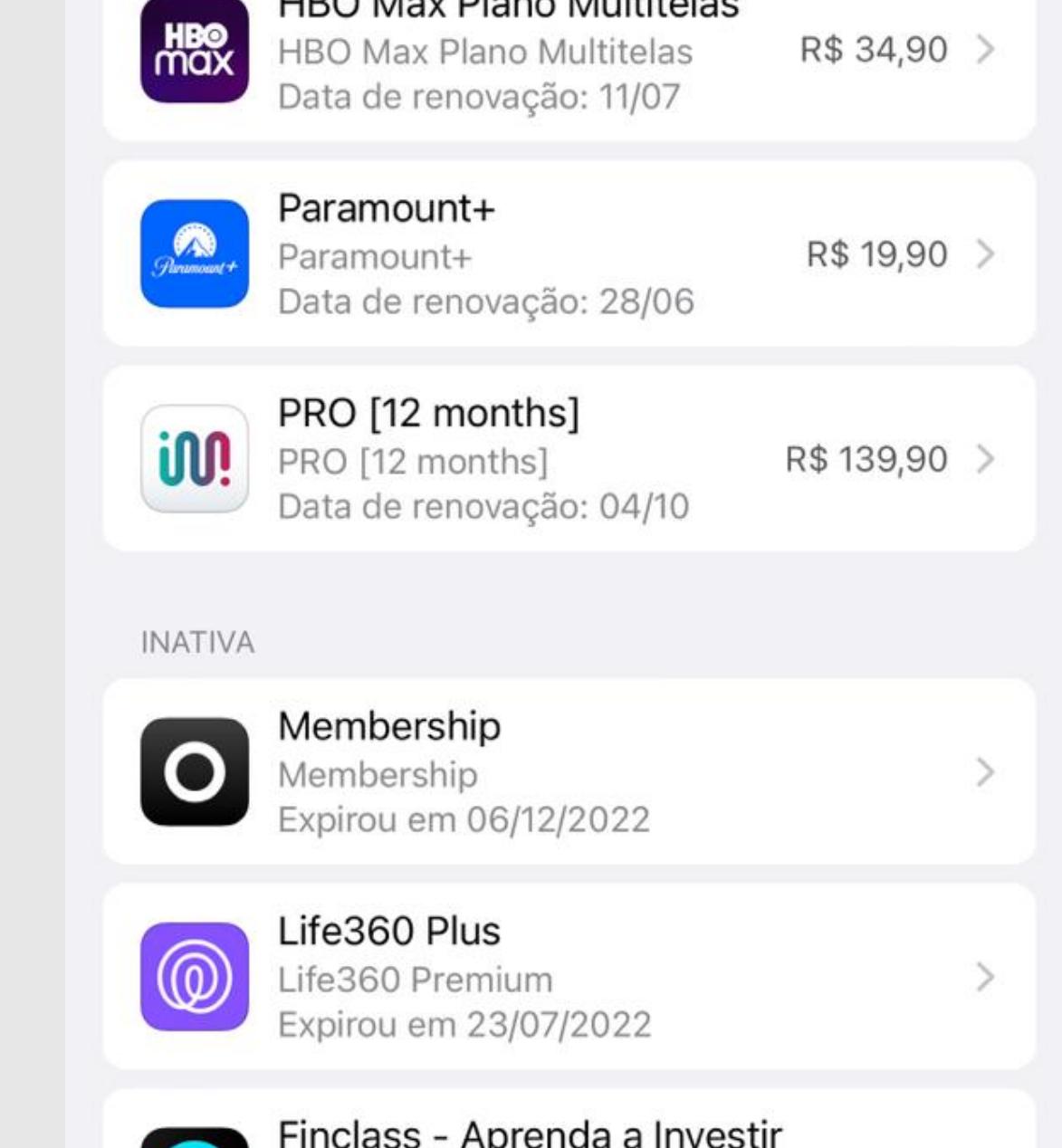
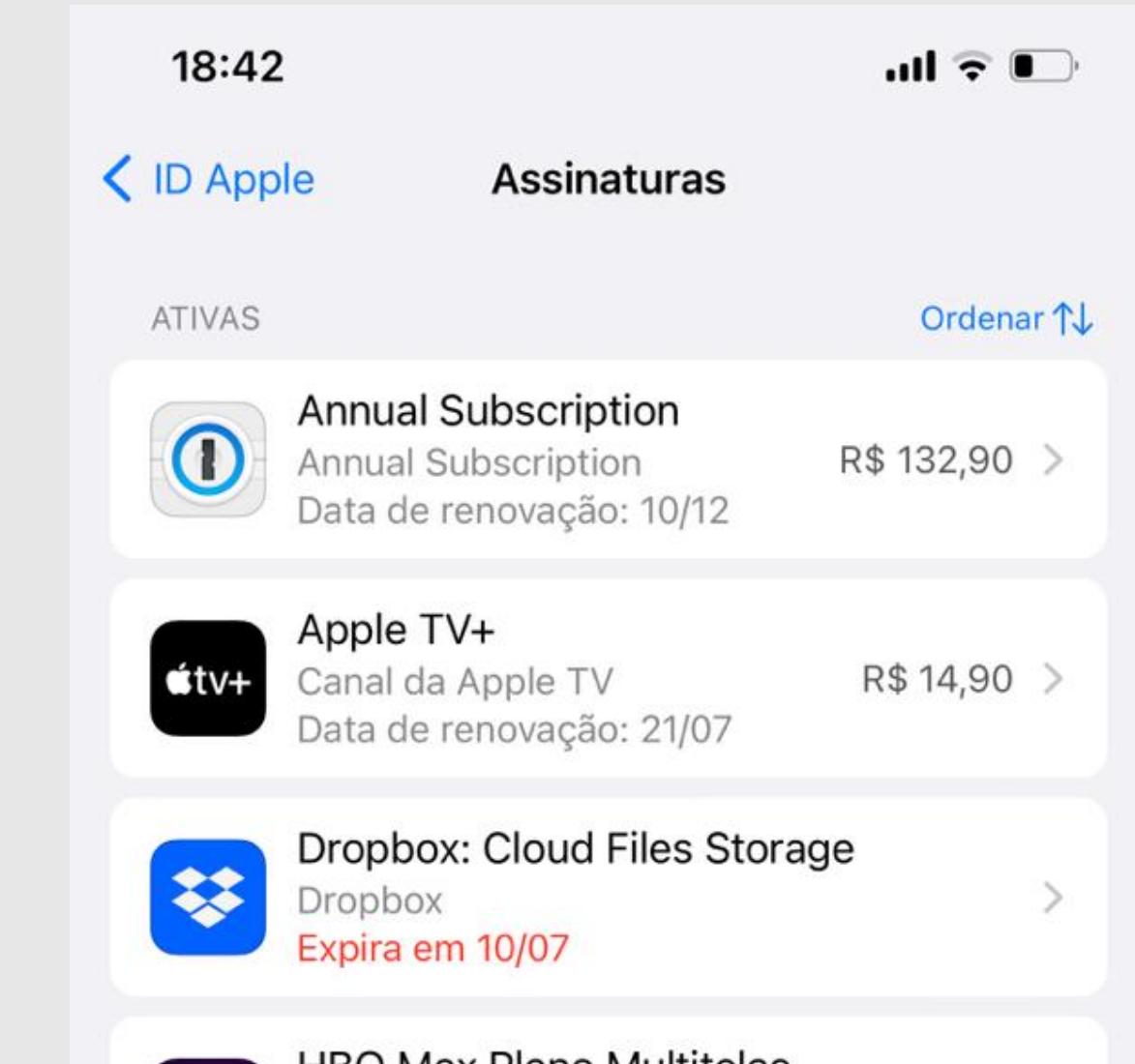
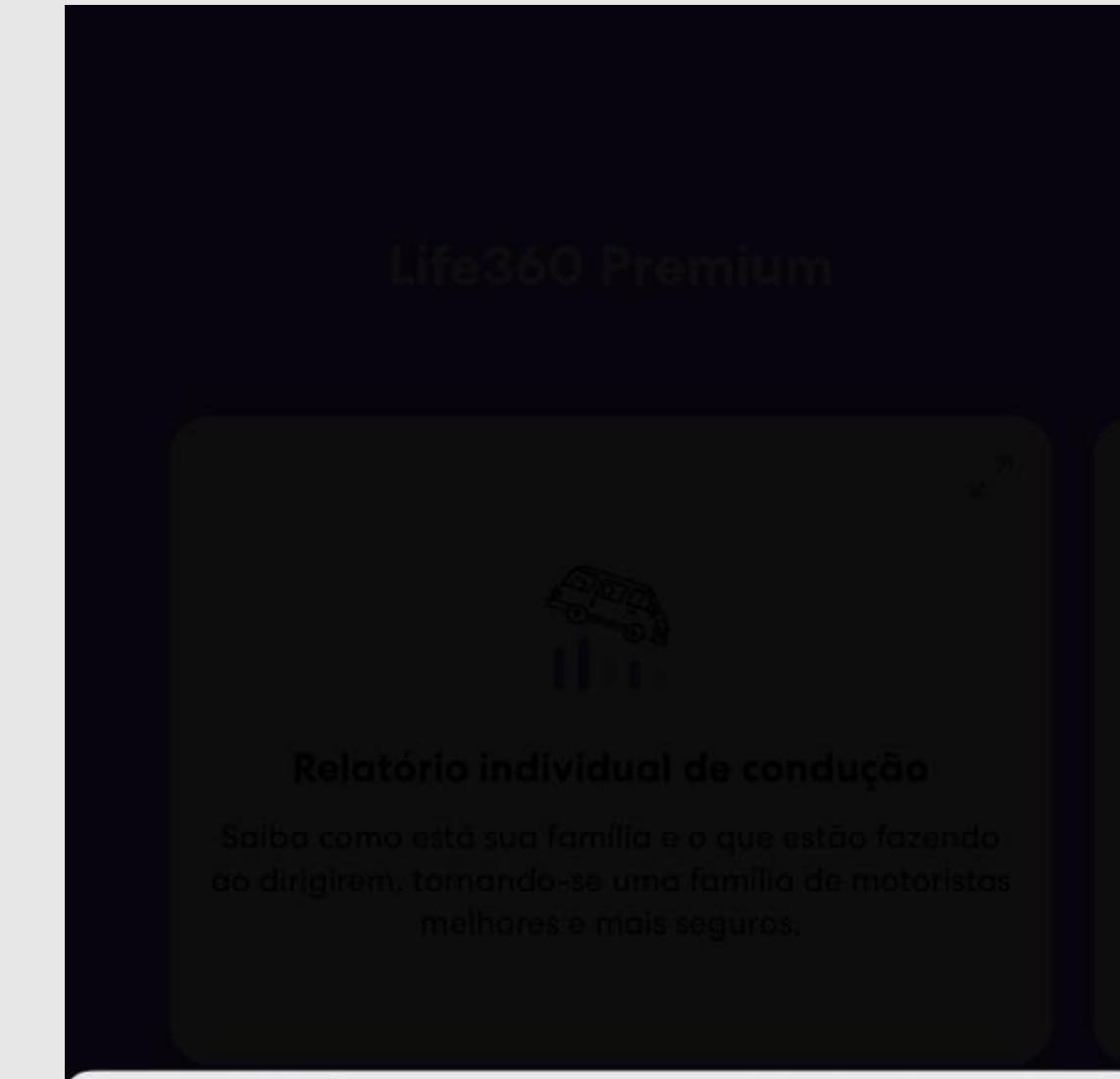
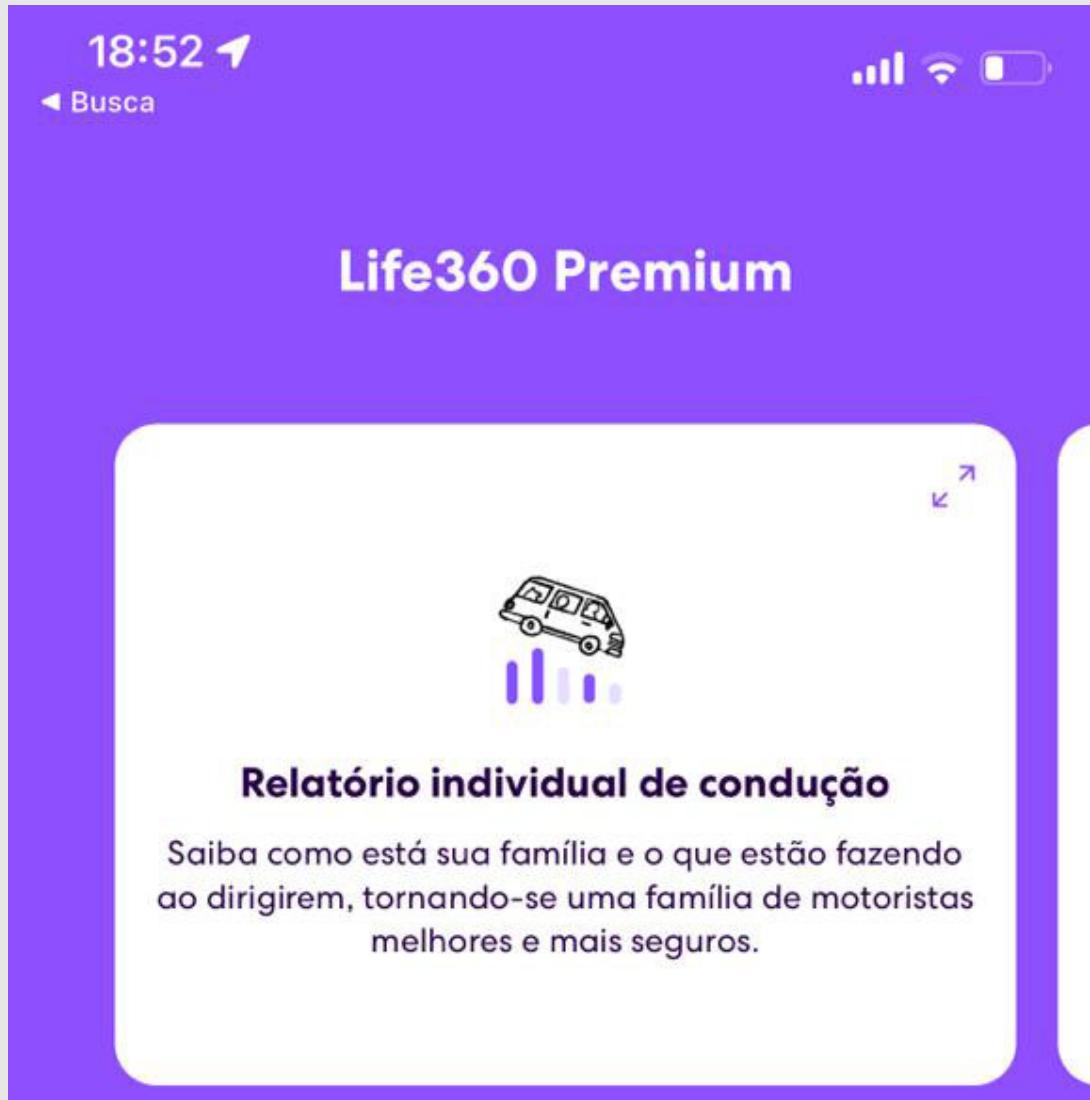
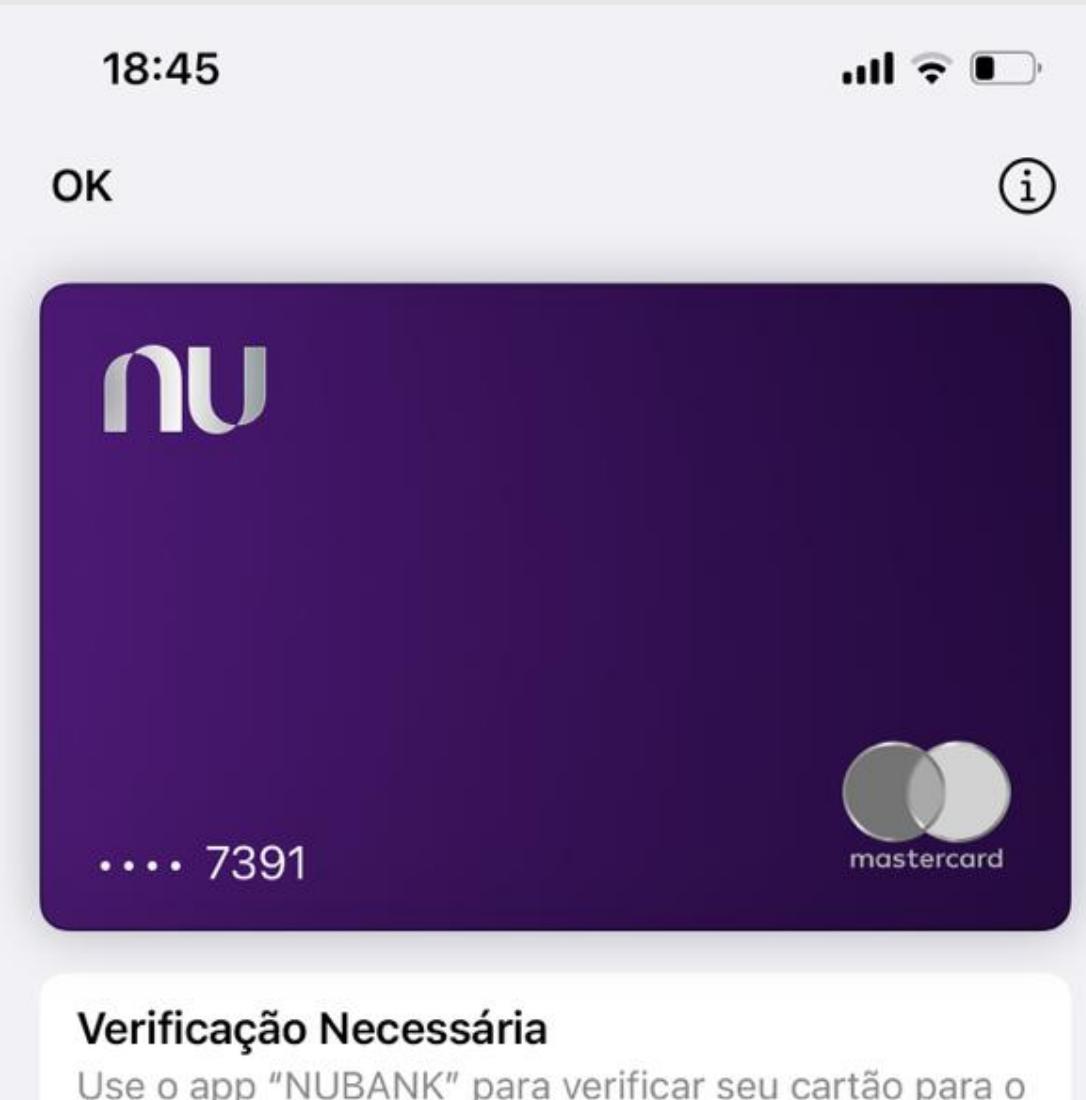


# Pagamentos

## Wallet

- Assinaturas
- Pagamentos

# Pagamentos



# Navegador de Internet

## Browser

- FAQ
- Sites externos
- Sites com contratos

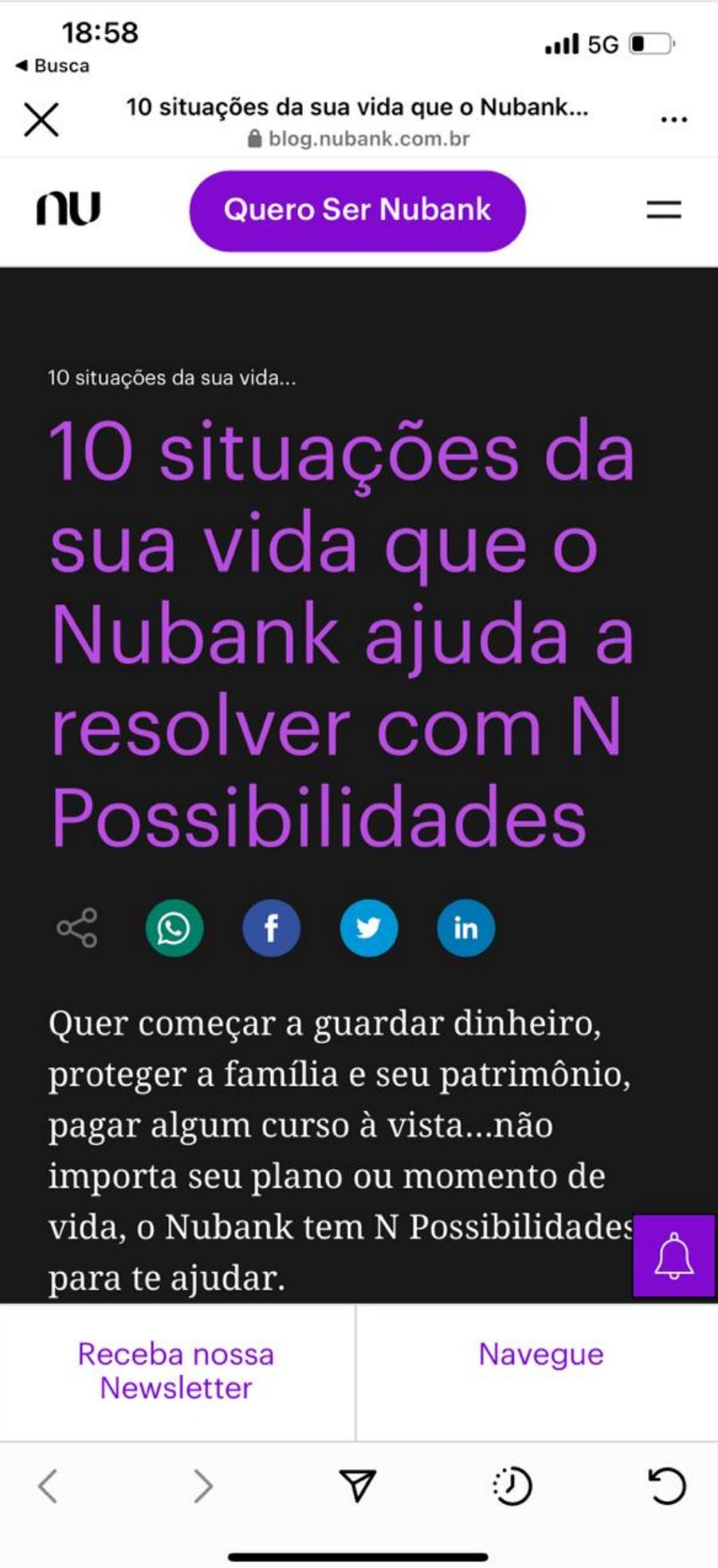
## Webview

- Conteúdo em HTML5

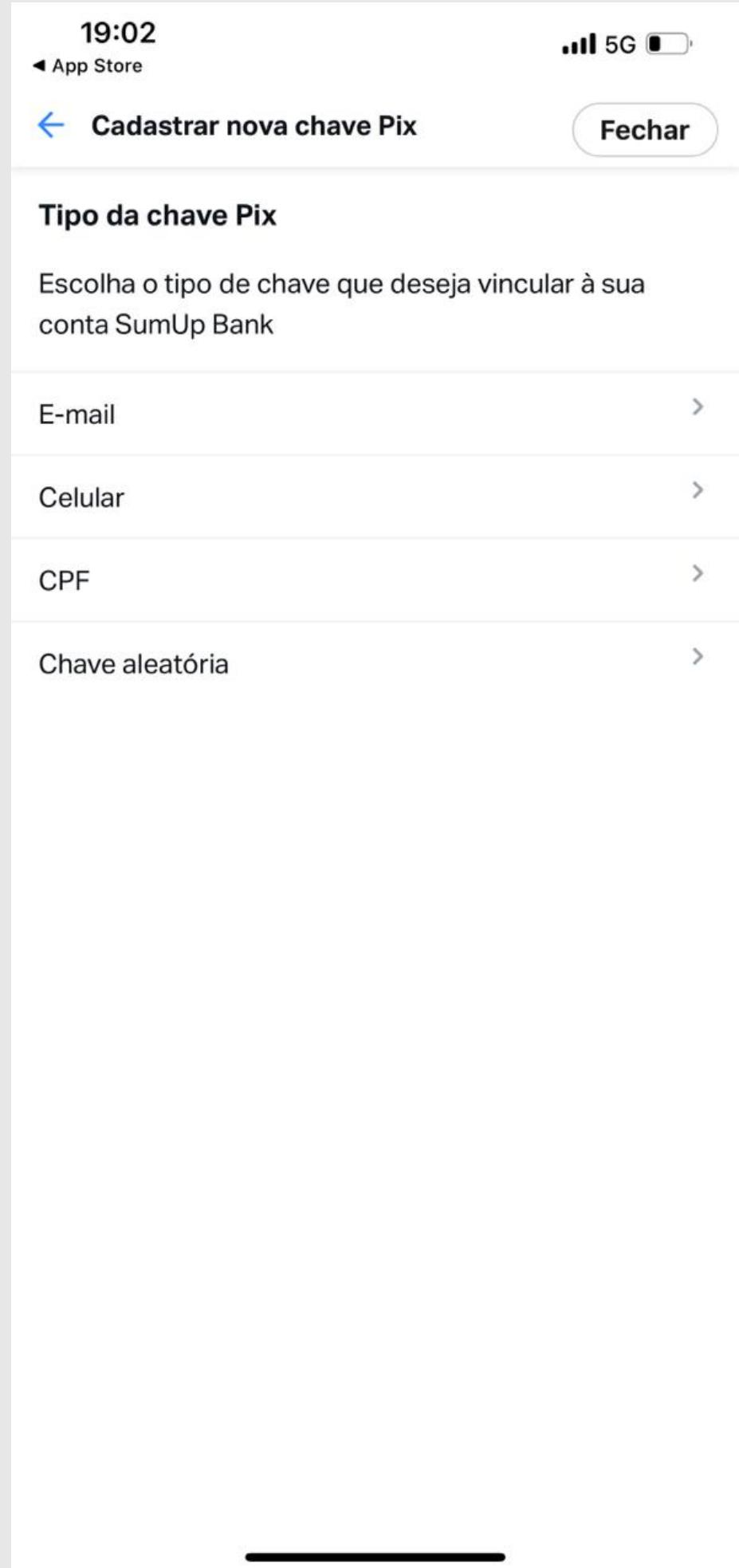
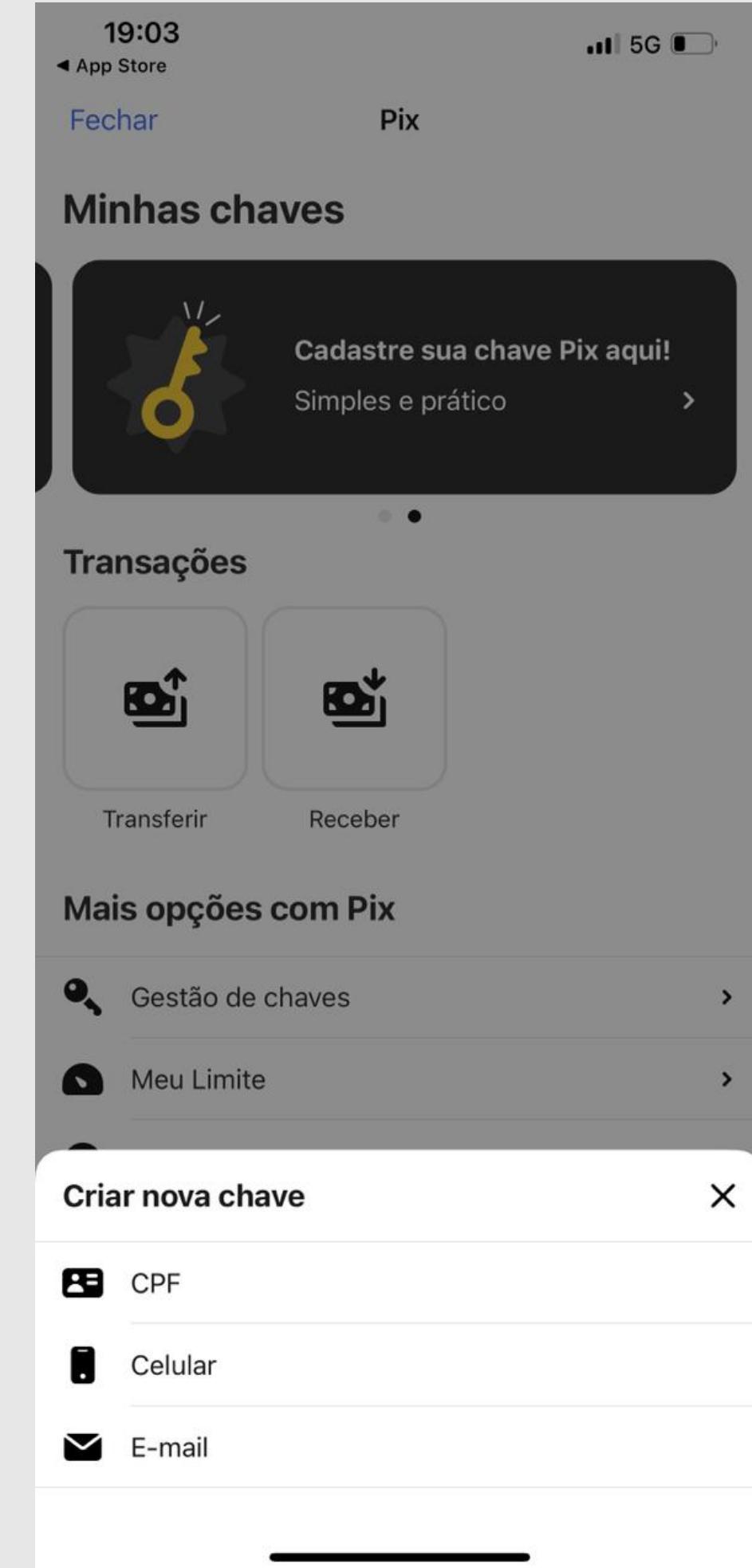
# Navegador de Internet



In app Browser



Webview



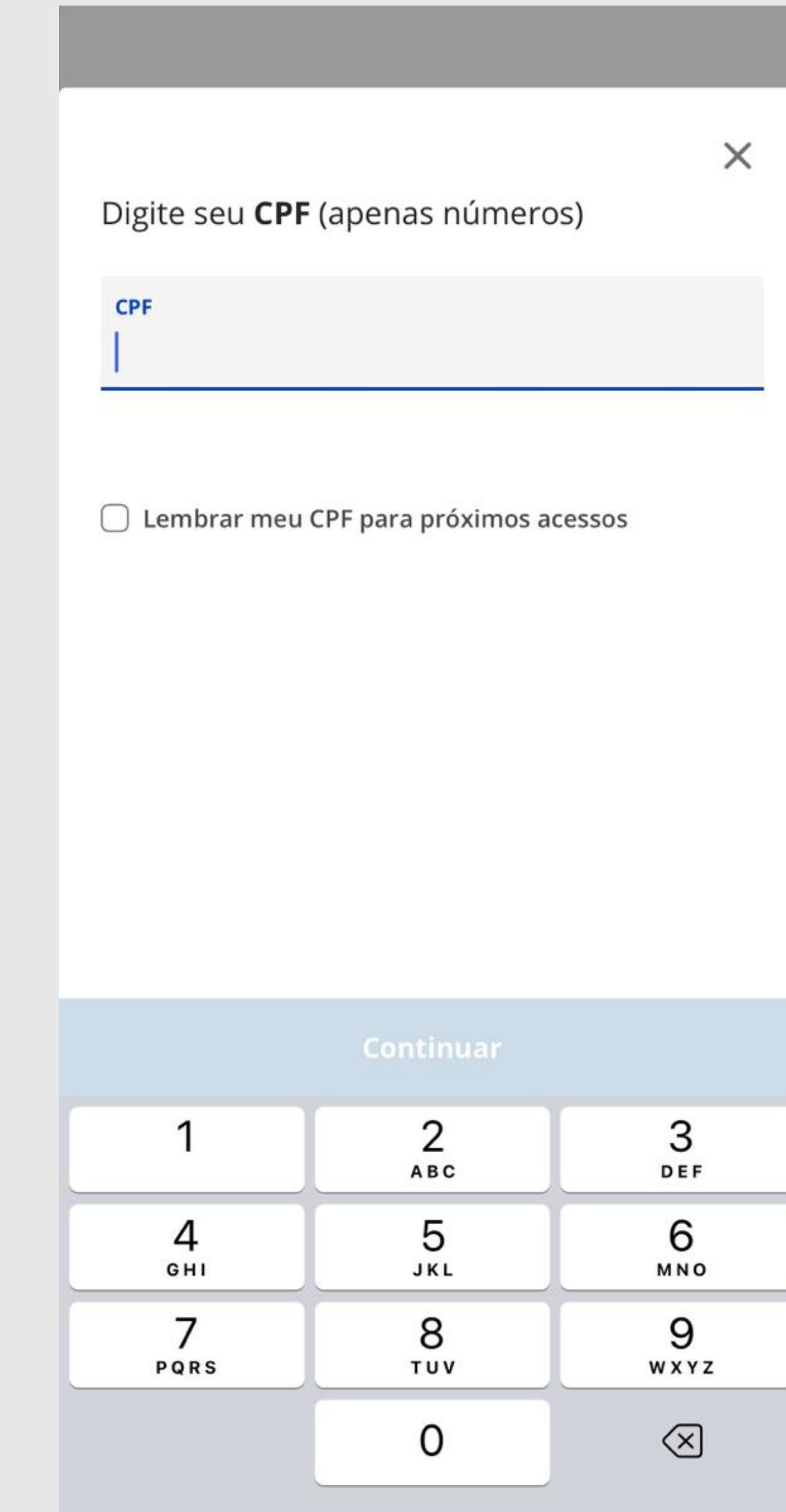
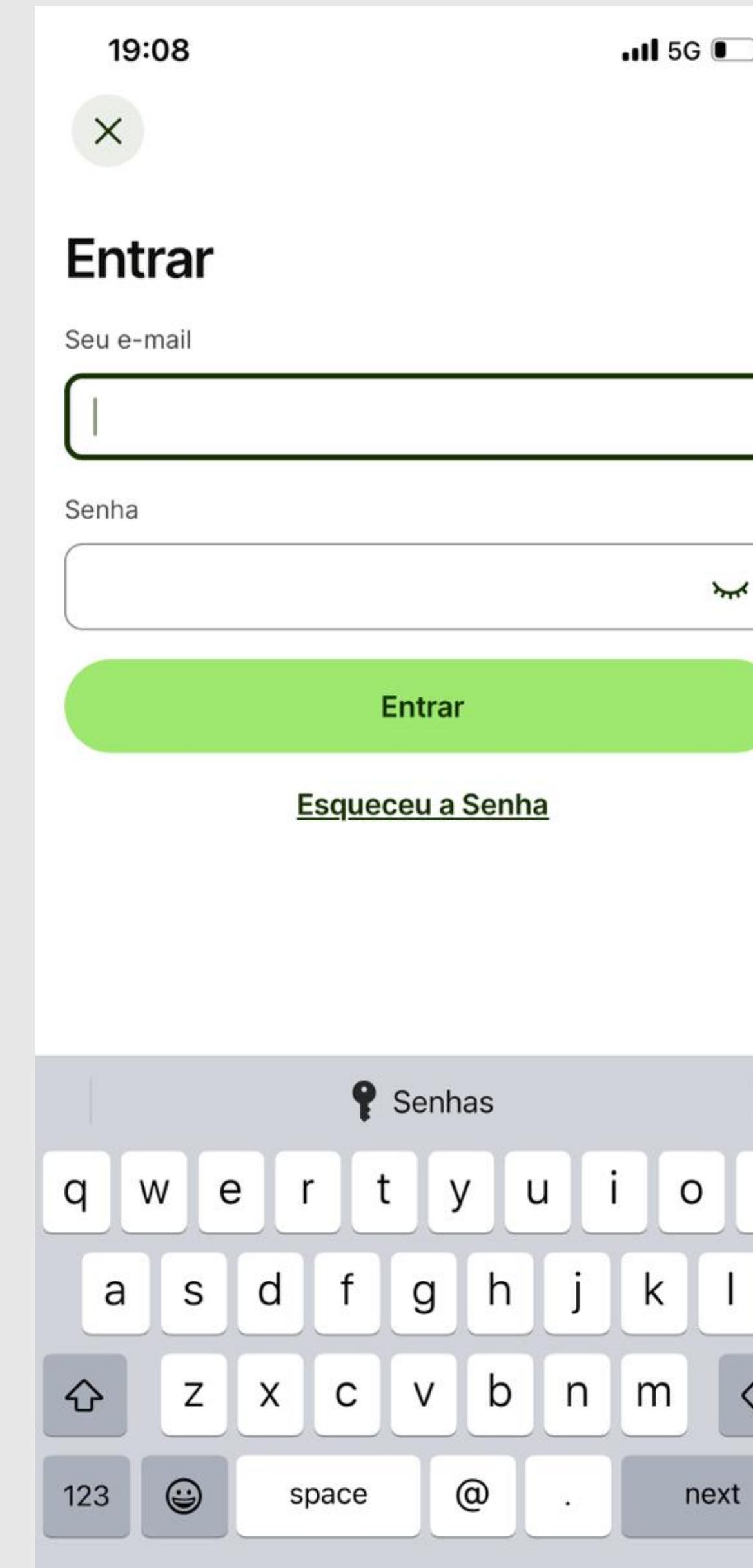
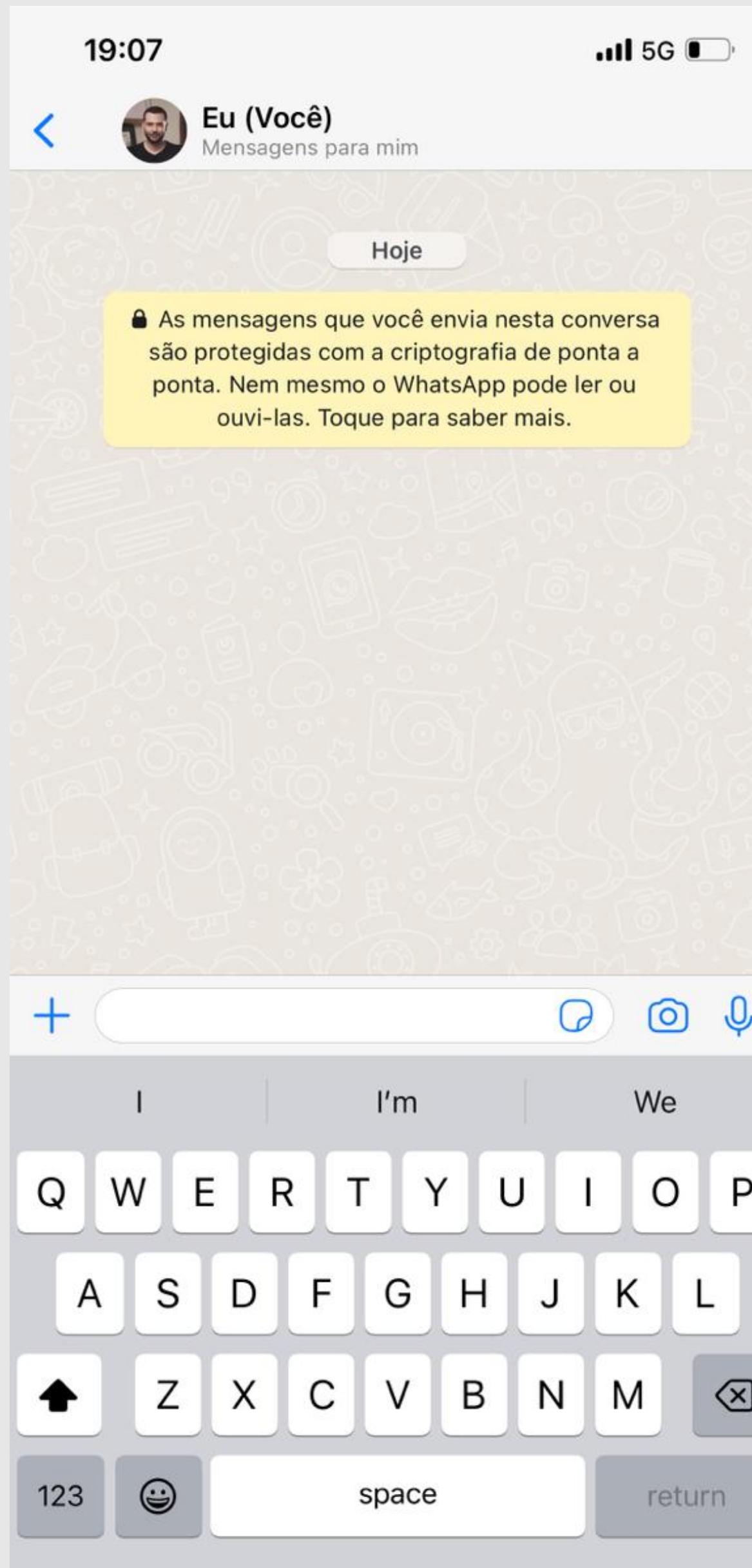
# Keyboard

Alfa-numérico

Númerico (telefone)

Input de E-mail (@)

# Keyboard



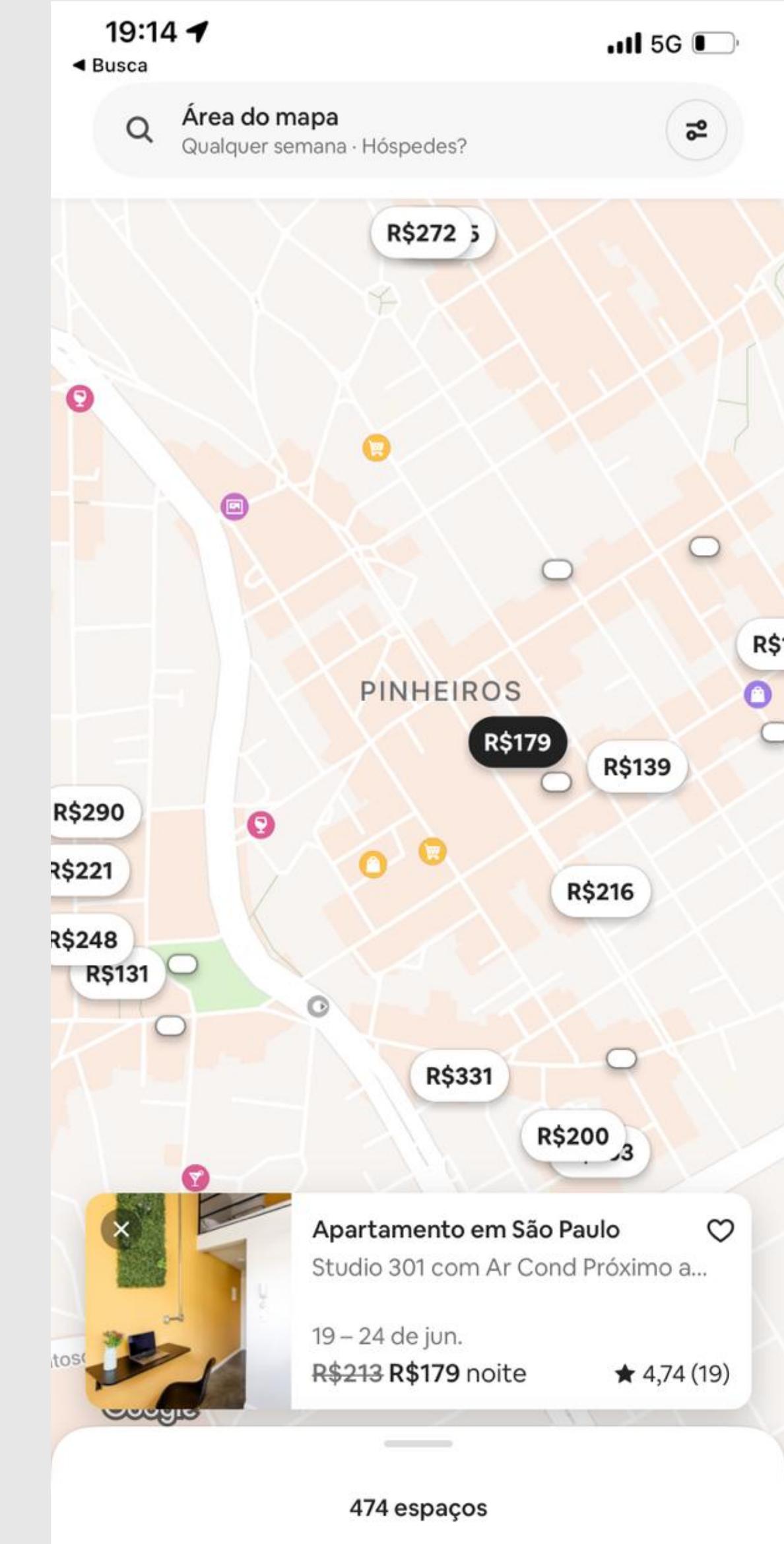
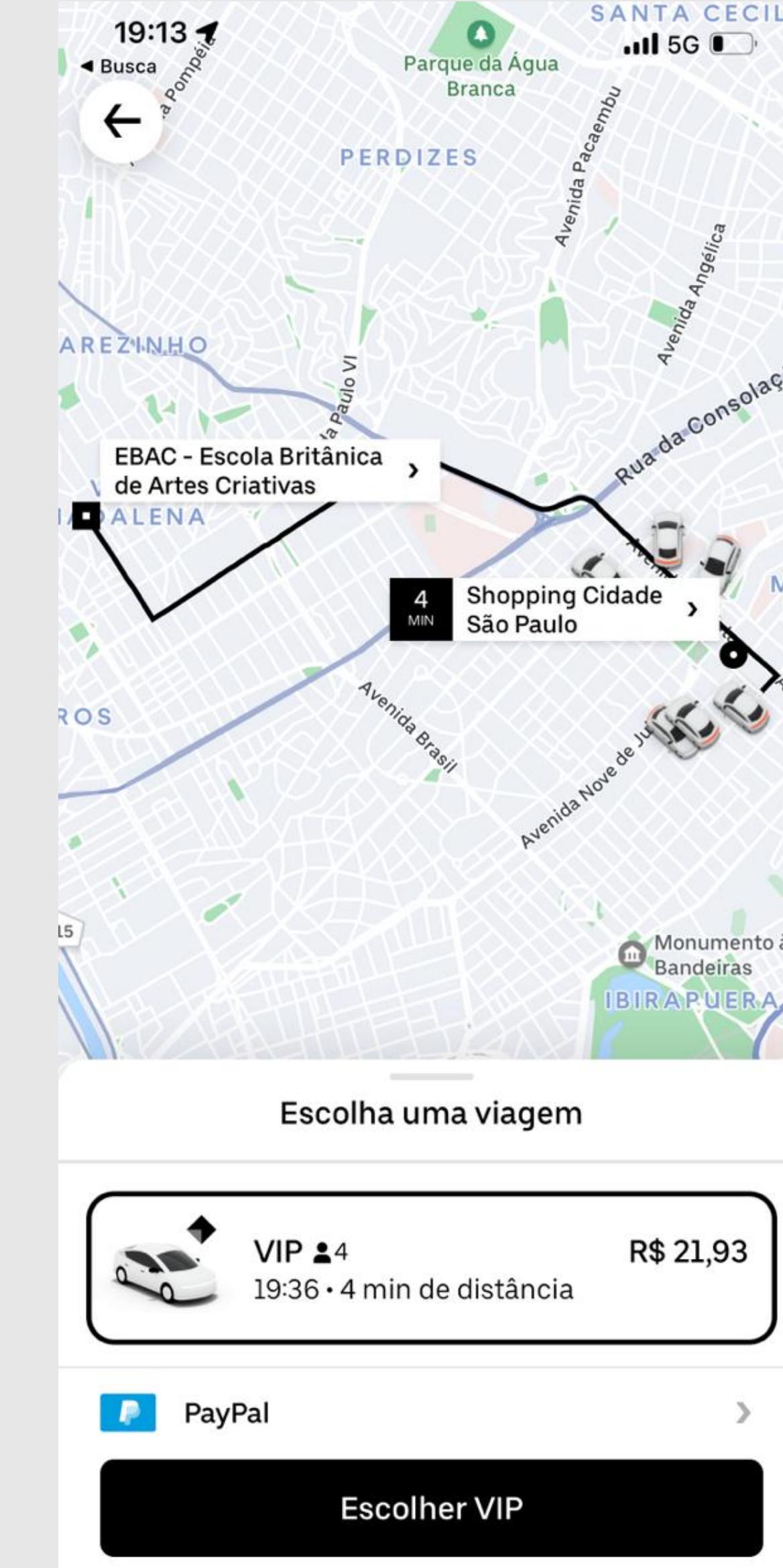
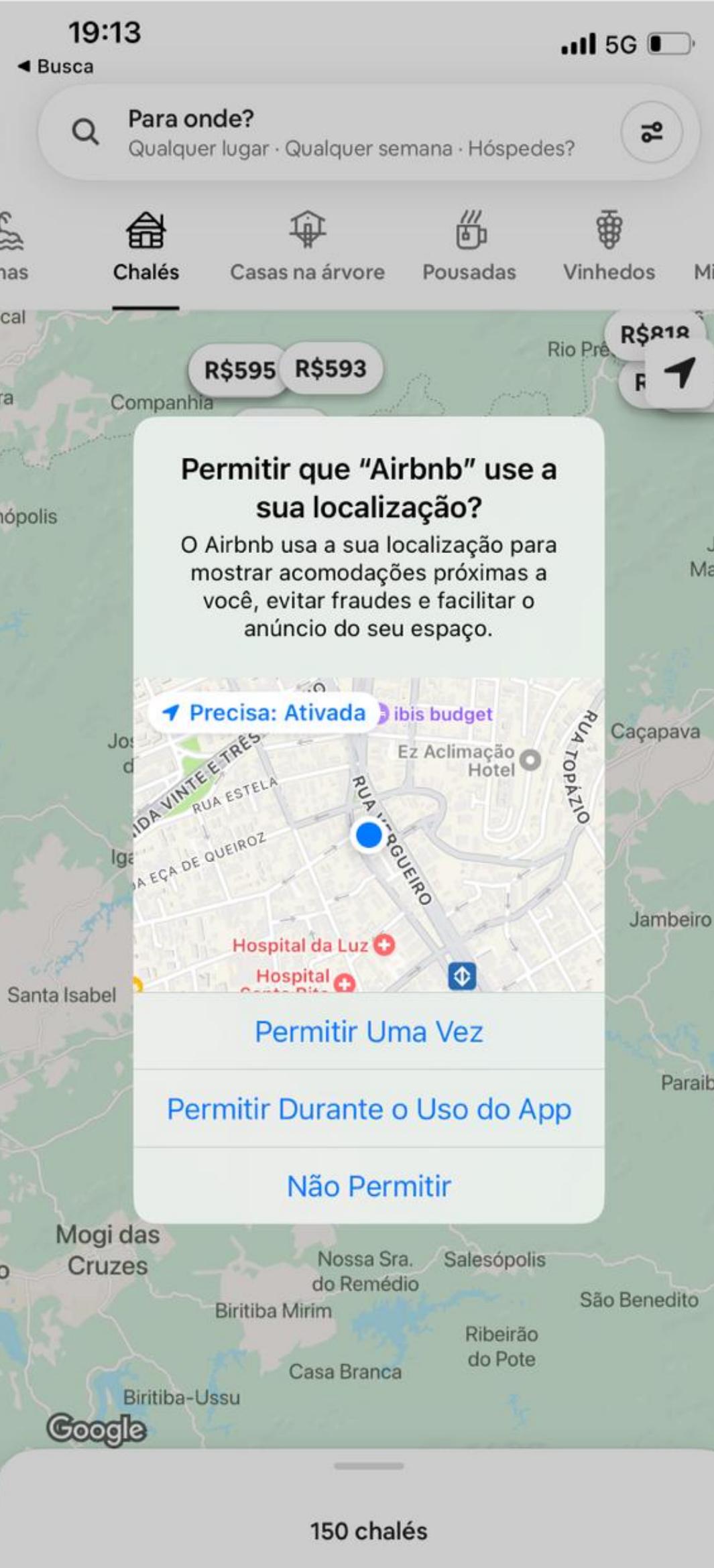
# Geolocalização

## Mapas

## Permissões

## Rotas

# Geolocalização



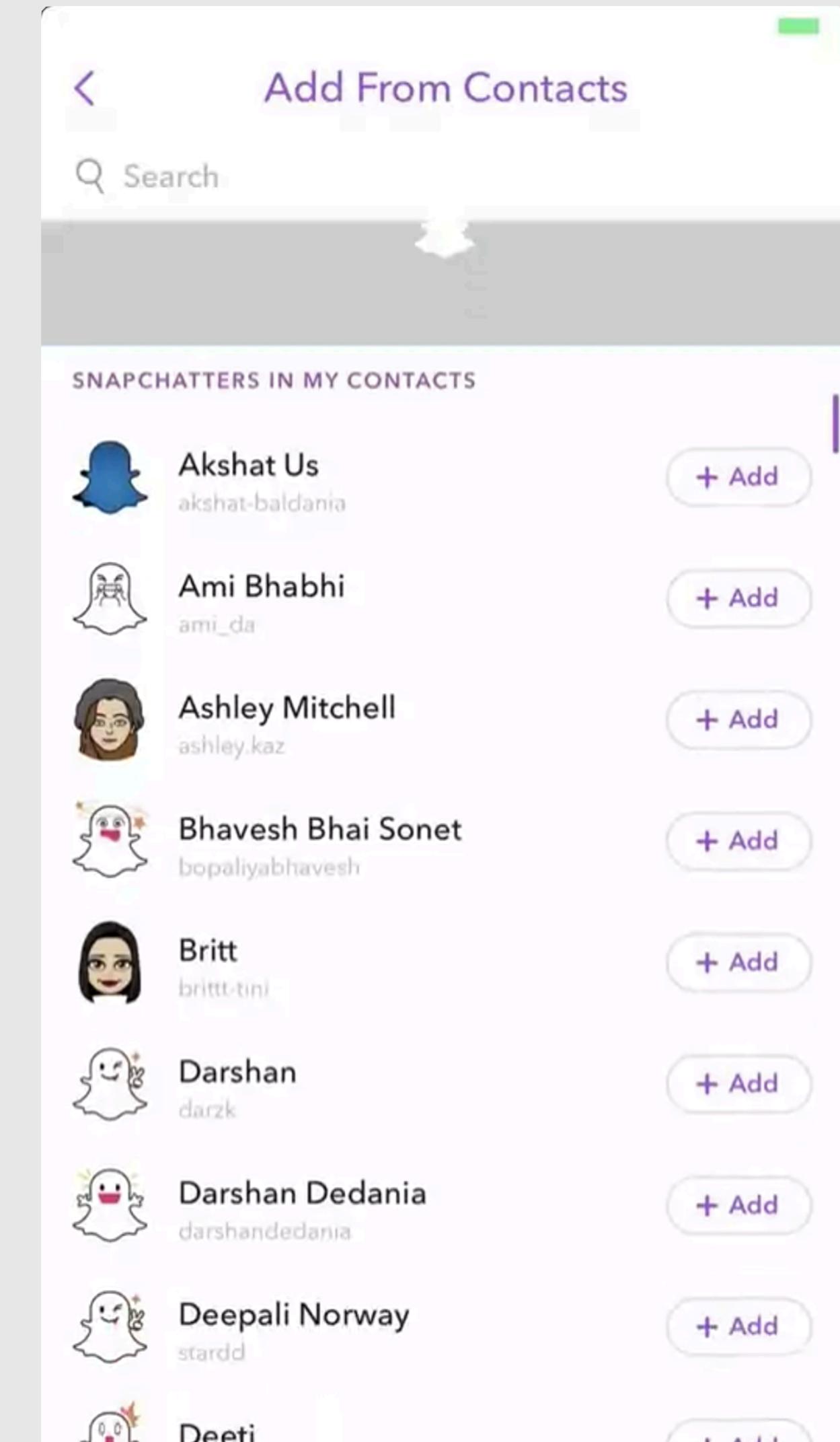
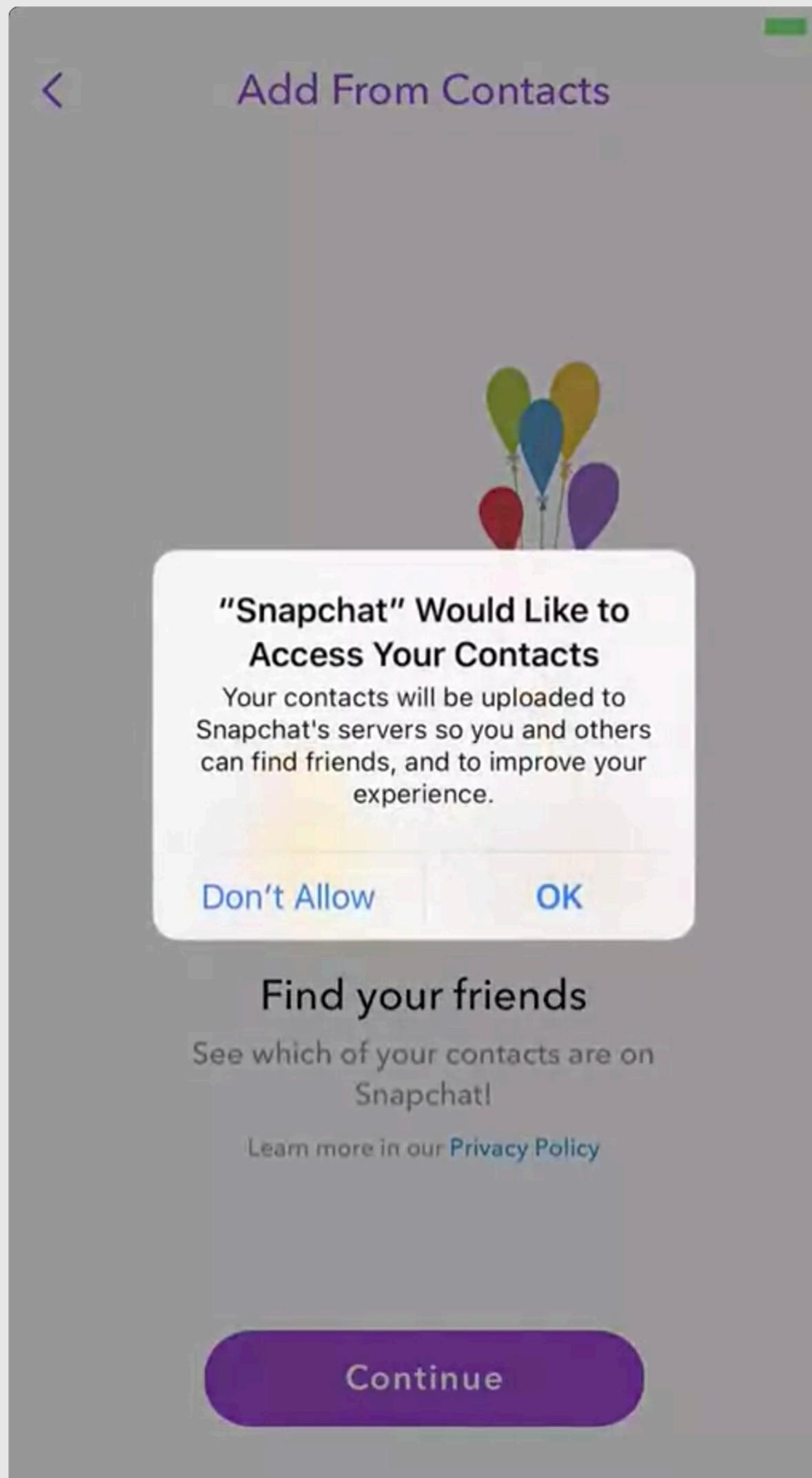
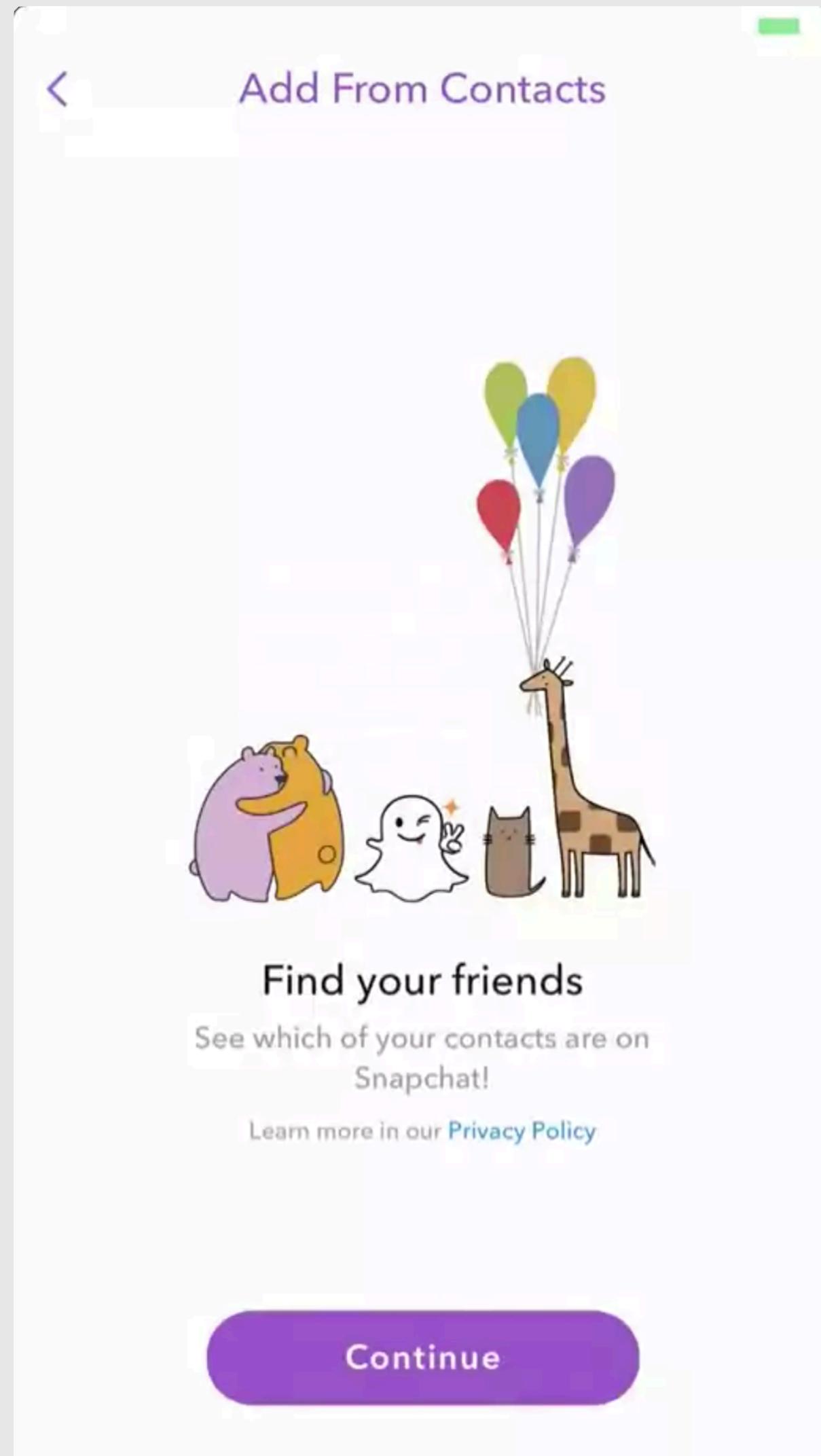
# **Agenda de contatos**

**Compartilhar**

**Adicionar pessoas (Snap)**

**MGM (member get member)**

# Agenda de contatos



# Notificações

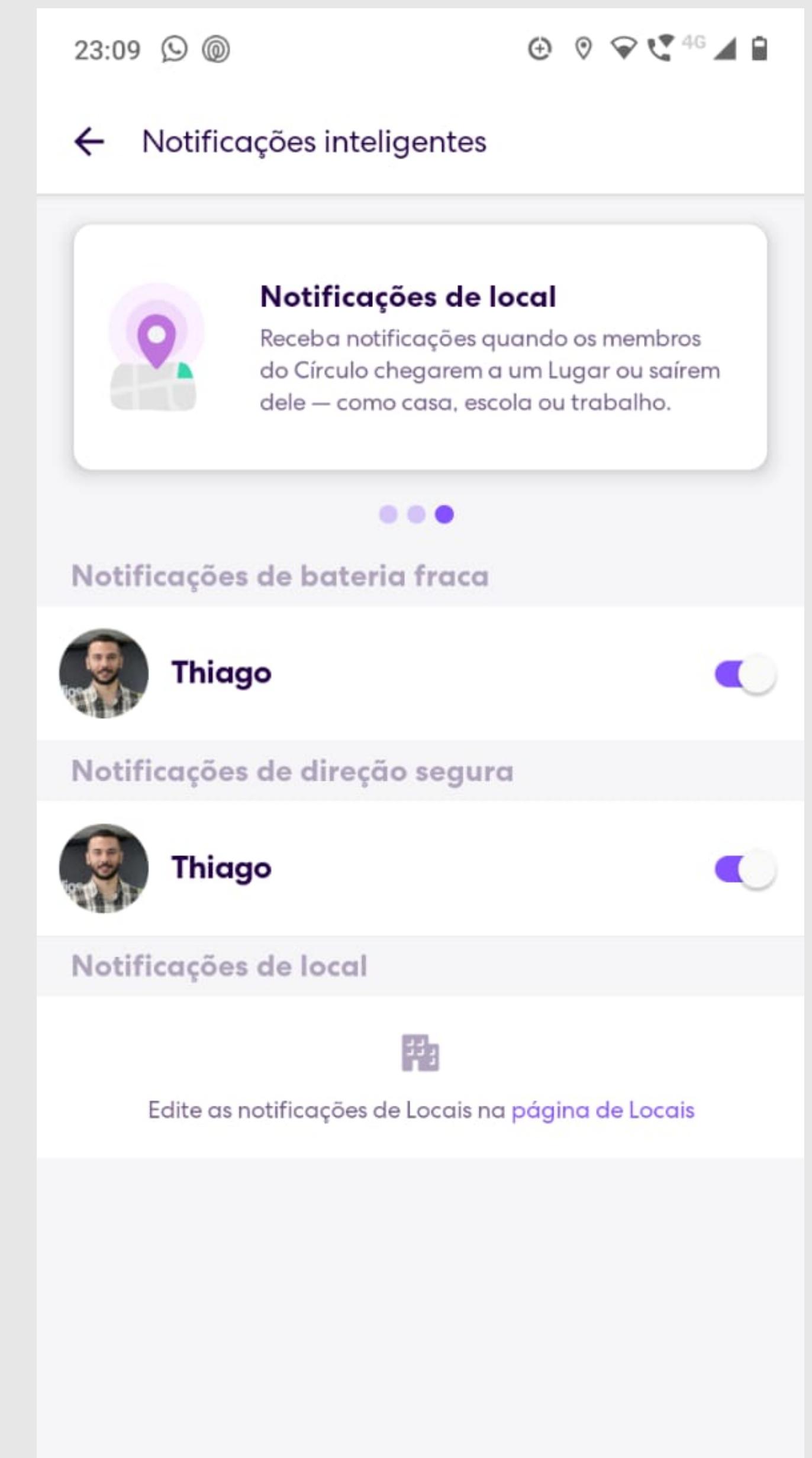
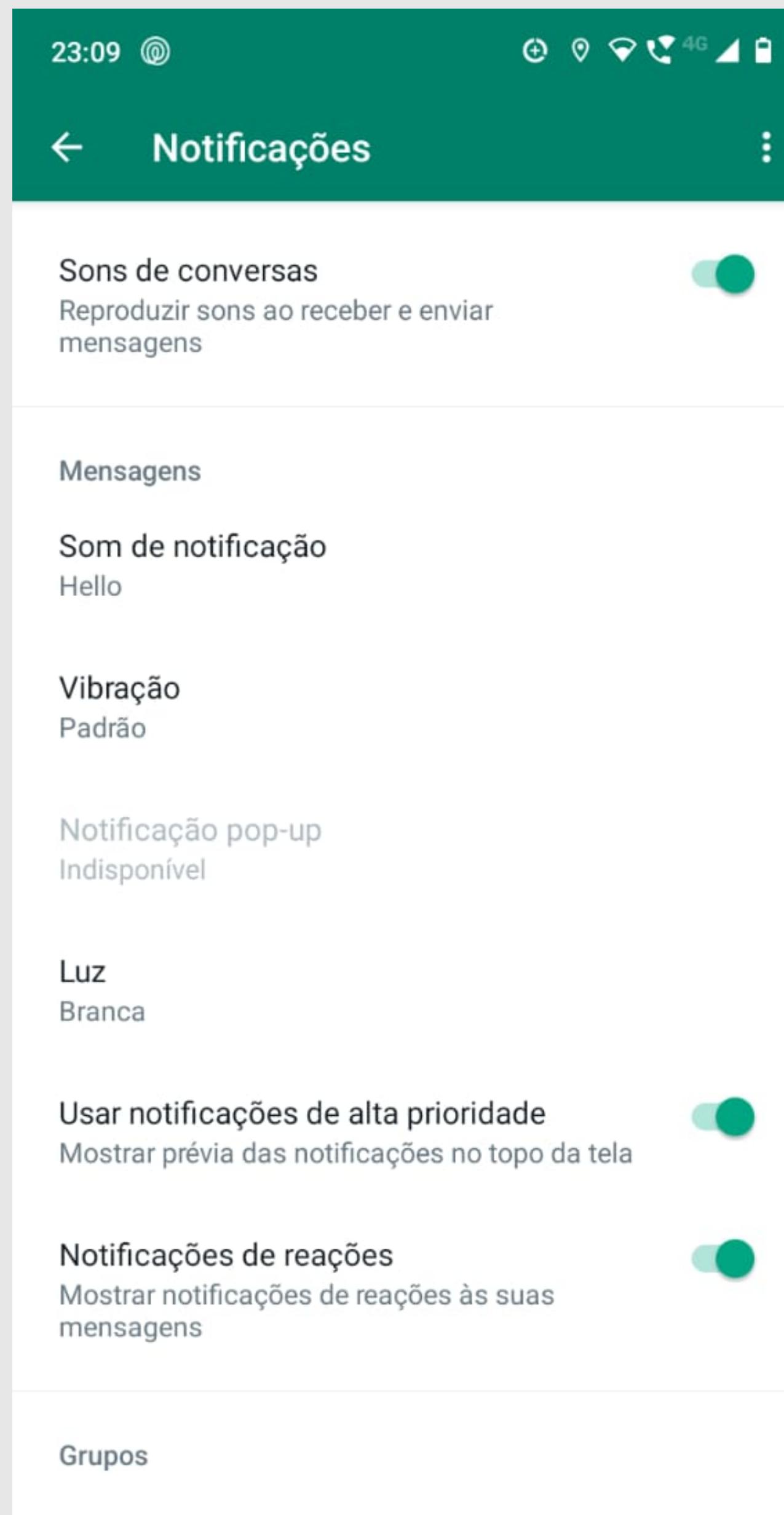
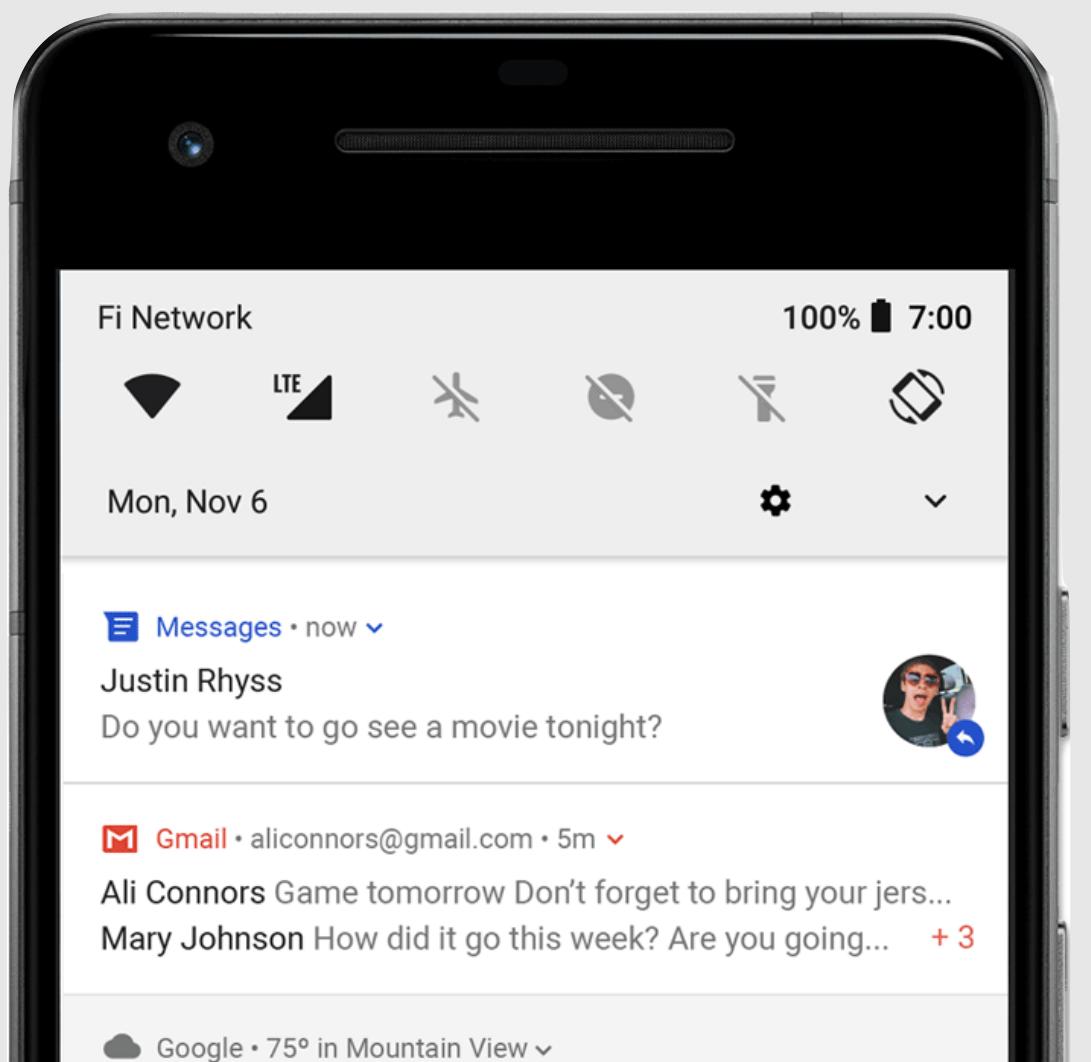
## Permissões

## Lembretes

## Campanhas

## Central de notificações

# Notificações



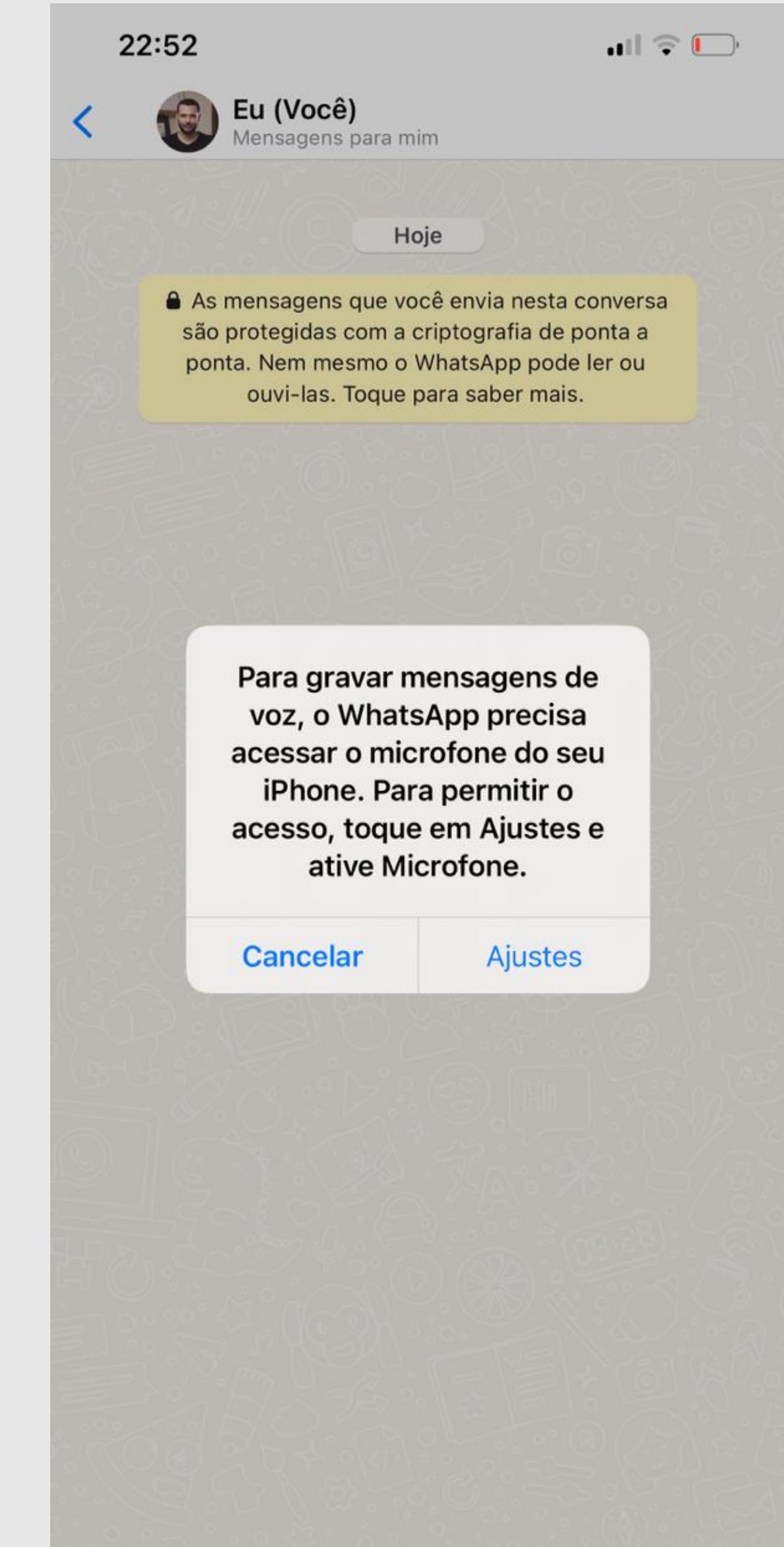
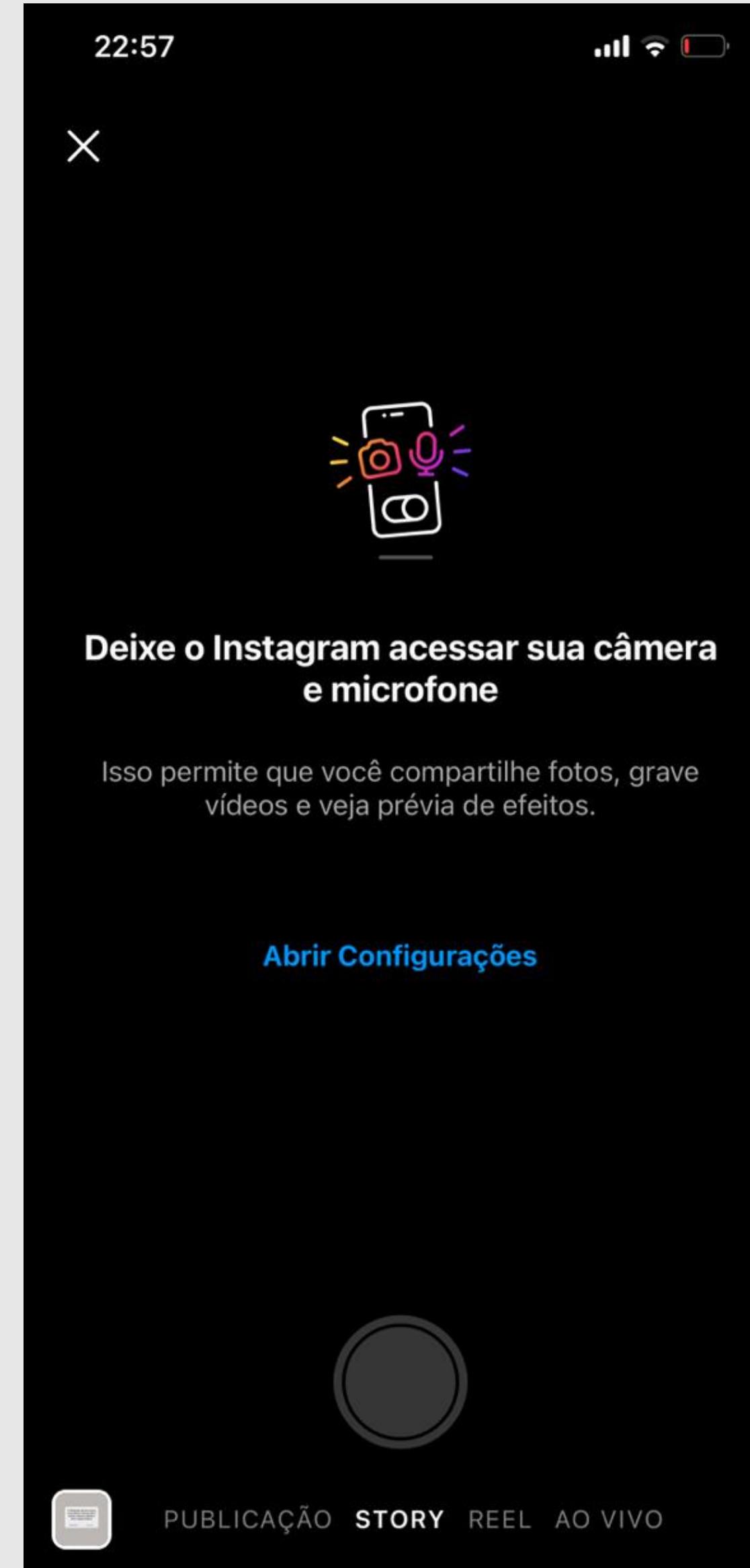
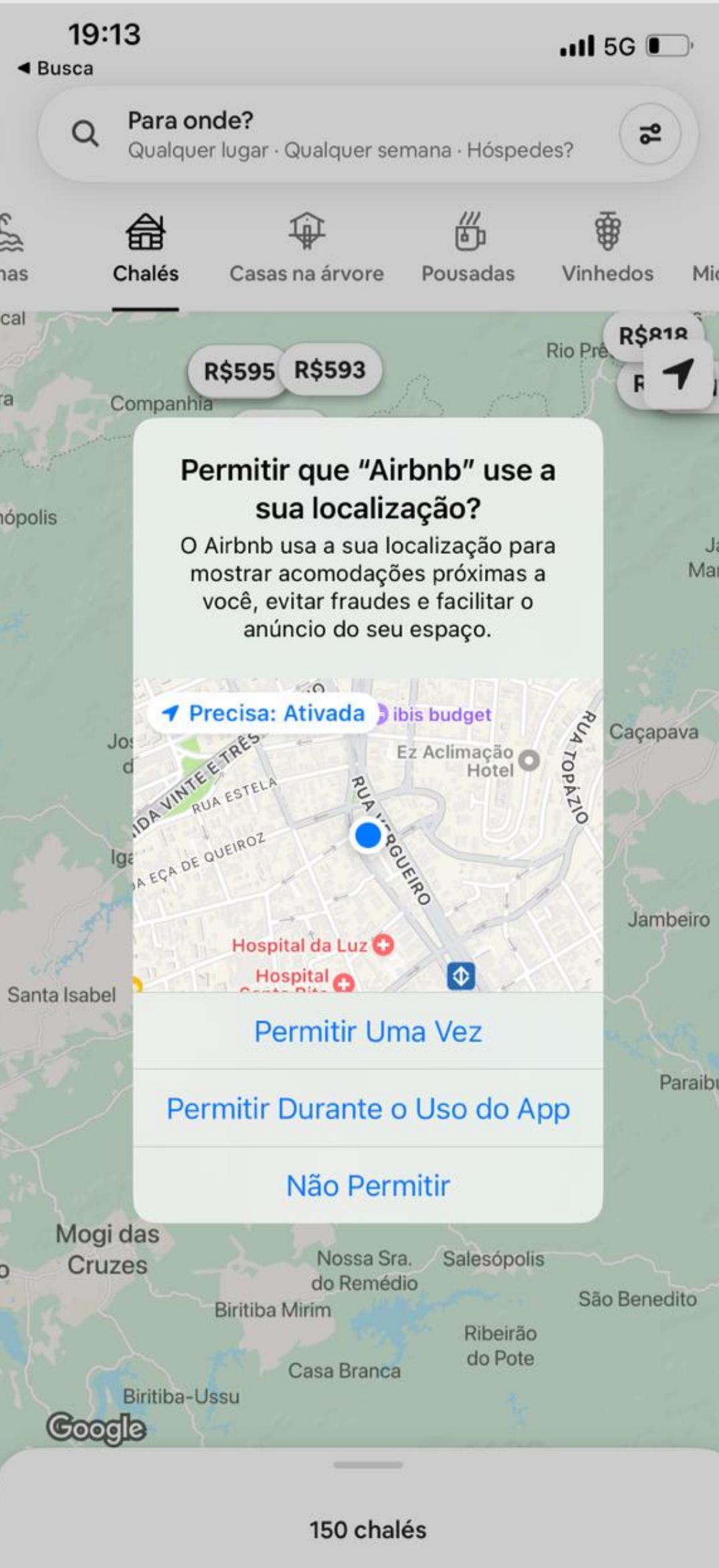
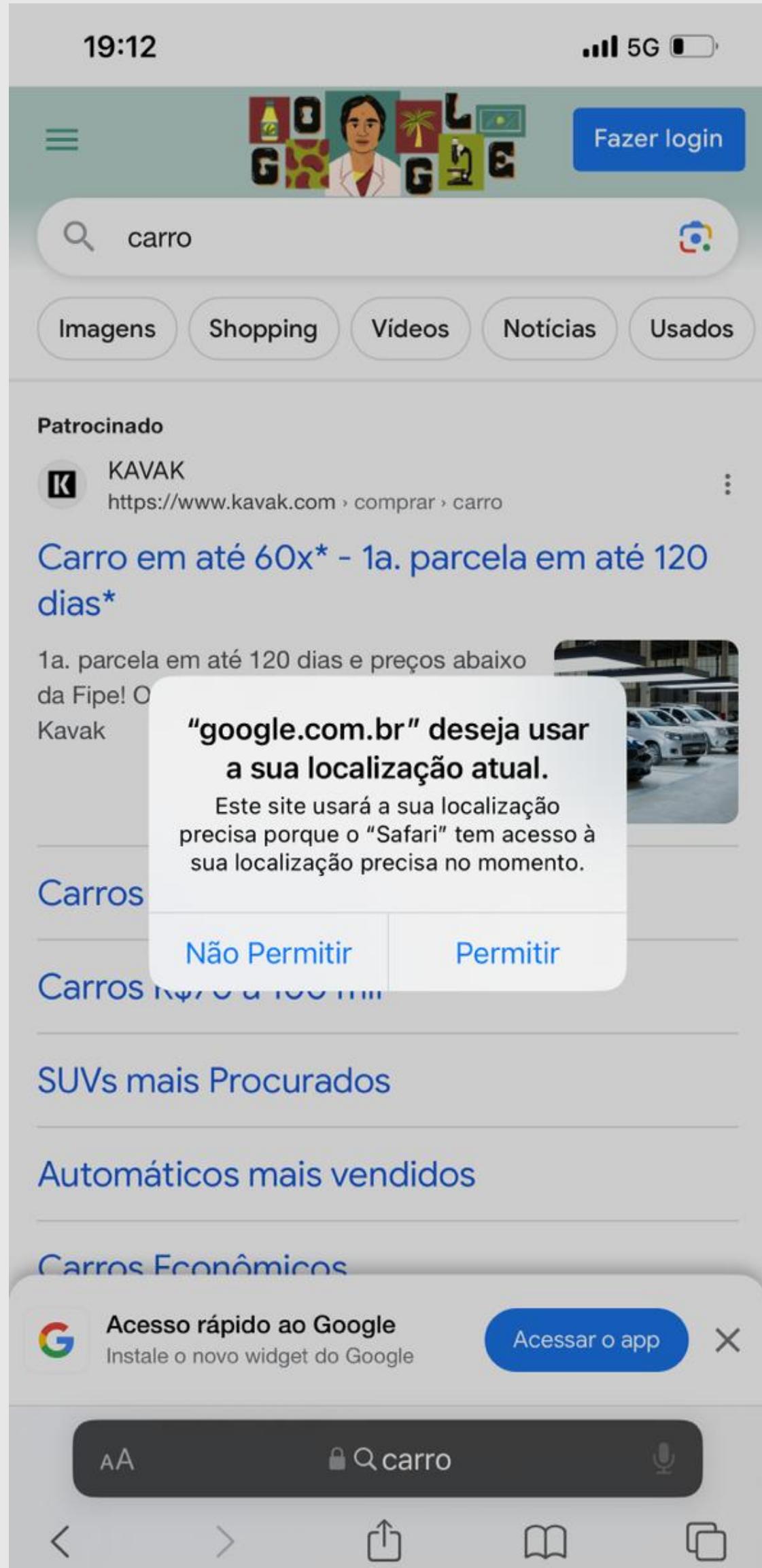
# Permissões

Enviar notificações

(LGPD) Compartilhar dados como  
geolocalização, e-mail, telefone,  
saúde etc

Acessar câmera, microfone, agenda de  
contatos, galeria de fotos

# Permissões



# Biometria

Login, validar transações (picpay), validar dispositivo

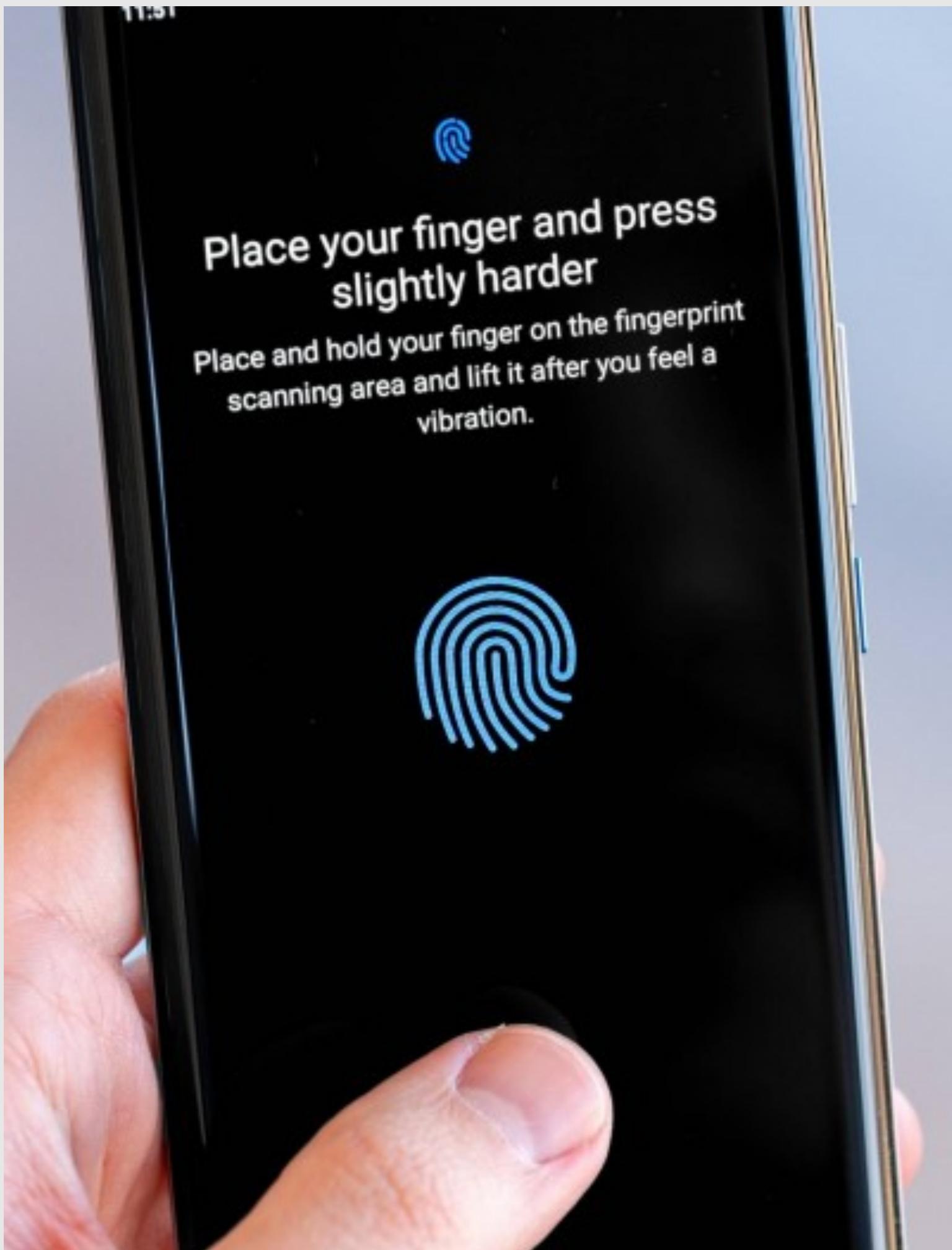
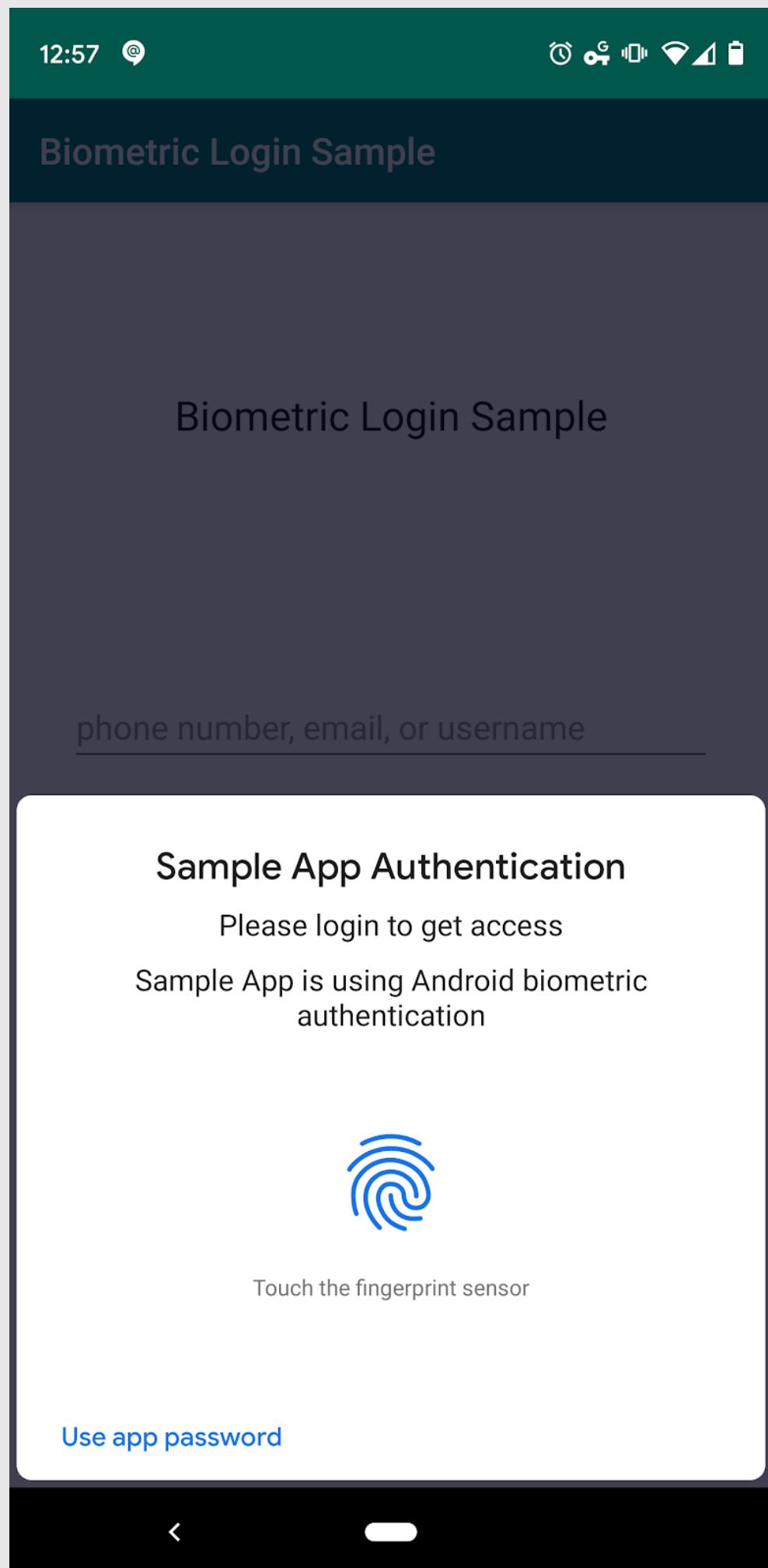
Fingerprint

Digital

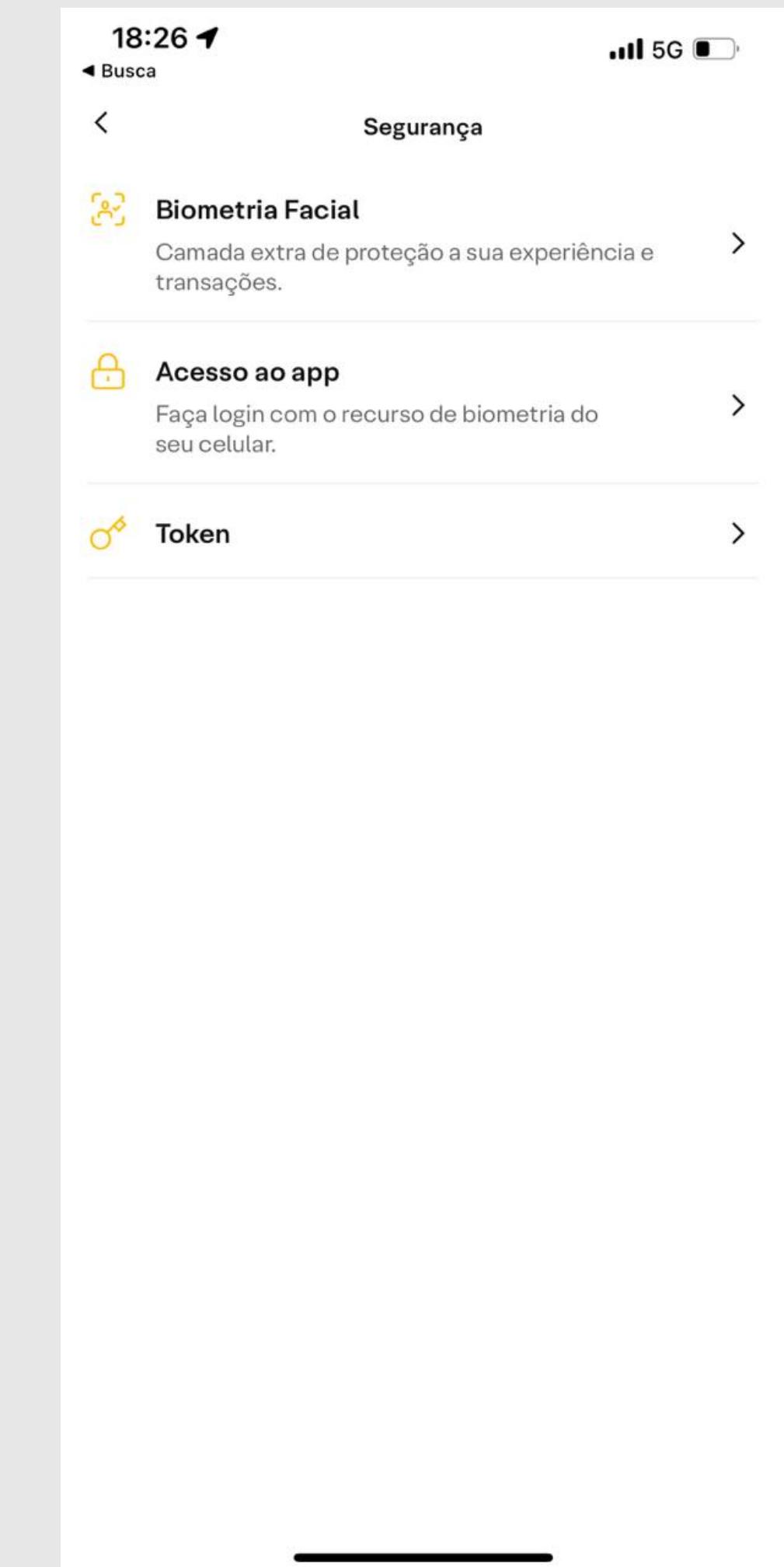
Face id

Reconhecimento  
facial

# Biometria



Finger print



Face ID

# **Características dos dispositivos móveis - Pt. 2**

# PERFORMANCE E HARDWARE

# Performance

Tirar proveito de  
funcionalidades, integrar com  
APIs, cache, programação  
otimizada

**Giroscópio e acelerômetro**

**Detecção de velocidade**

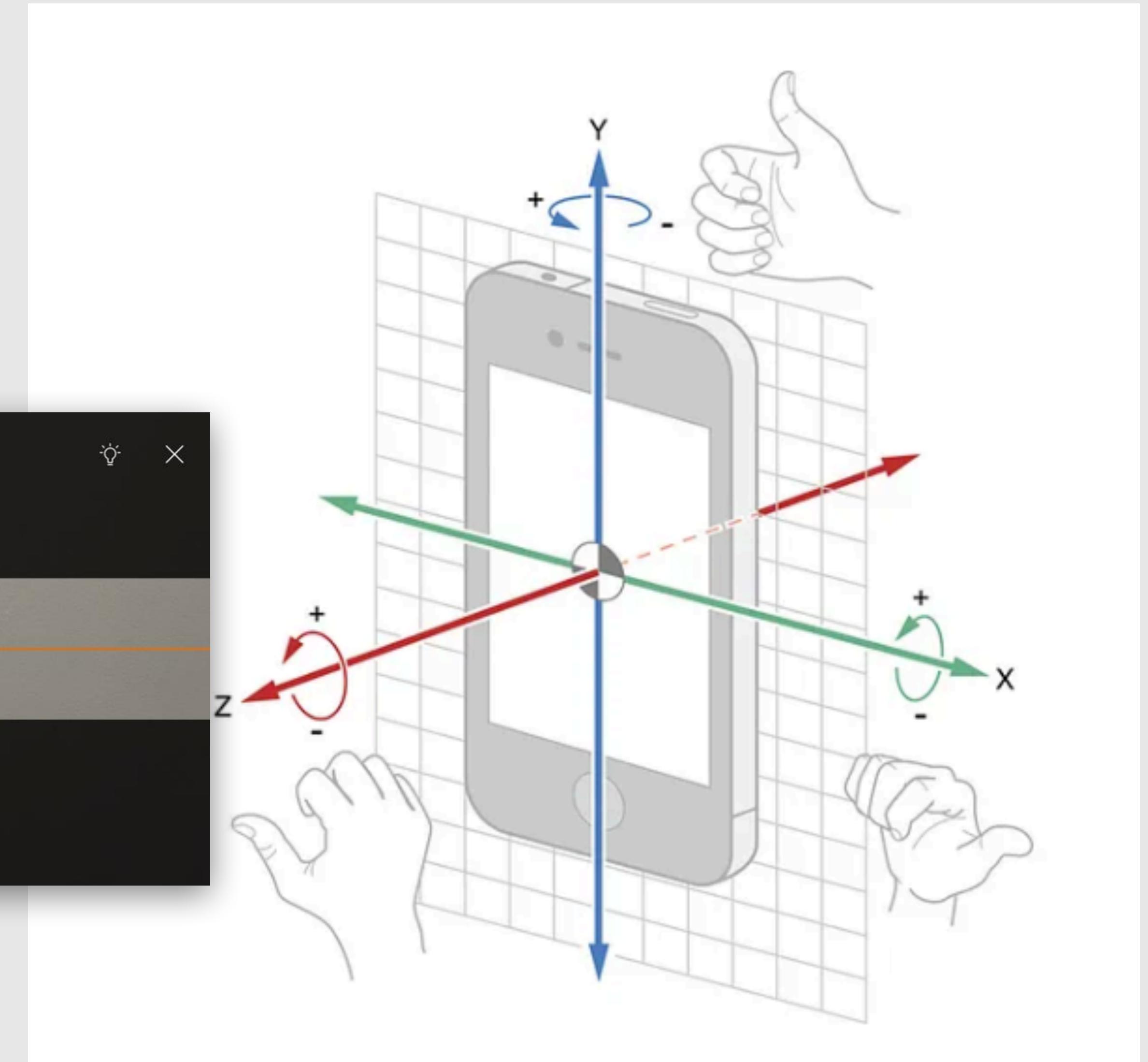
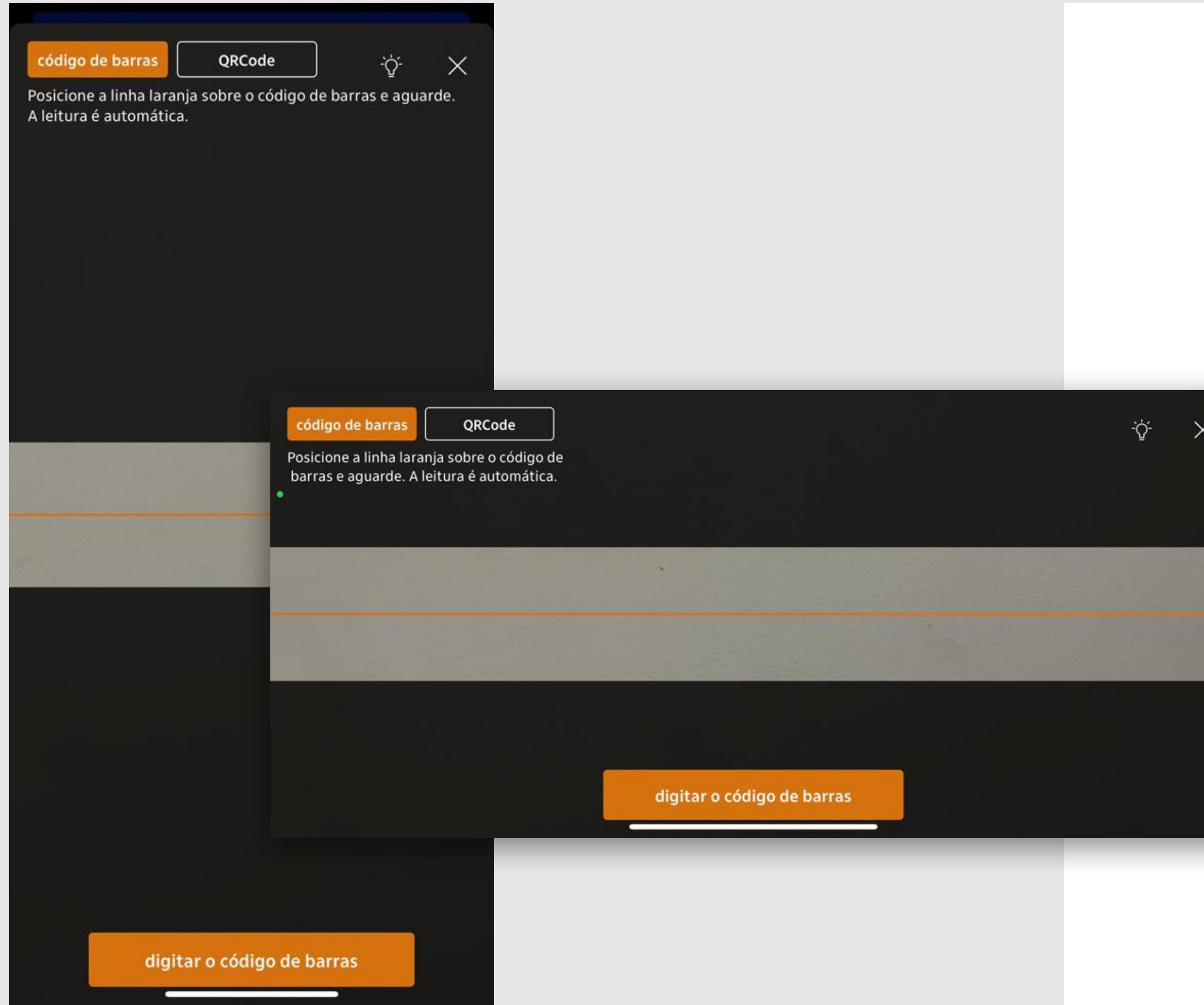
**Waze**

**Life 360**

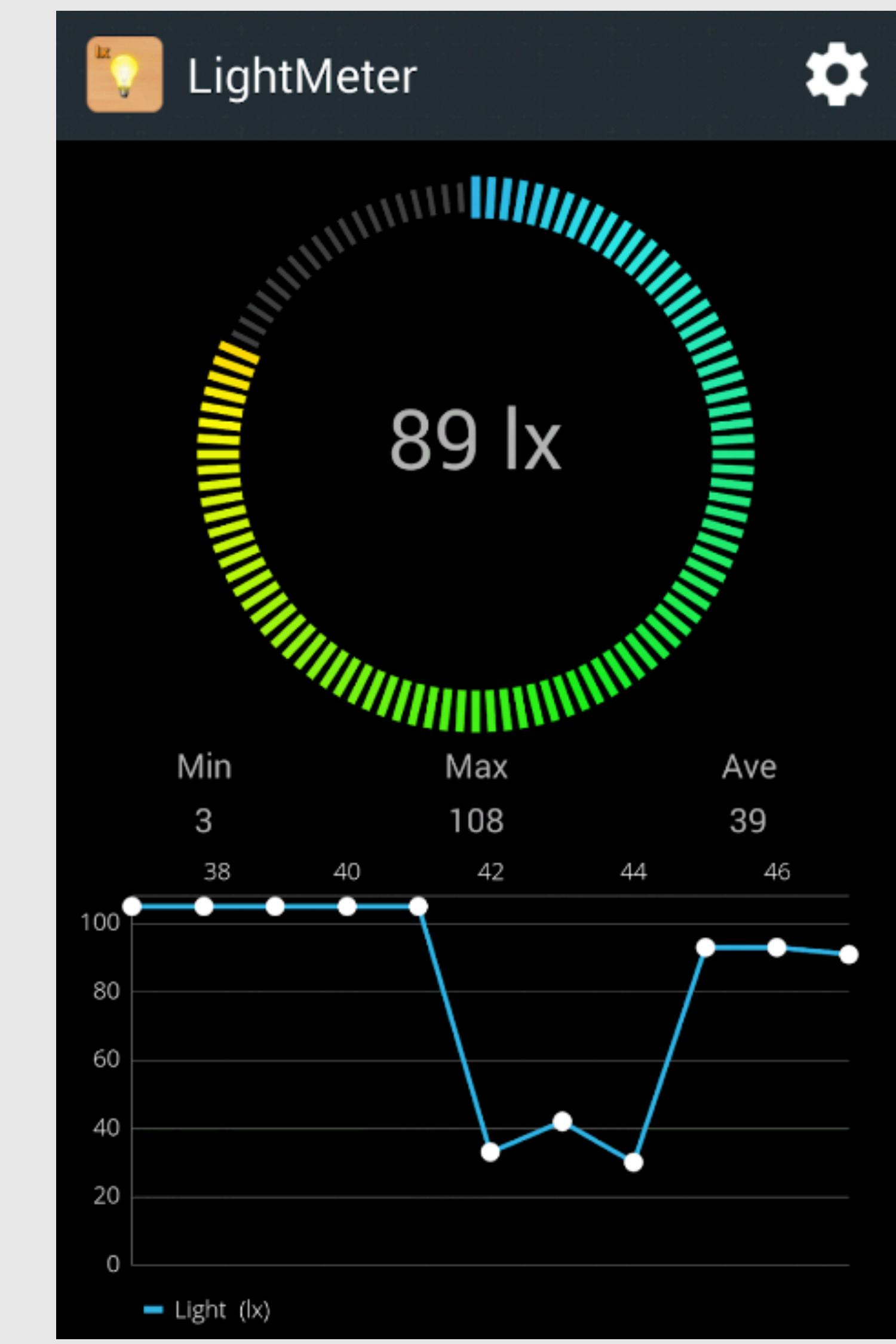
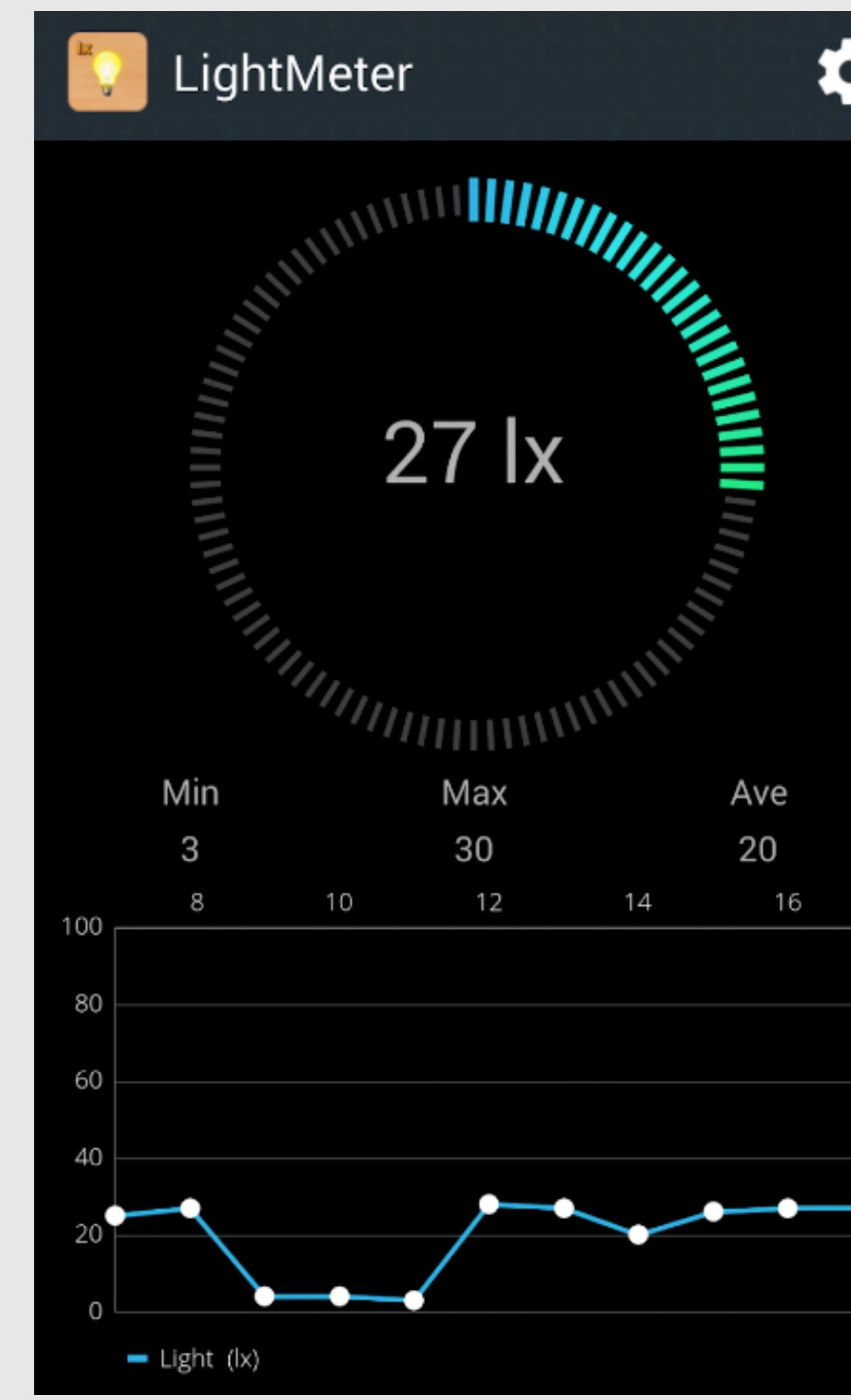
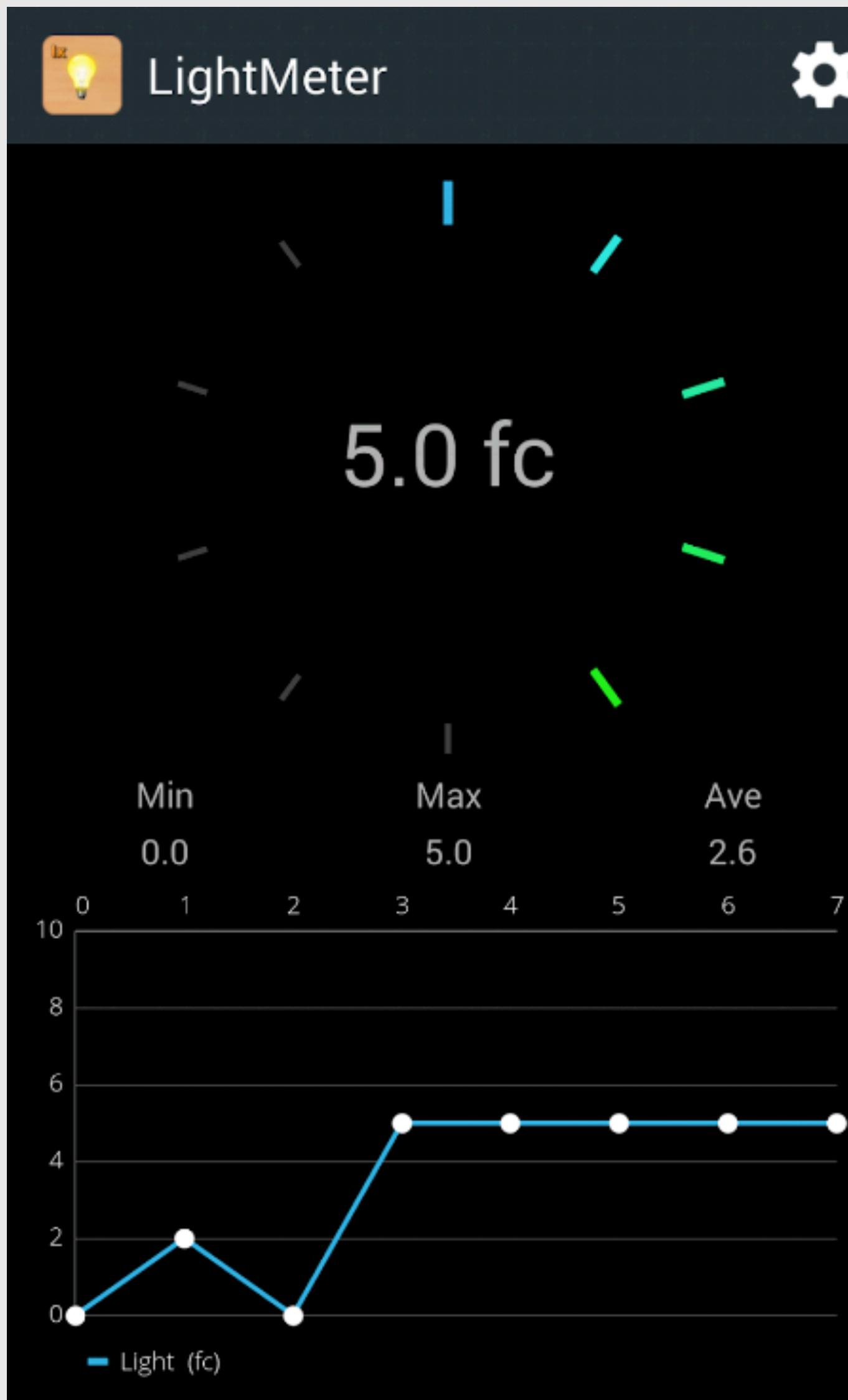
**Detectar orientação do dispositivo**

**Landscape x Portrait**

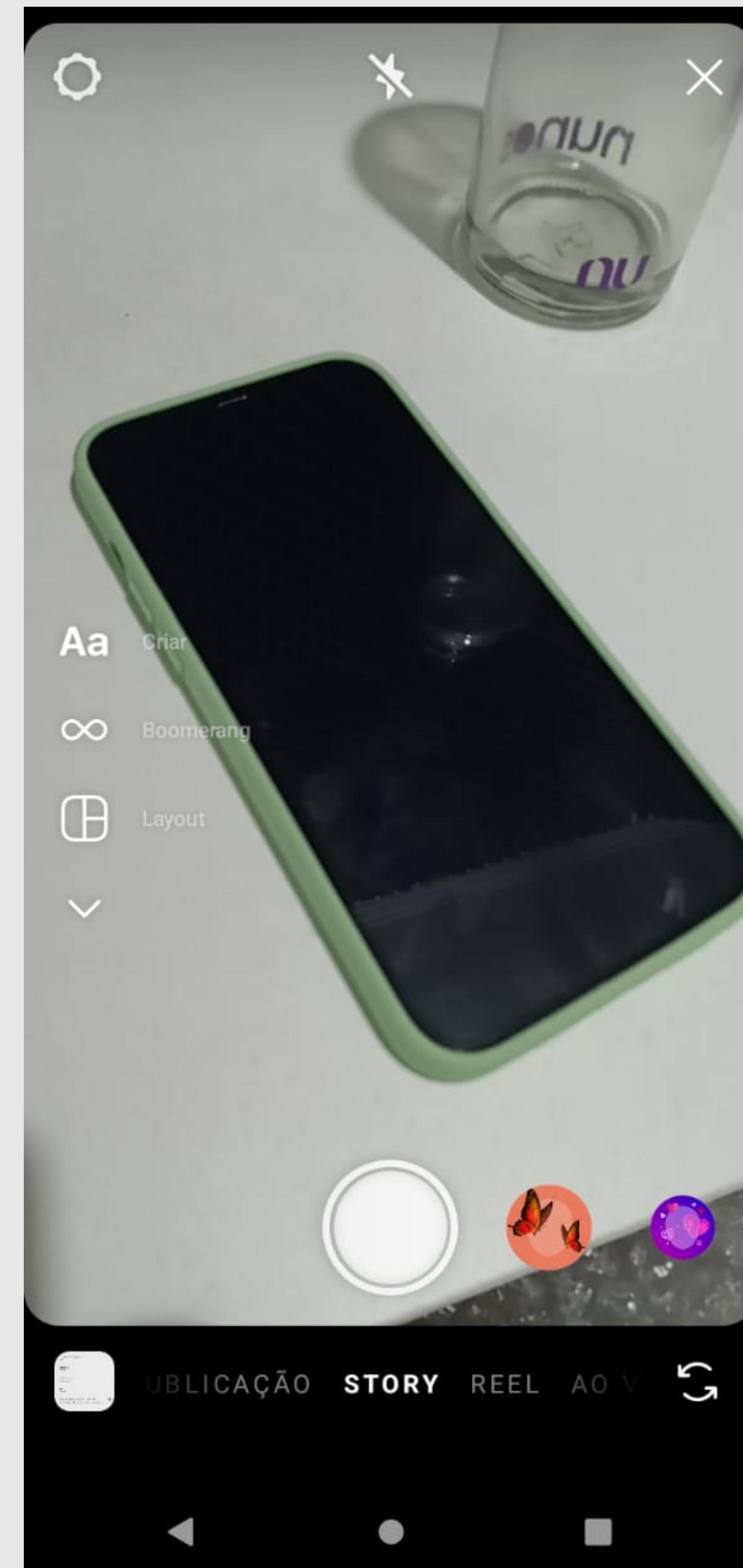
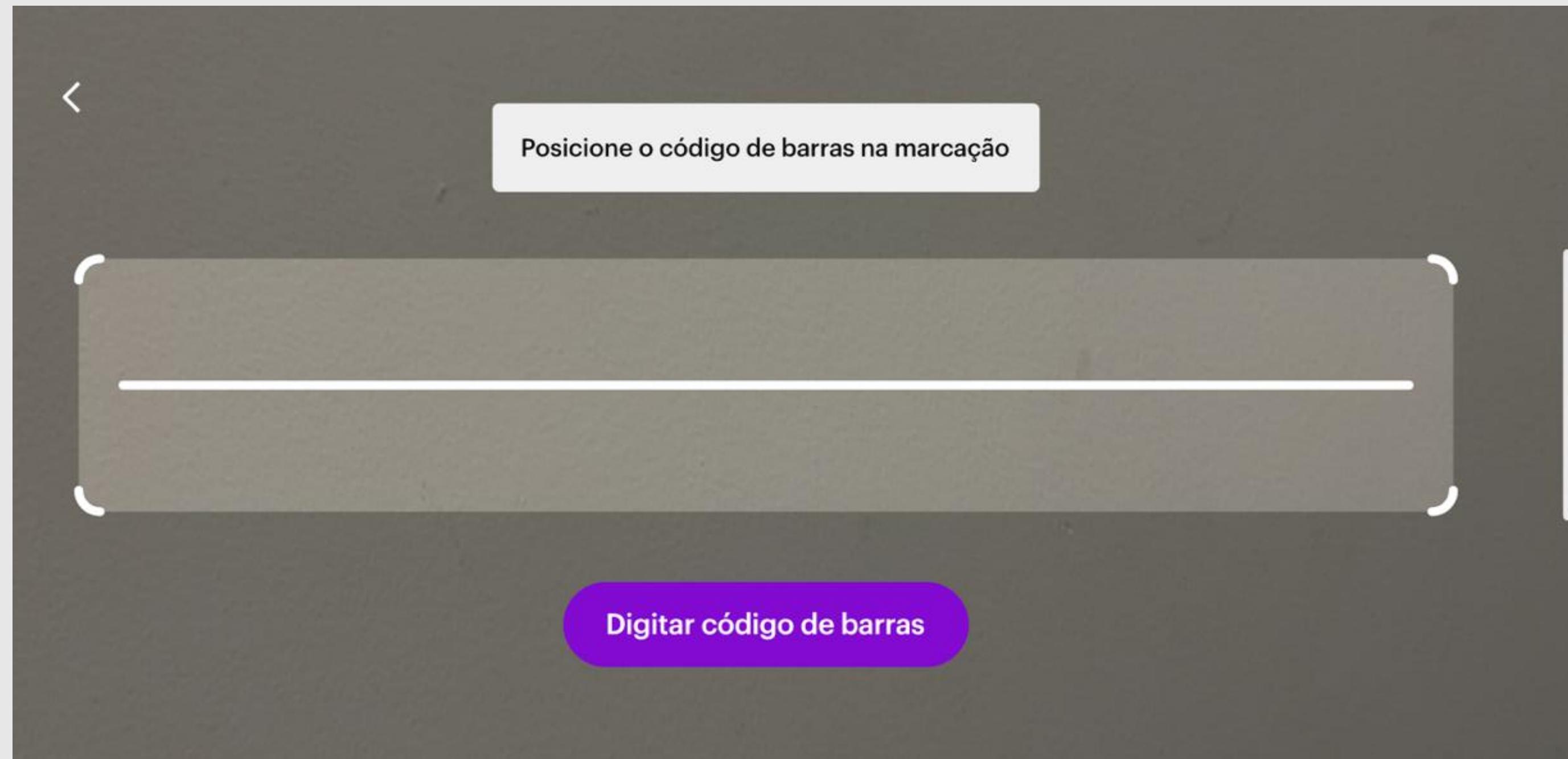
# Giroscópio e acelerômetro



# Sensor de luminosidade



# Câmera



# Áudio

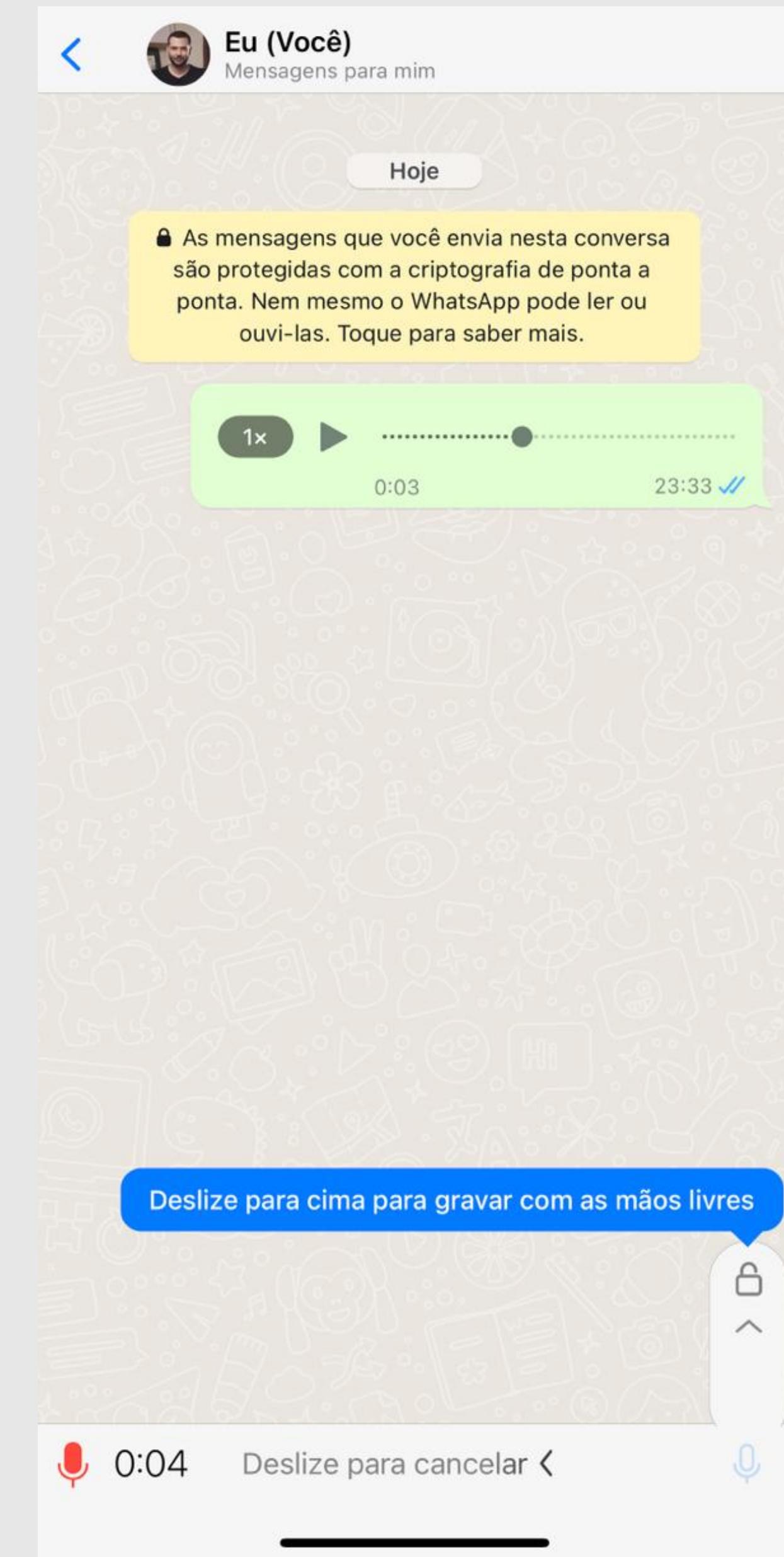
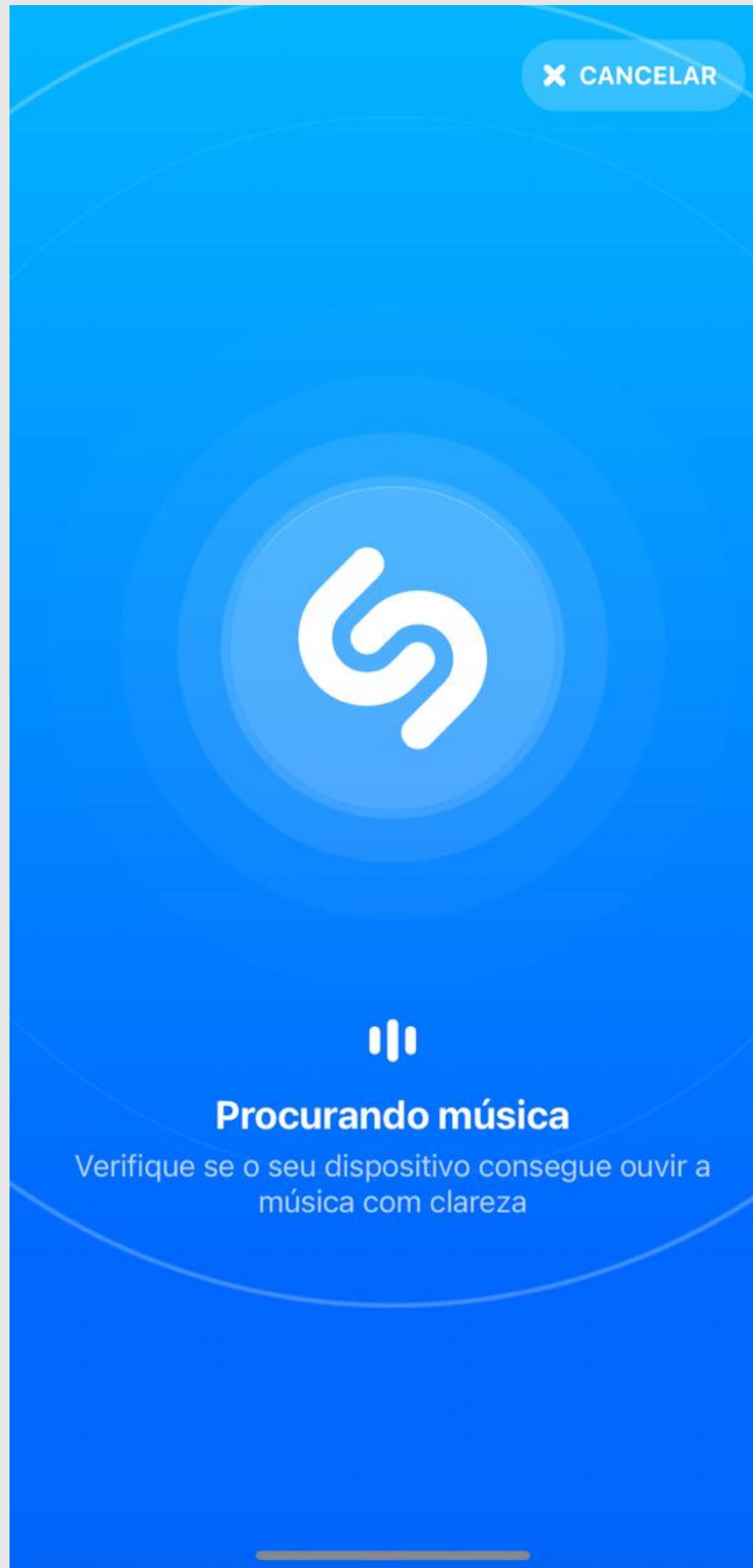
Som Ambiente

Notificações

Sound design

Música, mensagens de áudio

# Áudio



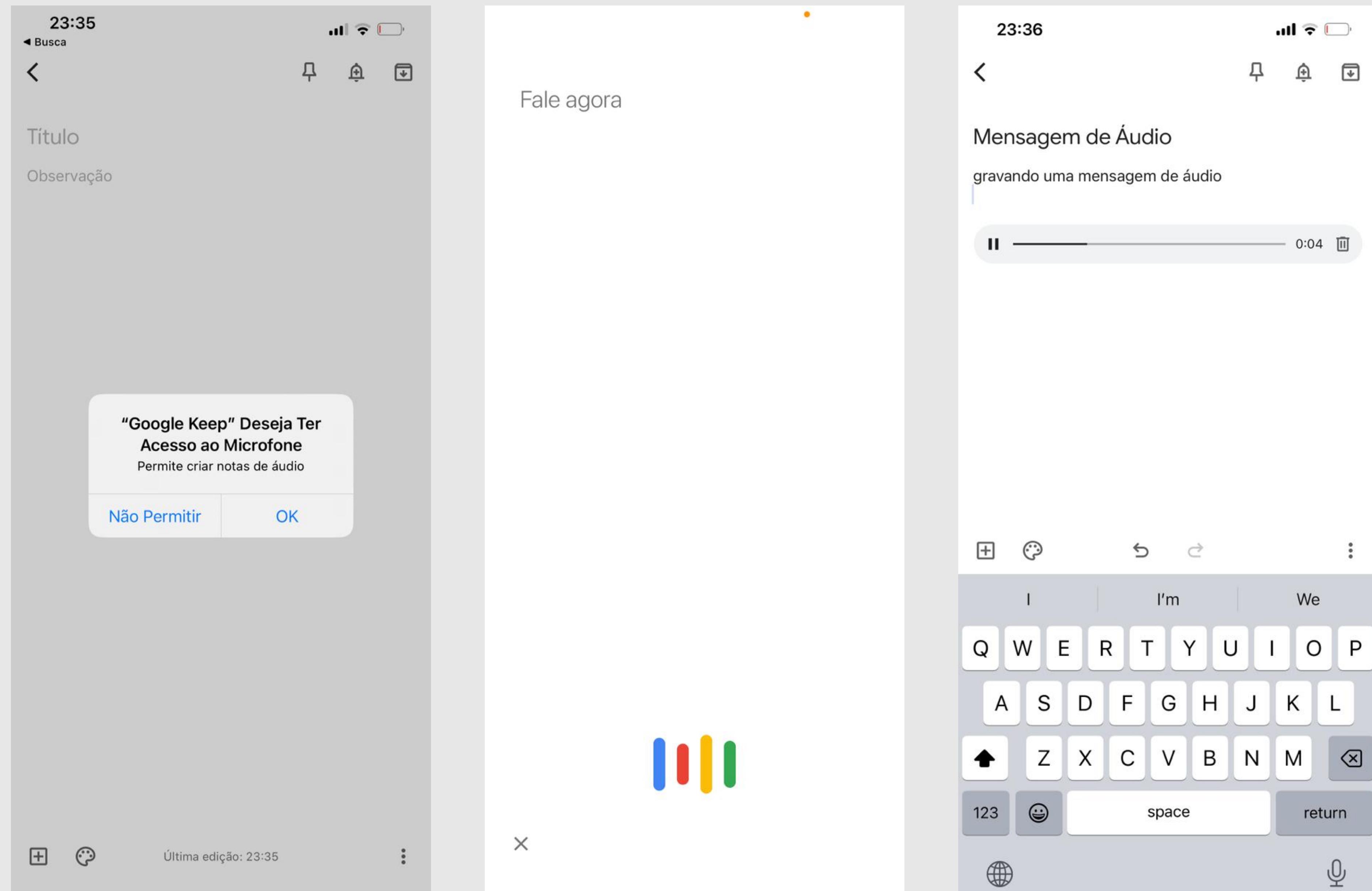
# **Microfone**

**Comandos por voz**

**Envio de mensagens**

**Registro de conteúdo (Evernote,  
google keep)**

# Microfone



**Vibração**

**Notificações**

**Feedback**

**Acessibilidade**

# REPERTÓRIO DE FUNÇÕES E POSSIBILIDADES

# Repertório

Inovação

Conhecimento

Necessidades do usuário

O usuário pode limitar

ATE A  
PRÓXIMA  
AULA!



escola  
britânica de  
artes criativas  
& tecnologia