



# SPRINT REVIEW II

TIME 06 - SIM CARD



# TIME 06



**ANDREINA OLIVEIRA**

Scrum Master



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Developer



**EDIVALDO JUNIOR**

Developer



**STHEFANYE OLIVEIRA**

Developer



**WESLLEN COSTA**

Developer

# PRODUCT OWNER'S

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A blurred background image of a person sitting at a desk in an office, looking at a computer screen. The person is wearing a dark t-shirt and has long hair. The office has large windows with a view of greenery outside.

**ÁUREA MELO**

UEA

**EDGARD SILVA**

UEA

**OSCAR NETO**

Eldorado

**FERANDO ITO**

Eldorado



# Objetivo

Adicionar no AOSP um recurso que salve um identificador do SIM Card para detectar e notificar se houver troca por outro SIM Card.



# Critérios de Aceitação

- Identificar SIM Card.
- Notificar trocas de SIM Card.
- Controle de SIM Card.

# SPRINT I

Início da Sprint: 16/05/21

Fim da Sprint: 22/05/21

Objetivo:

- Esboçar tela Home
- Incluir Notificações
- Pesquisar integração com Banco de Dados



# SPRINT BACKLOG ANTIGO

## SPRINT BACKLOG

ID	Tarefa	Previsto	Realizado	Prioridade
#18	Tela Home - Implementar Layout Activity	04:40:00		MÉDIA
#19	Tela Home - Implementar Main Activity	08:00:00		MÉDIA
#26	Estudar o Sistema de Notificação	04:20:00		ALTA
#27	Implementar Sistema de Notificação	07:40:00		ALTA
#28	Estudar SQLite Android	05:20:00		ALTA
#29	Modelar dados da aplicação	09:00:00		MÉDIA
#30	Debug da Aplicação	03:40:00		BAIXA

# MUDANÇAS SPRINT BACKLOG



Removido:

- Estudar SQLite Android.
- Modelar dados da Aplicação.



Incluído:

- Pesquisar o armazenamento no Kernel.
- Implementar Logs da aplicação.



Bate Papo Time 06  
[Visualizar no Google Agenda](#)

Quando ter. 18 mai. 2021 8pm – 8:20pm (AMT)

Quem Sthefanye Guimarães Oliveira, Wesllen Vaconcelos Costa, Marcos Augusto de Souza Pinto...

# SPRINT BACKLOG

SPRINT BACKLOG				
ID	Tarefa	Previsto	Realizado	Prioridade
#18	Tela Home - Implementar Layout Activity	4:00		MÉDIA
#19	Tela Home - Implementar Main Activity	8:00		MÉDIA
#26	Estudar o Sistema de Notificação - Identificar o	4:00		MÉDIA
#27	Debug da Aplicação	3:00		ALTA
#28	Pesquisar o armazenamento no Kernel	9:00		ALTA
#29	Implementar Logs da aplicação	5:00		ALTA
#30	Implementar Sistema de Notificação	7:00		ALTA

#28

# ARMAZENAMENTO

People also ask

The screenshot shows a Microsoft Docs page. At the top left is the Microsoft logo. To its right are links for 'Documentação' and a three-dot menu. Below the header, the URL path is visible: 'Docs / Microsoft C++ , C e Assembler / Desenvolvimento móvel multiplataforma / Tutoriais / Criar um aplicativo de Atividade Nativa do Android'. On the far left, there's a 'Sumário' button. The main content area features a large title 'Criar um aplicativo de Atividade Nativa do Android' in bold black font. Below the title is a timestamp '17/10/2019 • 2 minutos para o fim da leitura •' followed by a small profile picture of a person.

- APP à nível de Sistema.
- Armazenamento em txt.
- Restringir a leitura e escrita.



Previsto: 9h  
Realizado: 13h

aluno@aluno-Lenovo-Y720-15IKB: ~



#27

## DEBUG

```
02-14 01:11:29.672 764 2457 D ACDB-LOADER: ACDB -> audstrm_cal->cal_type.cal_data.cal_size = 16
02-14 01:11:29.672 764 2457 D ACDB-LOADER: ACDB -> send_afe_topology
02-14 01:11:29.672 764 2457 D ACDB-LOADER: ACDB -> acdb_id 512, Topology Id 10001ccc
02-14 01:11:29.672 764 2457 D ACDB-LOADER: ACDB -> TABLE_SIZE
02-14 01:11:29.672 764 2457 D ACDB-LOADER: ACDB -> TABLE
02-14 01:11:29.672 764 2457 D ACDB-LOADER: ACDB -> send_hw_delay : acdb_id = 512 path = 1
02-14 01:11:29.672 764 2457 D ACDB-LOADER: ACDB -> ACDB_AVSYNC_INFO: ACDB_CMD_GET_DEVICE_PROPERTY
02-14 01:11:29.672 1411 1411 I vol.Events: writeEvent dismiss_dialog volume_controller
02-14 01:11:29.672 764 2457 D audio_hw_primary: enable_audio_route: usecase(24) apply and update mixer path: spkr-vi-record vi-feedback
02-14 01:11:29.672 764 2457 D audio_route: Apply path: spkr-vi-record vi-feedback
02-14 01:11:29.675 782 D android.hardware.power@1.3-service.crosshatch-libperfmgr: AUDIO STREAMING ON
02-14 01:11:29.713 764 2457 D ACDB-LOADER: ACDB -> send_audio_cal, acdb_id = 513, path = 0, app id = 0x11130, sample rate = 48000
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> send_asm_topology
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AUDPROC_STREAM_TOPOLOGY_ID
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> send_adm_topology
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AUDPROC_COMMON_TOPOLOGY_ID
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> send_audtable
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AUDPROC_COMMON_TABLE_SIZE
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AUDPROC_COMMON_TABLE
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> AUDIO_SET_AUDPROC_CAL
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> send_audvoltable
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AUDPROC_VOL_STEP_TABLE_SIZE
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AUDPROC_GAIN_DEP_STEP_TABLE, vol index 0
02-14 01:11:29.714 764 2457 D ACDB-LOADER: Failed to fetch the lookup information of the device 00000201
02-14 01:11:29.714 764 2457 E ACDB-LOADER: Error: ACDB_AudProc.vol returned = -19
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> AUDIO_SET_VOL_CAL cal type = 12
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AUDPROC_STREAM_TABLE_SIZE
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> send_audstrmtable
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AUDPROC_STREAM_TABLE_V2
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> audstrm_cal->cal_type.cal_data.cal_size = 456
02-14 01:11:29.714 764 2457 D ACDB-LOADER: ACDB -> send_afe_topology
02-14 01:11:29.715 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AFE_TOPOLOGY_ID
02-14 01:11:29.715 764 2457 D ACDB-LOADER: ACDB -> GET_AFE_TOPOLOGY_ID for adcd_id 513, Topology Id 10000ccc
02-14 01:11:29.715 764 2457 D ACDB-LOADER: ACDB -> send_afe_cal
02-14 01:11:29.715 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AFE_COMMON_TABLE_SIZE
02-14 01:11:29.715 764 2457 D ACDB-LOADER: ACDB -> ACDB_CMD_GET_AFE_COMMON_TABLE
02-14 01:11:29.715 764 2457 D ACDB-LOADER: ACDB -> AUDIO_SET_AFE_CAL
02-14 01:11:29.715 764 2457 D ACDB-LOADER: ACDB -> send_hw_delay : acdb_id = 513 path = 0
02-14 01:11:29.715 764 2457 D ACDB-LOADER: ACDB -> ACDB_AVSYNC_INFO: ACDB_CMD_GET_DEVICE_PROPERTY
02-14 01:11:29.715 764 2457 D audio_hw_primary: enable_audio_route: usecase(1) apply and update mixer path: low-latency-playback speaker
02-14 01:11:29.715 764 2457 D audio_route: Apply path: low-latency-playback speaker
02-14 01:11:29.782 764 2457 D audio_hw_primary: out_write: retry previous failed cal level set
02-14 01:11:29.783 782 D android.hardware.power@1.3-service.crosshatch-libperfmgr: AUDIO STREAMING OFF
02-14 01:11:29.818 1134 1180 D AutocompleteService: Close system dialogs
02-14 01:11:29.819 1411 1411 V StatusBar: mStatusBarWindow: com.android.systemui.statusbar.phone.StatusBarWindowView{ffa9366 V.ED..... ..... 0,0-1080,66} canPanelBeCollapsed(): false
02-14 01:11:29.819 1411 1411 I vol.Events: writeEvent dismiss_dialog volume_controller
02-14 01:11:29.819 1134 1261 I ActivityManager: START u0 {act=android.intent.action.MAIN cat=[android.intent.category.HOME] flg=0x10200000 cmp=com.android.launcher3/.Launcher (has extinfo) from uid 1000
02-14 01:11:33.068 764 1240 D audio_hw_primary: disable_audio_route: usecase(1) reset and update mixer path: low-latency-playback speaker
02-14 01:11:33.010 764 1240 I audio_hw_cirrus_playback: audio_extn_spkr_prot_stop_processing: pcm_tx_close
02-14 01:11:33.019 764 1240 D audio_hw_primary: disable_audio_route: usecase(24) reset and update mixer path: spkr-vi-record vi-feedback
02-14 01:11:33.019 764 1240 D audio_hw_primary: disable_snd_device: snd_device(103: vi-feedback)
```



Previsto: 3h  
Realizado: 1h

#29

## LOGS

```
02-13 21:42:17.089 3818 3818 I Time06 : Numero: +5592999823003
02-13 21:42:17.090 3818 3818 I Time06 : ICCID: 8955319929986822644
02-13 21:42:17.091 3818 3818 I Time06 : Operadora: Oi
02-13 21:42:24.522 3818 3818 I Time06 : Numero: +5592999823003
02-13 21:42:24.523 3818 3818 I Time06 : ICCID: 8955319929986822644
02-13 21:42:24.525 3818 3818 I Time06 : Operadora: Oi
02-13 21:42:58.970 3818 3818 I Time06 : Numero: null
02-13 21:42:58.972 3818 3818 I Time06 : ICCID: null
02-13 21:42:58.973 3818 3818 I Time06 : Operadora: null
02-13 21:43:04.372 3818 3818 I Time06 : Numero: null
02-13 21:43:04.373 3818 3818 I Time06 : ICCID: null
02-13 21:43:04.374 3818 3818 I Time06 : Operadora: null
aluno@aluno-Lenovo-Y720-15IKB:~$ █
```



Previsto: 5h  
Realizado: 3h

#26

# NOTIFICAÇÃO

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developers 

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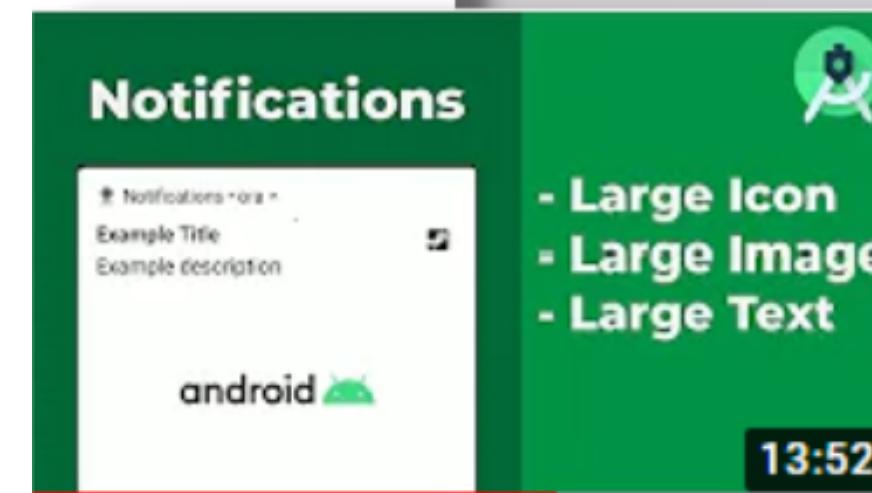
DOCUMENTAÇÃO

Desenvolvedores Android > Documentos > Guias Classificar e avaliar  

## Criar uma notificação

Índice ▾

- Adicionar a Biblioteca de Suporte
- Criar uma notificação básica
  - Definir o conteúdo das notificações
  - Criar um canal e definir a importância
  - Definir a ação de toque da notificação
  - ...



## Creating Notifications in Android Studio 2020 (Kotlin)

Code Palace • 7 mil visualizações

Hey guys! We'll be creating a notification channel + notifications that send you to the app when tapped on. We will



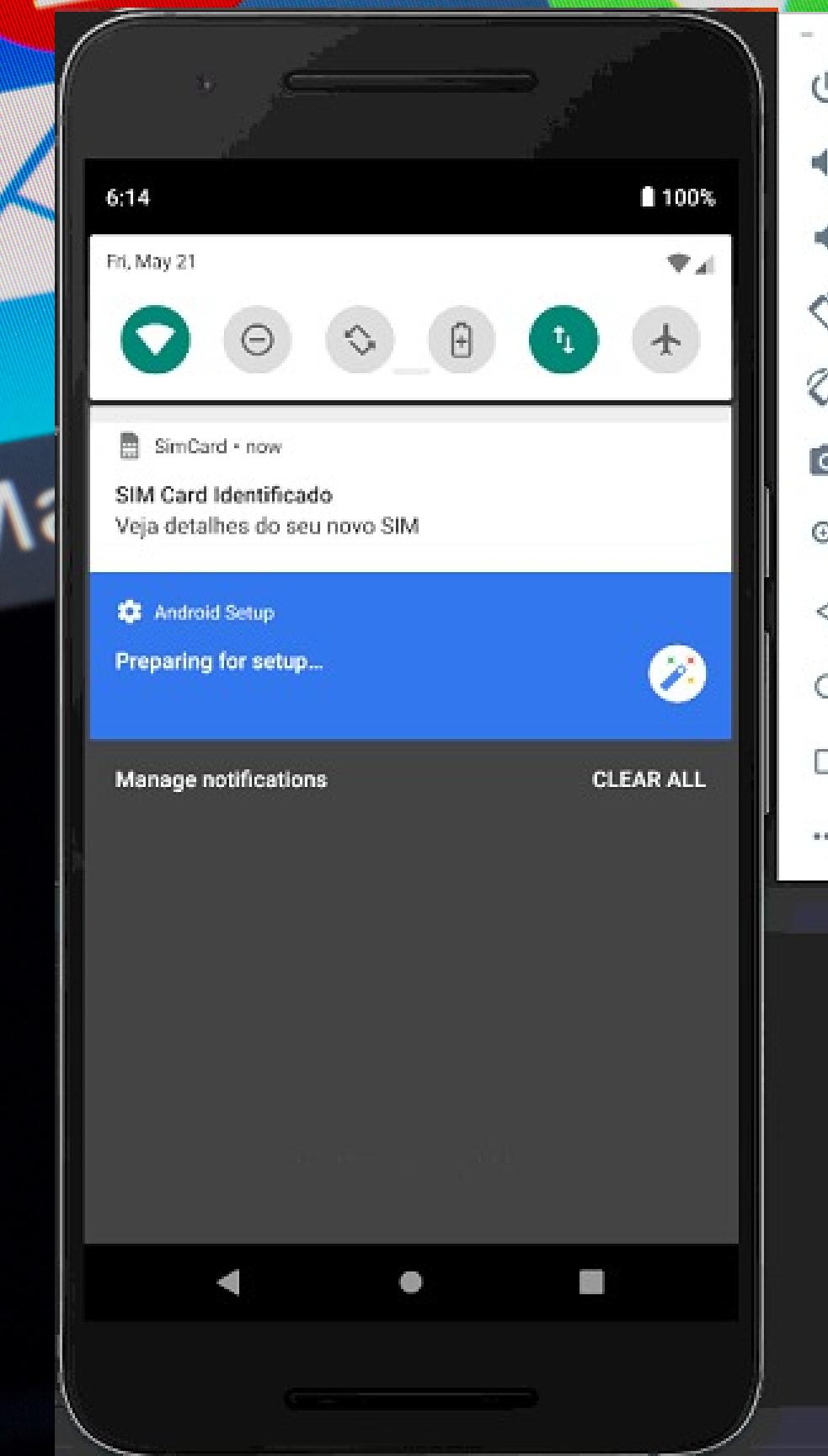
Previsto: 4h  
Realizado: 2h

#30

# NOTIFICAÇÃO



- `createNotificationChannel()`
- `sendNotification()`



Previsto: 7h  
Realizado: 2h

#19

## MAIN ACTIVITY

```
private fun createNotificationChannel(){  
    if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.O){  
        val name = "Notification Title"  
        val descriptionText = "Notification description"  
        val importance = NotificationManager.IMPORTANCE_DEFAULT  
        val channel = NotificationChannel(CHANNEL_ID, name,importance).apply { this.NotificationChannel  
            description = descriptionText  
        }  
        val notificationManager: NotificationManager = getSystemService(Context.NOTIFICATION_SERVICE)  
        notificationManager.createNotificationChannel(channel)  
    }  
  
    private fun sendNotification(){  
        val intent = Intent(packageContext: this, MainActivity::class.java).apply { this.intent  
            flags = Intent.FLAG_ACTIVITY_NEW_TASK or Intent.FLAG_ACTIVITY_CLEAR_TASK  
        }  
        val pendingIntent: PendingIntent = PendingIntent.getActivity(context: this, requestCode  
            val builder = NotificationCompat.Builder(context: this, CHANNEL_ID)  
                .setSmallIcon(R.drawable.ic_notification)  
                .setContentTitle("SIM Card Identificado")  
                .setContentText("Veja detalhes do seu novo SIM")  
                .setContentIntent(pendingIntent)  
                .setPriority(NotificationCompat.PRIORITY_DEFAULT)  
  
            with(NotificationManagerCompat.from(context: this)){ this.NotificationManagerCompat  
                notify(notificationId, builder.build())  
            }  
    }  
}
```

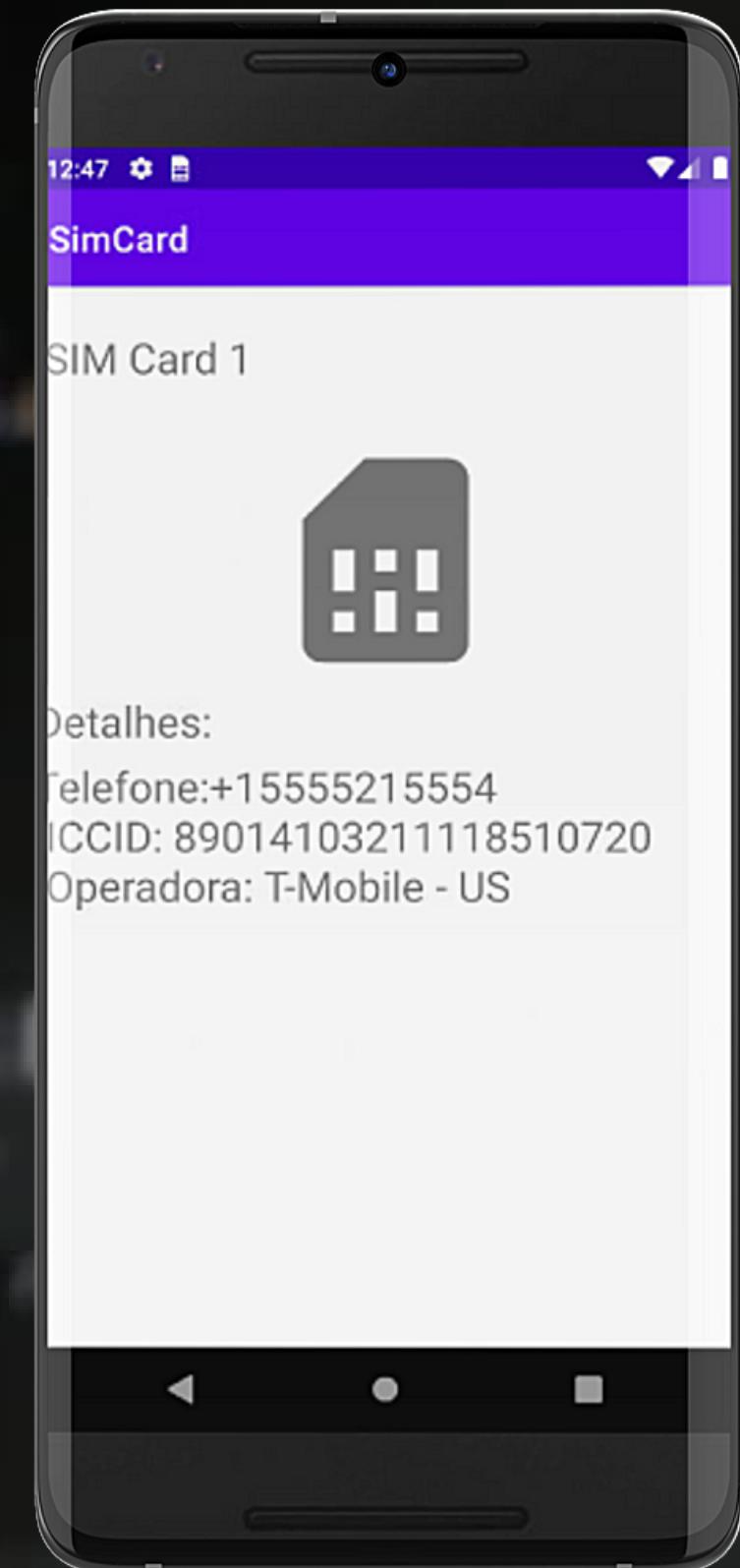
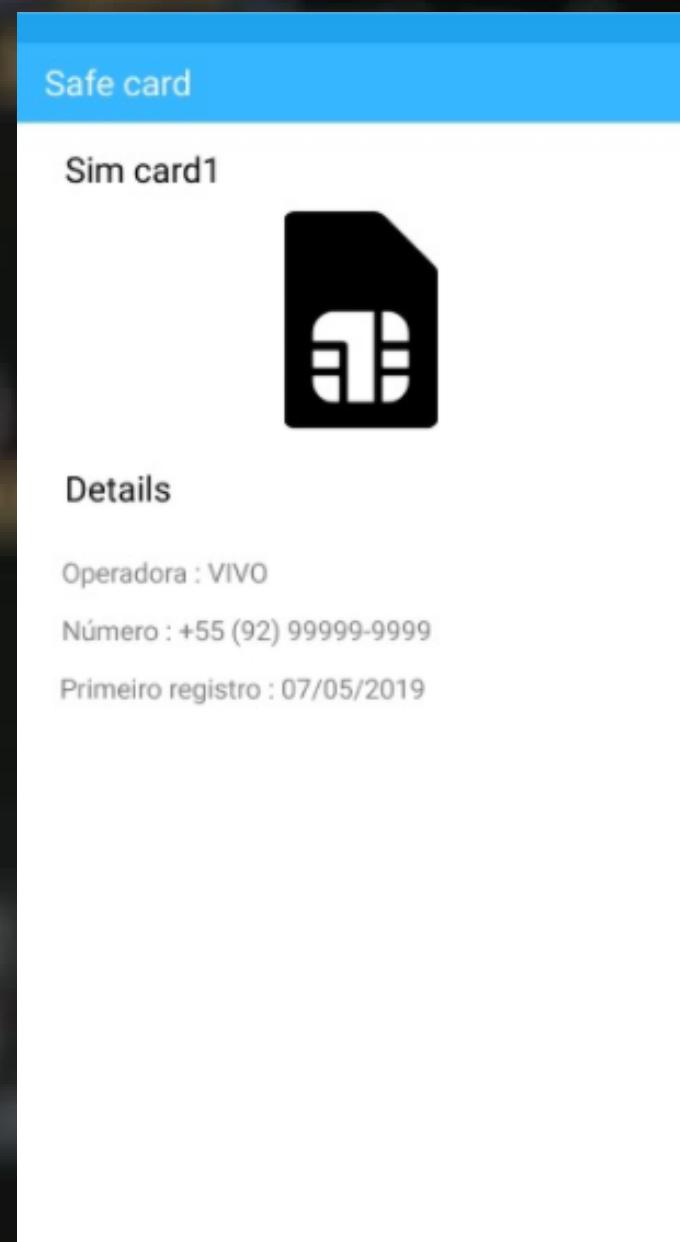
```
@SuppressLint("MissingPermission")  
fun getSerialNumber(): String{  
    val telephonyManager =  
        this.getSystemService(Context.TELEPHONY_SERVICE) as TelephonyManager  
    val number = telephonyManager.line1Number  
    Log.i(TAG, msg: "Número: " + number)  
    val iccid = telephonyManager.simSerialNumber  
    Log.i(TAG, msg: "ICCID: " + iccid)  
    val operadora = telephonyManager.simCarrierIdName  
    Log.i(TAG, msg: "Operadora: " + operadora)
```



Previsto: 8h  
Realizado: 9h

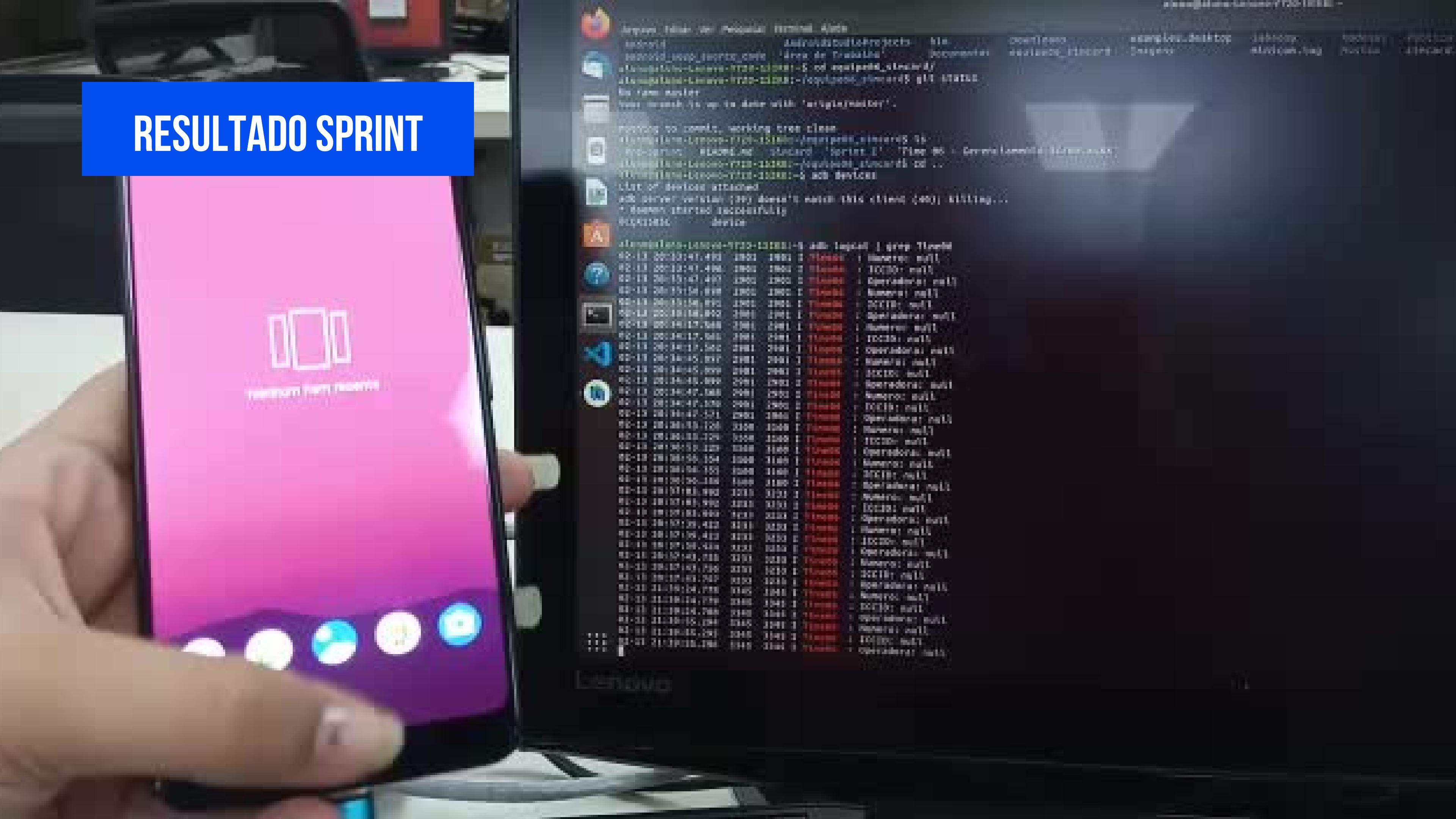
#18

# LAYOUT ACTIVITY



Previsto: 4h  
Realizado: 2h

# RESULTADO SPRINT



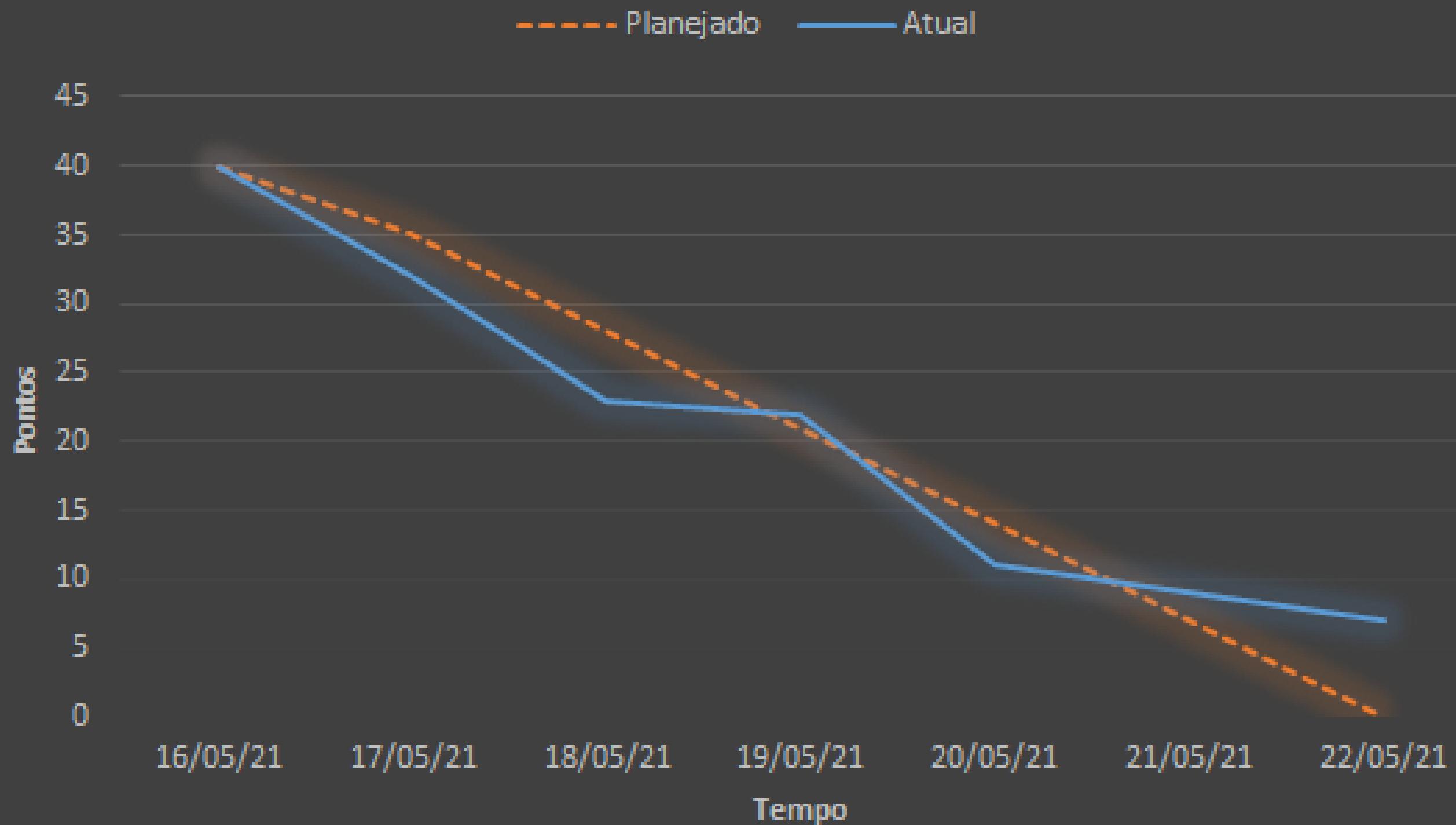
## SPRINT BACKLOG

### SPRINT BACKLOG

ID	Tarefa	Previsto	Realizado	Prioridade
#18	Tela Home - Implementar Layout Activity	4:00	2:00	ENTREGUE
#19	Tela Home - Implementar Main Activity	8:00	9:00	ENTREGUE
#26	Estudar o Sistema de Notificação - Identificar o	4:00	2:00	ENTREGUE
#27	Debug da Aplicação	3:00	1:00	ENTREGUE
#28	Pesquisar o armazenamento no Kernel	9:00	13:00	ENTREGUE
#29	Implementar Logs da aplicação	5:00	4:00	ENTREGUE
#30	Implementar Sistema de Notificação	7:00	2:00	ENTREGUE

# BURNDOWN CHART

## Burndown Chart - Sprint II



Previsto	Realizado	Restante
40:00:00	33:00:00	7:00:00

# REFERÊNCIAS



## PESQUISAS

- [Microsoft](#)
- [Developer Android](#)
- [Youtube](#)



## GIT LAB LINKS

- [Repositório](#)
- [Backlog/Burndown](#)