

Sistema de Chamada Inteligente

**Integrantes: Tais Bruno, Hugo Bianchini, Natalia Bruno, Pedro
Xavier, Andre Balbi, Adriano Souza**

Decisões técnicas

Gerente: Tais Bruno

Product Owner: Hugo Bianchini

Tecnologias utilizadas:

Frontend: Flutter

Backend: Spring

Banco de dados: PostgreSQL

Infraestrutura: AWS

Containerização e Orquestração: Docker e Docker-Compose

Integração contínua: GitHub Actions

Serviços da AWS utilizados:

- Amazon EC2 (Elastic Compute Cloud)
- Amazon S3 (Simple Storage Service)

Controle de Versões (Git) - Topologia Distribuída

```
* commit af37959685091187b0c83297b34e2f89759a1ce4
Merge: fbfd92 c1968d2
Author: Adriano Souza <adrianosg@id.uff.br>
Date: Mon Nov 20 22:18:25 2023 -0300

    Merge pull request #119 from Taisbruno/43-dev-atestado

    add text input

* commit c1968d2ceb6a66ced75828dfeee67b6ce7dba904 (origin/43-dev-atestado)
Author: Adriano Souza <adrianosg@id.uff.br>
Date: Mon Nov 20 22:13:18 2023 -0300

    fix imports

* commit 0d02abde7537f0b537b8a2a6d1487d21ab45fdd1
/ Author: Adriano Souza <adrianosg@id.uff.br>
Date: Mon Nov 20 22:06:03 2023 -0300

    add text input

* commit fbfd9230d4cec2d098f5558d87996310c7f4831
Merge: a065488 be5bfa
Author: Pedro Costa Xavier <67056157+PedroCXavier@users.noreply.github.com>
Date: Mon Nov 20 21:25:57 2023 -0300

    Merge pull request #118 from Taisbruno/40-finished-call-atestado

    Completed Finished Call Screen

* commit be5bfa0148d4ca04d22a37a222ca39c1ab7bd48 (origin/40-finished-call-atestado)
Author: Pedro Xavier <pedrocostaxavier@gmail.com>
Date: Mon Nov 20 21:18:51 2023 -0300

    Fix: Removed unused imports

* commit 7d2931291a6860421dcaed9817f36e176a666d39
Merge: 6753fa8 a065488
/ Author: Pedro Xavier <pedrocostaxavier@gmail.com>
Date: Mon Nov 20 21:02:29 2023 -0300

    Merge branch 'main' of https://github.com/Taisbruno/chamada-inteligente-uff into 40-finished-call-atestado

* commit a0654888d4019d66567583835a09a71b17800e71
Merge: 3beb726 c9bc1fb
/ Author: Hugo Vieira Bianquini <hugobianqui@hotmail.com>
Date: Mon Nov 20 17:07:42 2023 -0300

    Merge pull request #116 from Taisbruno/97-stats-finished-call

    show relation between present students and total students

* commit c9bc1fb99131a96df4178f82ec7bff969cda2927 (origin/97-stats-finished-call)
/ Author: HugoBianquini <hugobianqui@hotmail.com>
Date: Mon Nov 20 14:39:54 2023 -0300


    show relation between present students and total students
```


Estratégia de Ramificação

| All branches | | | | | | | | | |
|--------------|----------------------------|---|---|---------|---|--|------|------------------|-------|
| 🔒 | main | 📄 Updated 2 hours ago by Taisbruno | ✓ | Default | | | | 🔗 | ✎ |
| 🔒 | dev | 📄 Updated 1 hour ago by Taisbruno | ✓ | 0 | 3 | | | New pull request | 🔗 ✎ 🗑 |
| | fix-end-call | 📄 Updated 12 hours ago by HugoBianquini | ✓ | 2 | 0 | | #123 | Merged | 🔗 ✎ 🗑 |
| | feature/upload-certificate | 📄 Updated 15 hours ago by HugoBianquini | ✓ | 4 | 0 | | #121 | Merged | 🔗 ✎ 🗑 |
| | add_locales | 📄 Updated yesterday by HugoBianquini | ✓ | 7 | 0 | | #120 | Merged | 🔗 ✎ 🗑 |
| | 43-dev-atestado | 📄 Updated 2 days ago by adriano-uff | ✓ | 10 | 0 | | #119 | Merged | 🔗 ✎ 🗑 |
| | 40-finished-call-atestado | 📄 Updated 2 days ago by PedrocXavier | ✓ | 13 | 0 | | #118 | Merged | 🔗 ✎ 🗑 |
| | Configurando-links | 📄 Updated 2 days ago by PedrocXavier | | 24 | 1 | | | New pull request | 🔗 ✎ 🗑 |
| | 97-stats-finished-call | 📄 Updated 2 days ago by HugoBianquini | ✓ | 18 | 0 | | #116 | Merged | 🔗 ✎ 🗑 |
| | fix/Recurrent-call | 📄 Updated 2 days ago by Taisbruno | ✓ | 20 | 0 | | #114 | Merged | 🔗 ✎ 🗑 |
| | feat/Title_Icon_Changes | 📄 Updated 3 days ago by Taisbruno | ✓ | 24 | 0 | | #113 | Merged | 🔗 ✎ 🗑 |
| | fix/Down load-Apk | 📄 Updated 4 days ago by Taisbruno | ✓ | 27 | 0 | | #112 | Merged | 🔗 ✎ 🗑 |
| | fix/lint-issues | 📄 Updated 4 days ago by HugoBianquini | ✓ | 34 | 0 | | #111 | Merged | 🔗 ✎ 🗑 |



Pull Requests


Add more commits by pushing to the `97-stats-finished-call` branch on `Taisbruno/chamada-inteligente-uff`.




 **Review required** [Show all reviewers](#)

At least 1 approving review is required by reviewers with write access. [Learn more about pull request reviews.](#)

 **1 pending reviewer** 


 **All checks have passed** [Show all checks](#)

3 successful checks

 **Merging is blocked**

Merging can be performed automatically with 1 approving review.


☐ **Merge without waiting for requirements to be met (bypass branch protections)**


Merge pull request 

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



You're receiving
watching this re

2 participants





 Lock conver

Pull Requests



 **Taisbruno** approved these changes now [View reviewed changes](#)


Add more commits by pushing to the [97-stats-finished-call](#) branch on [Taisbruno/chamada-inteligente-uff](#).




 **Changes approved** [Show all reviewers](#)

1 approving review by reviewers with write access. [Learn more about pull request reviews.](#)


 **1 approval** 

 **All checks have passed** [Show all checks](#)

3 successful checks

 **This branch has no conflicts with the base branch**

Merging can be performed automatically.

Merge pull request 

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Pull Requests

Filters

is:pr is:closed

Labels 9

Milestones 0

New pull request

Clear current search query, filters, and sorts

1 Open

41 Closed

AuthorLabelProjectsMilestonesReviewsAssigneeSort

Fragmented code

#114 by Taisbruno was merged 4 hours ago • Approved

Changed the application title and updated the launcher icon

#113 by Taisbruno was merged 20 hours ago • Approved

Added option to download builded apk and fixed readme

#112 by Taisbruno was merged 2 days ago • Approved

fix lint issues

#111 by HugoBianquini was merged 2 days ago • Approved

[#96] Show students stats

#110 by HugoBianquini was merged 2 days ago • Approved

1

Fix minor bugs

#109 by HugoBianquini was merged 3 days ago • Approved

#37 - Modal Agendar Chamada - Schedule

#108 by balbi-uff was merged 4 days ago • Approved

1

2

[#95] Finish scheduled roll call

#107 by HugoBianquini was merged 5 days ago • Approved

1

43 dev atestado

#106 by adriano-uff was merged 5 days ago • Approved

Added student presence statistics

#105 by PedrocXavier was merged 5 days ago • Approved

1

43 dev atestado

#104 by adriano-uff was merged 5 days ago • Approved

1

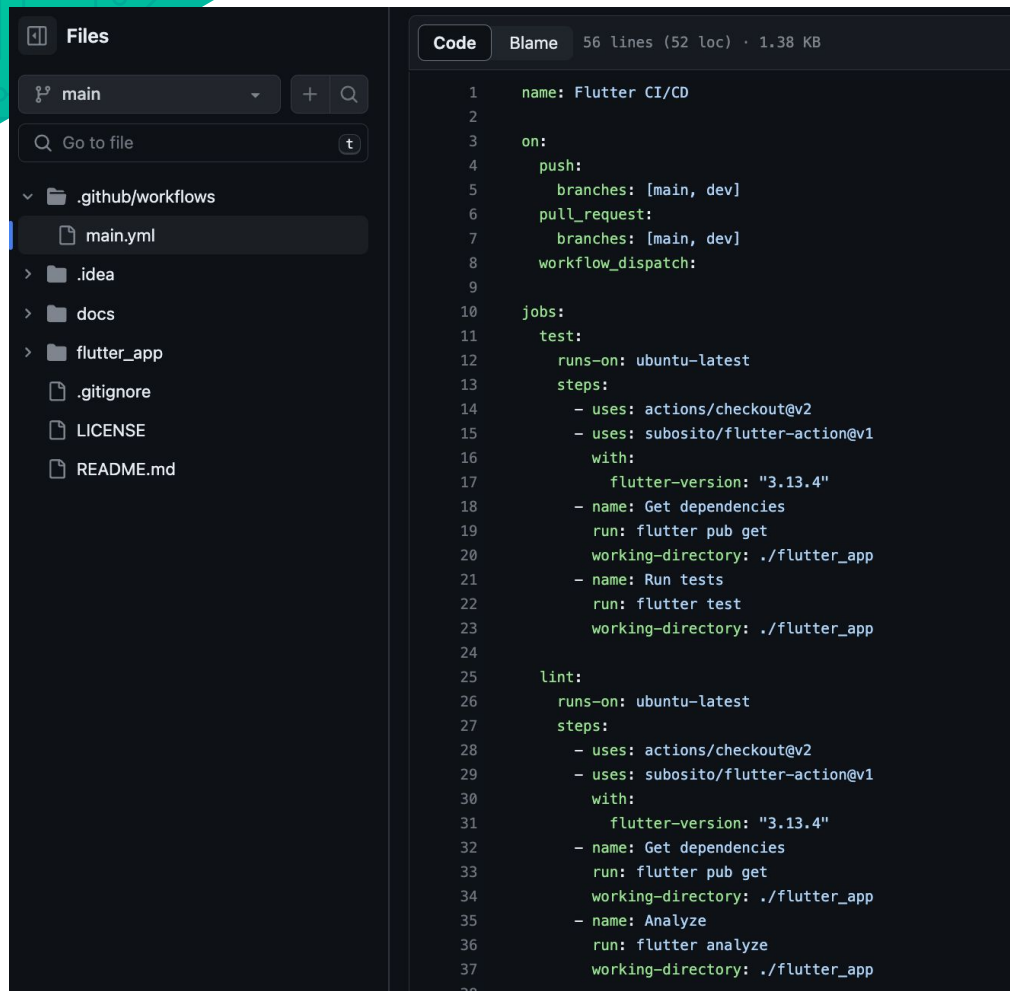
[#81] Export excel sheet with history of all students and roll calls

#103 by adriano-uff was merged 5 days ago • Approved

1

Integração Contínua (Github Actions)

Frontend:



```
1  name: Flutter CI/CD
2
3  on:
4    push:
5      branches: [main, dev]
6    pull_request:
7      branches: [main, dev]
8    workflow_dispatch:
9
10 jobs:
11   test:
12     runs-on: ubuntu-latest
13     steps:
14       - uses: actions/checkout@v2
15       - uses: subosito/flutter-action@v1
16         with:
17           flutter-version: "3.13.4"
18       - name: Get dependencies
19         run: flutter pub get
20         working-directory: ./flutter_app
21       - name: Run tests
22         run: flutter test
23         working-directory: ./flutter_app
24
25   lint:
26     runs-on: ubuntu-latest
27     steps:
28       - uses: actions/checkout@v2
29       - uses: subosito/flutter-action@v1
30         with:
31           flutter-version: "3.13.4"
32       - name: Get dependencies
33         run: flutter pub get
34         working-directory: ./flutter_app
35       - name: Analyze
36         run: flutter analyze
37         working-directory: ./flutter_app
```


Integração Contínua (Github Actions)

Summary

Jobs

- test
- lint
- build

Run details

- Usage
- Workflow file

main.yml

on: pull_request

test1m 2s

lint1m 1s

build4m 18s

Annotations

3 warnings

test

The following actions uses node12 which is deprecated and will be forced to run on node16:
[Show more](#)

lint


The following actions uses node12 which is deprecated and will be forced to run on node16:
[Show more](#)

build

The following actions uses node12 which is deprecated and will be forced to run on node16:
[Show more](#)

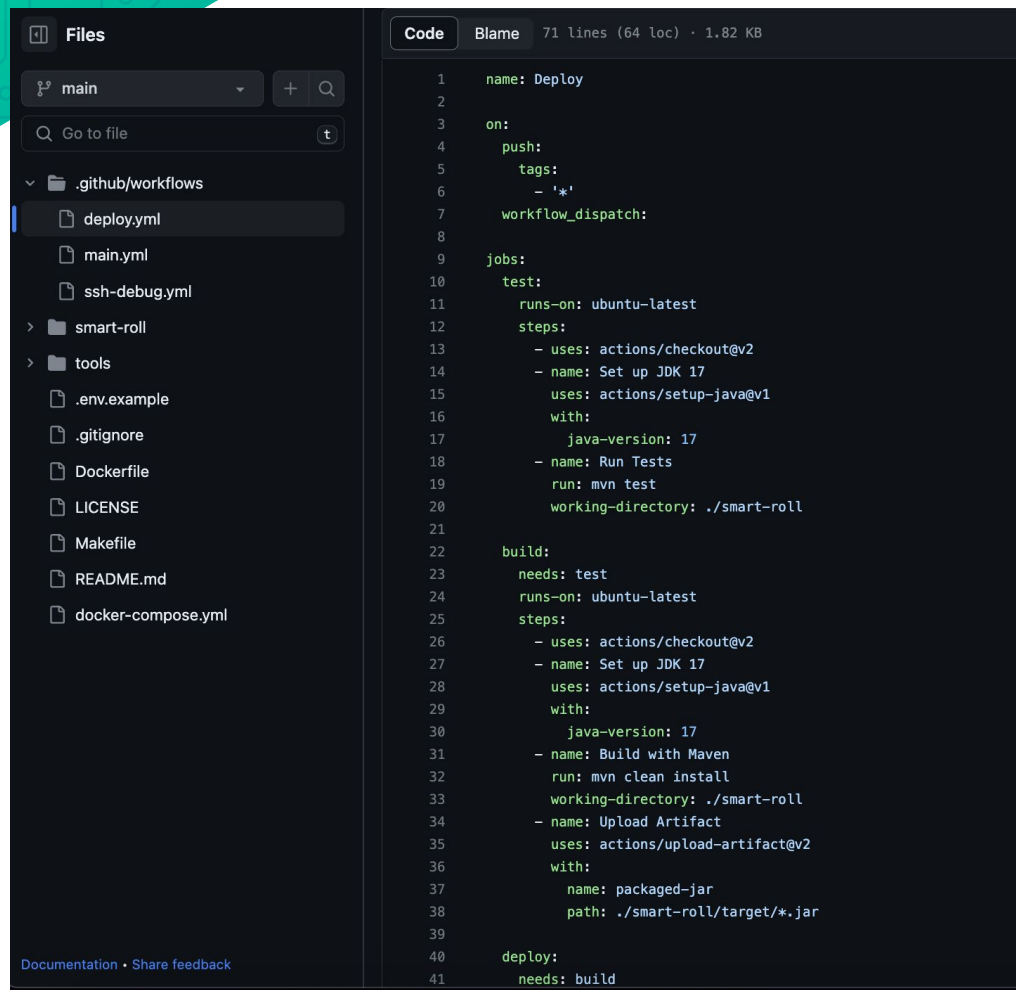
Artifacts

Produced during runtime

| Name | Size |
|---|---------|
|  app-release | 22.4 MB |

Integração Contínua (Github Actions)

Backend:



The screenshot displays the GitHub web interface for a repository. On the left, the 'Files' sidebar shows the directory structure, with `.github/workflows` expanded and `deploy.yml` selected. The main area shows the content of `deploy.yml` in the 'Code' view. The workflow is configured to trigger on pushes to any branch and consists of two jobs: 'test' and 'build', both running on 'ubuntu-latest'. The 'test' job uses 'actions/checkout@v2', 'actions/setup-java@v1' with 'jdk-17', and runs 'mvn test'. The 'build' job also uses 'actions/checkout@v2' and 'actions/setup-java@v1' with 'jdk-17', runs 'mvn clean install', and uploads the artifact using 'actions/upload-artifact@v2'. A 'deploy' job is listed at the bottom but is not fully visible.

```
1  name: Deploy
2
3  on:
4    push:
5      tags:
6        - '*'
7    workflow_dispatch:
8
9  jobs:
10   test:
11     runs-on: ubuntu-latest
12     steps:
13       - uses: actions/checkout@v2
14       - name: Set up JDK 17
15         uses: actions/setup-java@v1
16         with:
17           java-version: 17
18       - name: Run Tests
19         run: mvn test
20       working-directory: ./smart-roll
21
22   build:
23     needs: test
24     runs-on: ubuntu-latest
25     steps:
26       - uses: actions/checkout@v2
27       - name: Set up JDK 17
28         uses: actions/setup-java@v1
29         with:
30           java-version: 17
31       - name: Build with Maven
32         run: mvn clean install
33       working-directory: ./smart-roll
34       - name: Upload Artifact
35         uses: actions/upload-artifact@v2
36         with:
37           name: packaged-jar
38           path: ./smart-roll/target/*.jar
39
40   deploy:
41     needs: build
```

Integração Contínua (Github Actions)

Summary

Jobs

- test
- build
- deploy

Run details

- Usage
- Workflow file

Triggered via push 14 hours ago

Taisbruno pushed · ad6100c · 1.1

Status

Success

Total duration

1m 33s

Artifacts

1

deploy.yml

on: push

test26s

build28s

deploy15s

Annotations

3 warnings

test

The following actions uses node12 which is deprecated and will be forced to run on node16: actions/checkout@v2, actions/set

Show more

build

The following actions uses node12 which is deprecated and will be forced to run on node16: actions/checkout@v2, actions/set

Show more


deploy

The following actions uses node12 which is deprecated and will be forced to run on node16: actions/download-artifact@v2. Fo

Show more

Artifacts

Produced during runtime

| Name | Size |
|--|---------|
|  packaged-jar | 50.7 MB |

Controle de Modificações (Github Issues)

Chamada-inteligente-uff

View 1

+ New view

Filter by keyword or by field

Todo 6

This item hasn't been started

chamada-inteligente-uff #77

Criar funcionalidade de Deleção de dados do dispositivo (após envio dos dados offline)

chamada-inteligente-uff #78

Criação de lógica para o botão de se registrar na chamada automaticamente (Acessar a geolocalização)

chamada-inteligente-uff #79

Criar Aviso de notificação de chamada em aberto - fora do aplicativo

chamada-inteligente-uff #84

Criar funcionalidade de Envio dos dados locais para servidor (offline)

chamada-inteligente-uff #83

Criar funcionalidade de Armazenamento de dados de localização (offline)

chamada-inteligente-uff #93

Criar lógica para monitorar estado de conexão do dispositivo

+ Add item

In Progress 2

This is actively being worked on

chamada-inteligente-uff #87

Fazer slides da apresentação 3

chamada-inteligente-uff #92

Atualizar documentação final e colocá-la no repositório

+ Add item

Done 60

This has been completed

chamada-inteligente-uff #50

Criar ROTAS de Turma (olhar comentários dentro desse card)

chamada-inteligente-uff #48

Criar ROTAS de Chamada (olhar comentários dentro desse card)

chamada-inteligente-uff #39

Criar a Tela de chamada já ocorrida (será aberta quando o PROFESSOR clicar numa chamada já ocorrida dentro do histórico):
Mostrar Estatísticas: o percentual de alunos presente, a média de tempo dos alunos na aula (o valor pode alterar caso algum aluno precise sair mais cedo ou chegue atrasado) dessa chamada já ocorrida. Além disso, exibir a lista de todos os alunos, uma flag com a informação: Presente: SIM ou NÃO, e o botão de visualizar atestado. Além disso, RODAR o Backend, CONSULTAR o Swagger e fazer essa tela INTERAGIR com as rotas do back.

chamada-inteligente-uff #1

Fazer o escopo do produto

chamada-inteligente-uff #47

Criar Tabelas no Banco de dados

+ Add item

Blocked/Later 0

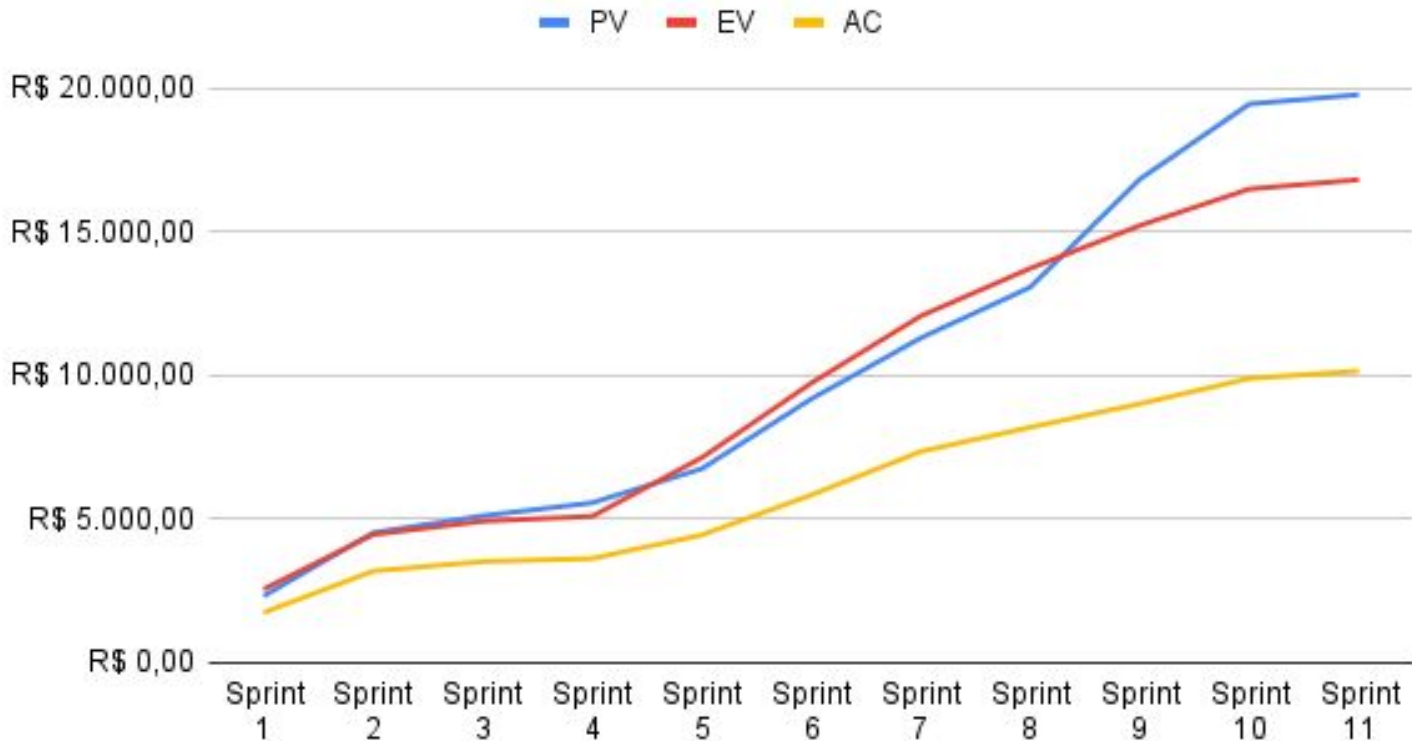
+ Add item

Análise de Valor Agregado atualizada

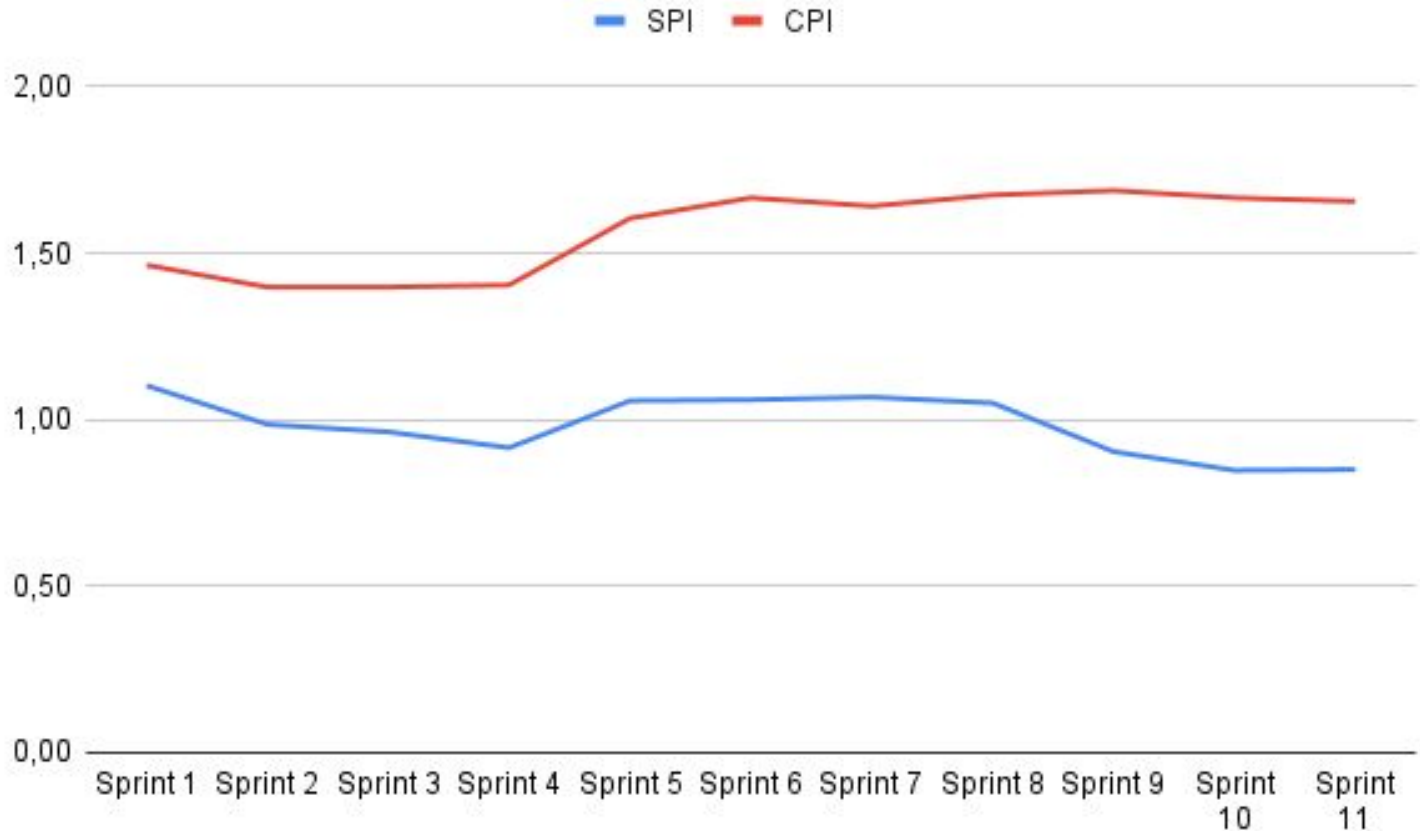
| | PV | EV | AC | SPI | CPI |
|-----------|---------------|---------------|---------------|------|------|
| Sprint 1 | R\$ 2.324,25 | R\$ 2.562,50 | R\$ 1.750,00 | 1,10 | 1,46 |
| Sprint 2 | R\$ 4.529,75 | R\$ 4.464,75 | R\$ 3.193,75 | 0,99 | 1,40 |
| Sprint 3 | R\$ 5.116,00 | R\$ 4.928,50 | R\$ 3.525,00 | 0,96 | 1,40 |
| Sprint 4 | R\$ 5.569,75 | R\$ 5.099,75 | R\$ 3.631,25 | 0,92 | 1,40 |
| Sprint 5 | R\$ 6.756,00 | R\$ 7.141,00 | R\$ 4.450,00 | 1,06 | 1,60 |
| Sprint 6 | R\$ 9.187,25 | R\$ 9.737,25 | R\$ 5.843,75 | 1,06 | 1,67 |
| Sprint 7 | R\$ 11.309,25 | R\$ 12.074,25 | R\$ 7.356,25 | 1,07 | 1,64 |
| Sprint 8 | R\$ 13.078,00 | R\$ 13.733,00 | R\$ 8.200,00 | 1,05 | 1,67 |
| Sprint 9 | R\$ 16.839,25 | R\$ 15.224,25 | R\$ 9.018,75 | 0,90 | 1,69 |
| Sprint 10 | R\$ 19.455,50 | R\$ 16.495,50 | R\$ 9.900,00 | 0,85 | 1,67 |
| Sprint 11 | R\$ 19.779,25 | R\$ 16.819,25 | R\$ 10.158,75 | 0,85 | 1,66 |

Análise de Valor Agregado atualizada

PV, EV e AC

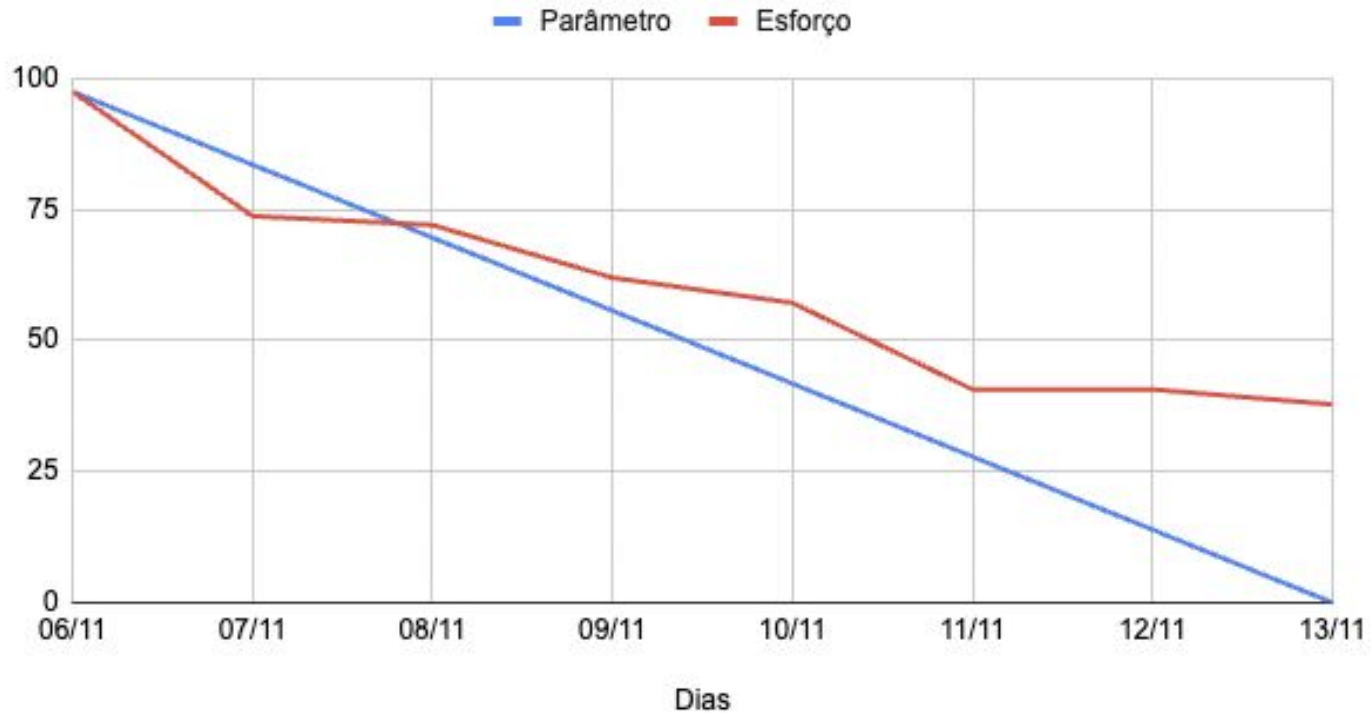


Análise de Valor Agregado atualizada



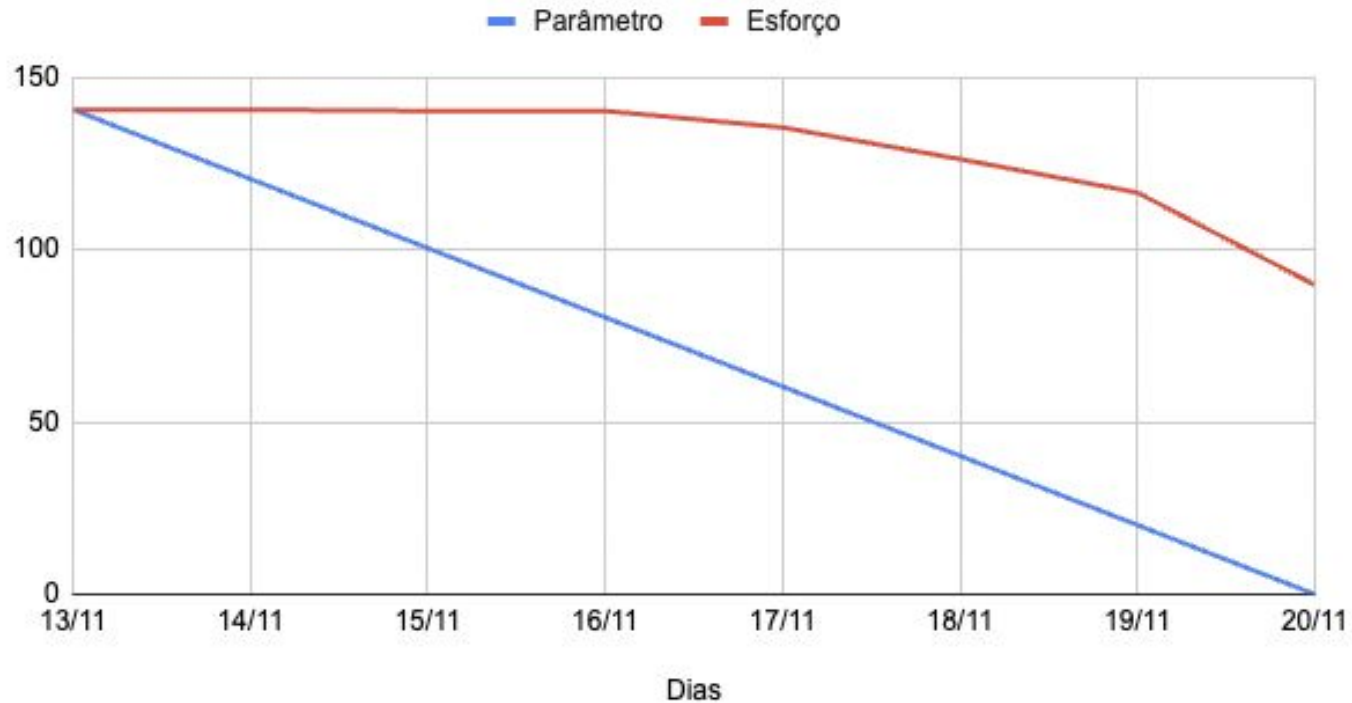
Burndown

Sprint 9



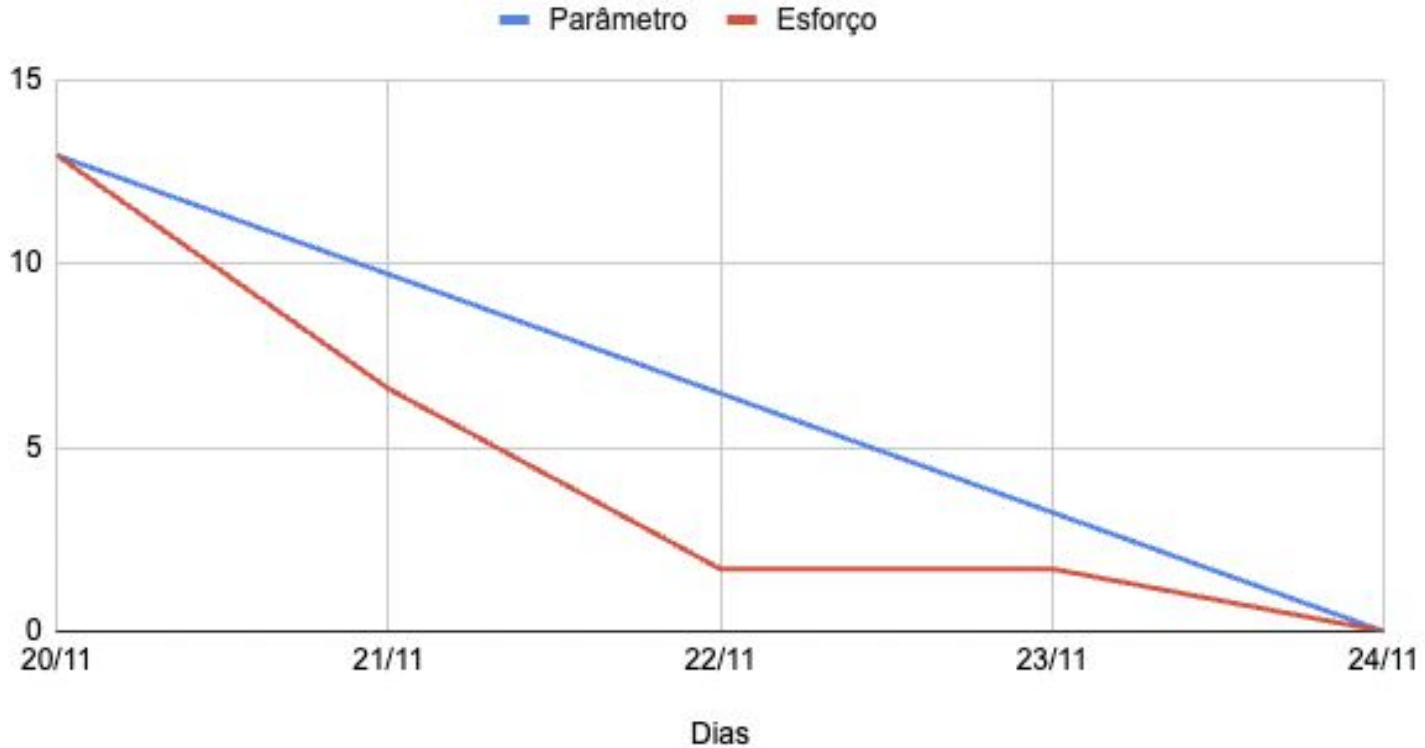
Burndown

Sprint 10



Burndown

Sprint 11



Endereço dos Repositórios

Frontend:

<https://github.com/Taisbruno/chamada-inteligente-uff>

Backend:

<https://github.com/Taisbruno/chamada-inteligente-uff-back>

Versão Final do Produto

Backend:


Releases 2

 **1.1: Merge pull request #50 fr...** Latest
14 hours ago

[+ 1 release](#)

Frontend:

Releases 1

 **1.0: Merge pull request #124 f...** Latest
2 hours ago

Documentação

Planilha usada na elaboração da AVA e Burndown pode ser acessa por [aqui](#).

Documentação completa e detalhada do projeto pode ser acessa por [aqui](#).

The background of the slide is a teal-colored field filled with a repeating pattern of white circuit board traces and circular solder pads. The pattern is dense and covers the entire area. A white triangular shape is cut out from the top-left corner, and another white triangular shape is cut out from the bottom-right corner, meeting at a diagonal line.

Obrigada!