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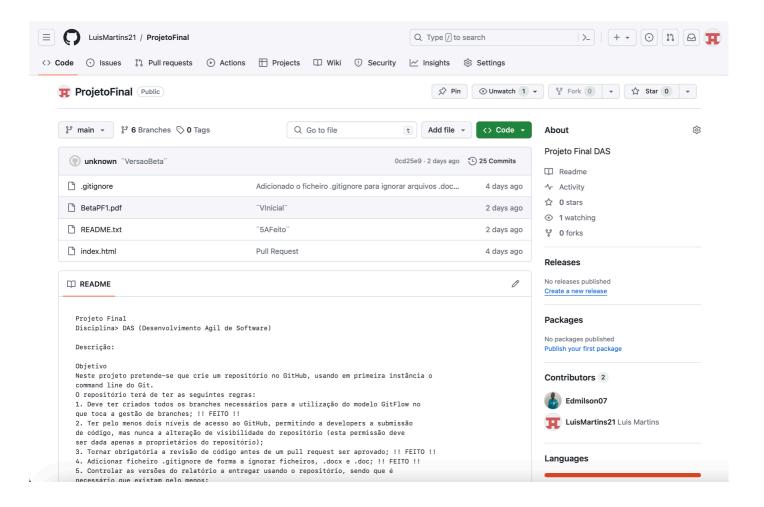
INTRODUÇÃO

Este projeto foi realizado com o objetivo de demonstrarmos a nossa habilidade no que toca a trabalhar em equipa utilizando as ferramentas Git, Git Hub e Git Flow.

Ao longo deste projeto iremos demostrar como conseguimos gerir as versões deste relatório utilizando a ferramenta Git

LINK REPOSITÓRIO

https://github.com/LuisMartins21/ProjetoFinal



CRIAÇÃO DO REPOSITÓRIO

O seguinte código foi utilizado para a criação do repositório local:

git init

git add.

git commit -m "Readme"

git branch -M main

git remote add origin https://github.com/LuisMartins21/ProjetoFinal.git

git push -u origin main

BRANCHES GIT FLOW

```
C:\Users\luissmartinss\Desktop\PF>git flow init -f
which branch should be used for bringing forth production releases?
  - desenvolvimento
  - feito
  - fixerros
  - main
  - vfr1.0
Branch name for production releases: [main] main
which branch should be used for integration of the "next release"?
  - desenvolvimento
  - feito
  - fixerros
  - vfr1.0
Branch name for "next release" development: [feito] desenvolvimento
How to name your supporting branch prefixes?
feature branches? [feature/] fixerros
Bugfix branches? [bugfix/] fixerros
Release branches? [release/] vfr1.0
Hotfix branches? [hotfix/] fixerros
Support branches? [support/]
Version tag prefix? []
Hooks and filters directory? [C:/Users/luissmartinss/Desktop/PF/.git/hooks]
```

Para branch de desenvolvimento de features foi criada uma branch com o nome " desenvolvimento ".

Depois da feature estar acabada esta vai para a main.

Quando estiver com as alterações feitas vai para a branch " vfr1.0 ".

DEMONSTRAÇÃO DAS OPERAÇÕES EFETUADAS

A. Carregamento inicial do ficheiro na branch develop

- Começamos por criar o ficheiro PDF;

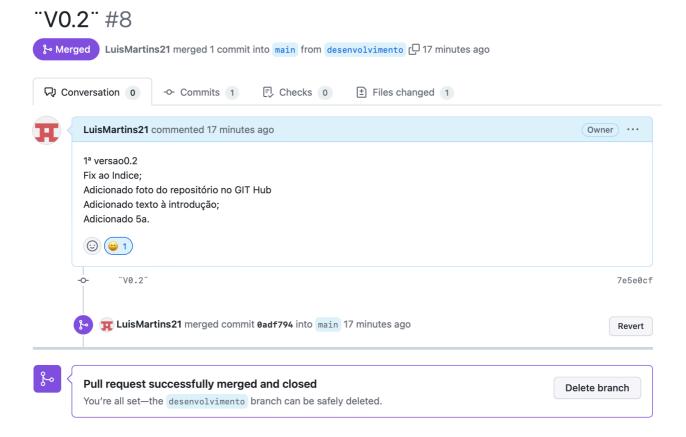
```
git add BetaPF1.pdf
git commit -m "VInicial"
```

git push origin desenvolvimento

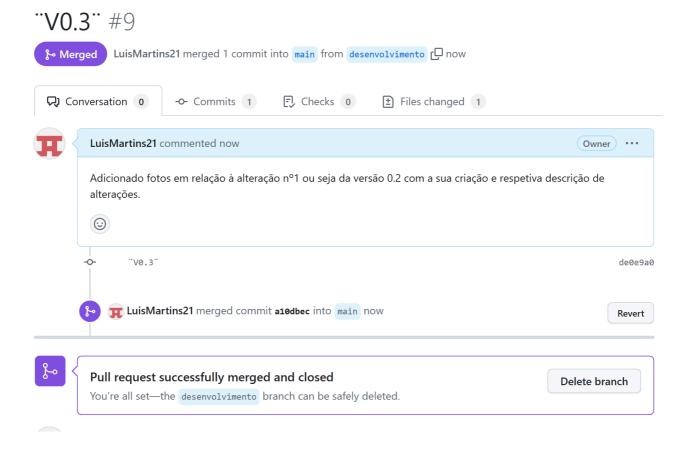


B. Alterações no branch develop com comentários

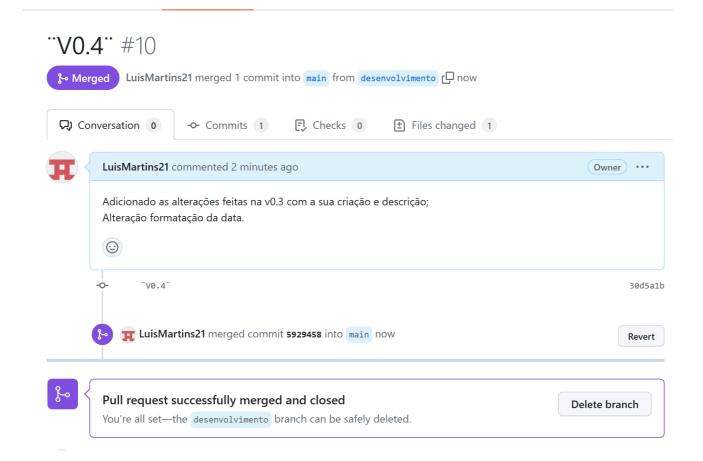
```
C:\Users\luissmartinss\Desktop\PF>git flow feature start versao0.2
Switched to a new branch 'feature/versao0.2'
Summary of actions:
A new branch 'feature/versao0.2' was created, based on 'desenvolvimento'
 You are now on branch 'feature/versao0.2'
Now, start committing on your feature. When done, use:
    git flow feature finish versao0.2
C:\Users\luissmartinss\Desktop\PF>git add BetaPF1.pdf
C:\Users\luissmartinss\Desktop\PF>git commit -m "V0.2"
[feature/versao0.2 7e5e0cf] T¿V0.2T¿
1 file changed, 0 insertions(+), 0 deletions(-)
C:\Users\luissmartinss\Desktop\PF>git flow feature finish V0.2
Fatal: Branch 'feature/V0.2' does not exist and is required.
C:\Users\luissmartinss\Desktop\PF>git flow feature finish versao0.2
Switched to branch 'desenvolvimento'
Updating edc2bee..7e5e0cf
Fast-forward
BetaPF1.pdf | Bin 1322433 -> 1742484 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/versao0.2 (was 7e5e0cf).
Summary of actions:
The feature branch 'feature/versao0.2' was merged into 'desenvolvimento'
 Feature branch 'feature/versao0.2' has been locally deleted
 You are now on branch 'desenvolvimento'
C:\Users\luissmartinss\Desktop\PF>git push origin desenvolvimento
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 389.28 KiB | 6.08 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/LuisMartins21/ProjetoFinal.git
  edc2bee..7e5e0cf desenvolvimento -> desenvolvimento
C:\Users\luissmartinss\Desktop\PF>
```



```
C:\Users\luissmartinss\Desktop\PF>git flow feature start versao0.3
Switched to a new branch 'feature/versao0.3'
Summary of actions:
- A new branch 'feature/versao0.3' was created, based on 'desenvolvimento'
 You are now on branch 'feature/versao0.3'
Now, start committing on your feature. When done, use:
    git flow feature finish versao0.3
C:\Users\luissmartinss\Desktop\PF>git add BetaPF1.pdf
C:\Users\luissmartinss\Desktop\PF>git commit -m "V0.3"
[feature/versao0.3 de0e9a0] TaV0.3Ta
1 file changed, 0 insertions(+), 0 deletions(-)
C:\Users\luissmartinss\Desktop\PF>git flow feature finish versao0.3
Switched to branch 'desenvolvimento'
Updating 7e5e0cf..de0e9a0
Fast-forward
BetaPF1.pdf | Bin 1742484 -> 2076230 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/versao0.3 (was de0e9a0).
Summary of actions:
 The feature branch 'feature/versao0.3' was merged into 'desenvolvimento'
 Feature branch 'feature/versao0.3' has been locally deleted
 You are now on branch 'desenvolvimento'
C:\Users\luissmartinss\Desktop\PF>git push origin desenvolvimento
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 313.61 KiB | 4.98 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/LuisMartins21/ProjetoFinal.git
   7e5e0cf..de0e9a0 desenvolvimento -> desenvolvimento
C:\Users\luissmartinss\Desktop\PF>_
```

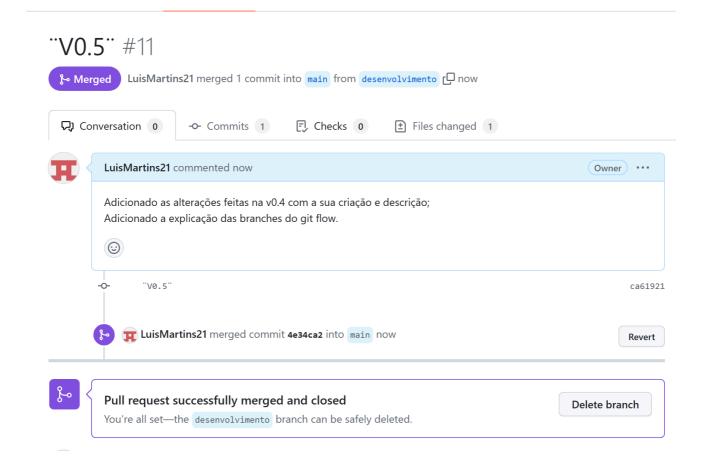


```
C:\Users\luissmartinss\Desktop\PF>git flow feature start versao0.4
Switched to a new branch 'feature/versao0.4'
Summary of actions:
A new branch 'feature/versao0.4' was created, based on 'desenvolvimento'
You are now on branch 'feature/versao0.4'
Now, start committing on your feature. When done, use:
    git flow feature finish versao0.4
C:\Users\luissmartinss\Desktop\PF>git add BetaPF1.pdf
C:\Users\luissmartinss\Desktop\PF>git commit -m "V0.4"
[feature/versao0.4 30d5a1b] T¿V0.4T¿
1 file changed, 0 insertions(+), 0 deletions(-)
C:\Users\luissmartinss\Desktop\PF>git flow finish feature versao0.4
Fatal: Branch 'feature/feature' does not exist and is required.
C:\Users\luissmartinss\Desktop\PF>git flow feature finish versao0.4
Switched to branch 'desenvolvimento'
Updating de0e9a0..30d5a1b
Fast-forward
BetaPF1.pdf | Bin 2076230 -> 2364528 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/versao0.4 (was 30d5a1b).
Summary of actions:
 The feature branch 'feature/versao0.4' was merged into 'desenvolvimento'
 Feature branch 'feature/versao0.4' has been locally deleted
You are now on branch 'desenvolvimento'
C:\Users\luissmartinss\Desktop\PF>git push origin desenvolvimento
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 256.93 KiB | 3.95 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/LuisMartins21/ProjetoFinal.git
  de0e9a0..30d5a1b desenvolvimento -> desenvolvimento
```



4a - V0.5

```
C:\Users\luissmartinss\Desktop\PF>git flow feature start versao0.5
Switched to a new branch 'feature/versao0.5'
Summary of actions:
- A new branch 'feature/versao0.5' was created, based on 'desenvolvimento'
· You are now on branch 'feature/versao0.5'
Now, start committing on your feature. When done, use:
     git flow feature finish versao0.5
C:\Users\luissmartinss\Desktop\PF>git add BetaPF1.pdf
C:\Users\luissmartinss\Desktop\PF>git commit -m "V0.5"
[feature/versao0.5 ca61921] T¿V0.5T¿
1 file changed, 0 insertions(+), 0 deletions(-)
C:\Users\luissmartinss\Desktop\PF>git feature finish versao0.5
git: 'feature' is not a git command. See 'git --help'.
C:\Users\luissmartinss\Desktop\PF>git flow feature finish versao0.5
Switched to branch 'desenvolvimento'
Updating 30d5a1b..ca61921
Fast-forward
BetaPF1.pdf | Bin 2364528 -> 2737007 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/versao0.5 (was ca61921).
Summary of actions:
The feature branch 'feature/versao0.5' was merged into 'desenvolvimento'
 Feature branch 'feature/versao0.5' has been locally deleted
 You are now on branch 'desenvolvimento'
C:\Users\luissmartinss\Desktop\PF>git push origin desenvolvimento
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 348.70 KiB | 4.59 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/LuisMartins21/ProjetoFinal.git
   30d5a1b..ca61921 desenvolvimento -> desenvolvimento
C:\Users\luissmartinss\Desktop\PF>_
```



```
C:\Users\luissmartinss\Desktop\PF>git flow feature start versao0.6
        BetaPF1.pdf
Switched to a new branch 'feature/versao0.6'
Summary of actions:
· A new branch 'feature/versao0.6' was created, based on 'desenvolvimento'
You are now on branch 'feature/versao0.6'
Now, start committing on your feature. When done, use:
    git flow feature finish versao0.6
C:\Users\luissmartinss\Desktop\PF>git add BetaPF1.pdf
C:\Users\luissmartinss\Desktop\PF>git commit -m "V0.6"
[feature/versao0.6 d1217d3] T¿V0.6T¿
1 file changed, 0 insertions(+), 0 deletions(-)
C:\Users\luissmartinss\Desktop\PF>git flow feature finish versao0.6
Switched to branch 'desenvolvimento'
Updating ca61921..d1217d3
Fast-forward
BetaPF1.pdf | Bin 2737007 -> 3039468 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/versao0.6 (was d1217d3).
Summary of actions:
 The feature branch 'feature/versao0.6' was merged into 'desenvolvimento'
 Feature branch 'feature/versao0.6' has been locally deleted
 You are now on branch 'desenvolvimento'
C:\Users\luissmartinss\Desktop\PF>git push origin desenvolvimento
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 269.27 KiB | 3.32 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100\% (1/1), completed with 1 local object.
To https://github.com/LuisMartins21/ProjetoFinal.git
  ca61921..d1217d3 desenvolvimento -> desenvolvimento
C:\Users\luissmartinss\Desktop\PF>
```

