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**LUIS MARTINS  
EDMILSON CUSTODIO**

# **PROJETO FINAL DAS**

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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 demonstrar como conseguimos gerir as versões deste relatório utilizando a ferramenta Git

# LINK REPOSITÓRIO

<https://github.com/LuisMartins21/ProjetoFinal>

The screenshot shows the GitHub interface for the repository 'ProjetoFinal' by user 'LuisMartins21'. The repository is public and has 6 branches, 0 tags, and 25 commits. The main branch is selected. The repository contains files: .gitignore, BetaPF1.pdf, README.txt, and index.html. The README file is open, showing the project details. The right sidebar shows repository statistics: 0 stars, 1 watching, and 0 forks. The contributors list includes Edmilson07 and LuisMartins21 (Luis Martins).

**ProjetoFinal** Public

main 6 Branches 0 Tags

Go to file Add file Code

**unknown** "VersaoBeta" 0cd25e9 · 2 days ago 25 Commits

.gitignore	Adicionado o ficheiro .gitignore para ignorar arquivos .doc...	4 days ago
BetaPF1.pdf	"Vlnicial"	2 days ago
README.txt	"5AFeito"	2 days ago
index.html	Pull Request	4 days ago

**README**

Projeto Final  
Disciplina> DAS (Desenvolvimento Agil de Software)

Descrição:

Objetivo  
Neste projeto pretende-se que crie um repositório no GitHub, usando em primeira instância o command line do Git.  
O repositório terá de ter as seguintes regras:

1. Deve ter criados todos os branches necessários para a utilização do modelo GitFlow no que toca a gestão de branches; !! FEITO !!
2. Ter pelo menos dois níveis de acesso ao GitHub, permitindo a developers a submissão de código, mas nunca a alteração de visibilidade do repositório (esta permissão deve ser dada apenas a proprietários do repositório);
3. Tornar obrigatória a revisão de código antes de um pull request ser aprovado; !! FEITO !!
4. Adicionar ficheiro .gitignore de forma a ignorar ficheiros .docx e .doc; !! FEITO !!
5. Controlar as versões do relatório a entregar usando o repositório, sendo que é necessário que existam pelo menos:

**About**

Projeto Final DAS

- Readme
- Activity
- 0 stars
- 1 watching
- 0 forks

**Releases**

No releases published  
[Create a new release](#)

**Packages**

No packages published  
[Publish your first package](#)

**Contributors** 2

- Edmilson07
- LuisMartins21 Luis Martins

**Languages**

## 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
```

---

 BetaPF1.pdf

"VInicial"

2 days ago

---

## B. Alterações no branch develop com comentários

1ª - V0.2

```
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>
```



## Descrição das Modificações Efetuadas

### “V0.2” #8

 Merged LuisMartins21 merged 1 commit into `main` from `desenvolvimento` 17 minutes ago

 Conversation 0

 Commits 1

 Checks 0

 Files changed 1



LuisMartins21 commented 17 minutes ago

Owner ...

1ª versao0.2  
Fix ao Indice;  
Adicionado foto do repositório no GIT Hub  
Adicionado texto à introdução;  
Adicionado 5a.



1

 “V0.2”

7e5e0cf



LuisMartins21 merged commit `0adf794` into `main` 17 minutes ago

Revert



**Pull request successfully merged and closed**

Delete branch

You're all set—the `desenvolvimento` branch can be safely deleted.

## 2ª - V0.3

```
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] TãV0.3Tã
 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>_
```

## Descrição das Modificações Efetuadas

“V0.3” #9

 Merged LuisMartins21 merged 1 commit into `main` from `desenvolvimento`  now

 Conversation 0

 Commits 1

 Checks 0

 Files changed 1



LuisMartins21 commented now

Owner ...


Adicionado fotos em relação à alteração nº1 ou seja da versão 0.2 com a sua criação e respetiva descrição de alterações.



 “V0.3”

de0e9a0



 LuisMartins21 merged commit `a10dbec` into `main` now

Revert



Pull request successfully merged and closed

Delete branch

You're all set—the `desenvolvimento` branch can be safely deleted.

## 3ª - V0.4

```
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] T2V0.4T2
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.

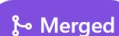
C:\Users\luissmartinss\Desktop\PF>git flow feature finish versao0.4
Switched to branch 'desenvolvimento'
Updating de0e9a0..30d5a1b
Fast-forward
 BetaPF1.pdf | Bin 2076230 -> 2364528 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/versao0.4 (was 30d5a1b).

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
```

## Descrição das Modificações Efetuadas

### “V0.4” #10

**Merged**LuisMartins21 merged 1 commit into `main` from `desenvolvimento` now

Conversation 0



Commits 1



Checks 0



Files changed 1



LuisMartins21 commented 2 minutes ago

Owner



Adicionado as alterações feitas na v0.3 com a sua criação e descrição;  
Alteração formatação da data.



“V0.4”

30d5a1b

LuisMartins21 merged commit **5929458** into `main` now

Revert

**Pull request successfully merged and closed**

Delete branch

You're all set—the `desenvolvimento` branch can be safely deleted.