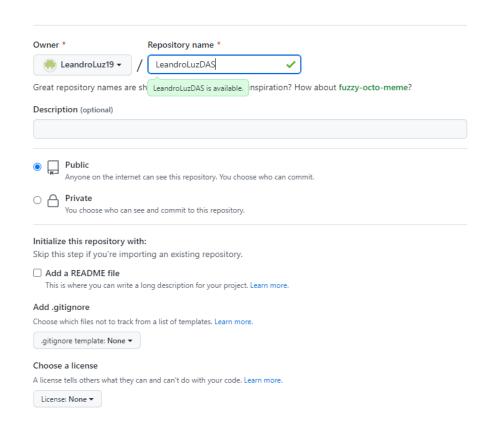
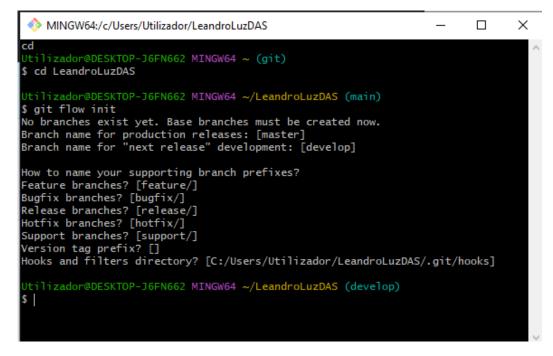




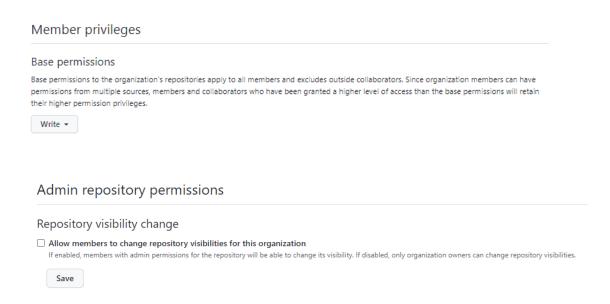
Trabalho Final DAS - Leandro Luz Relatório

1) No primeiro passo tive que criar um repositório no GitHub, e tive que criar as branches (master e develop)



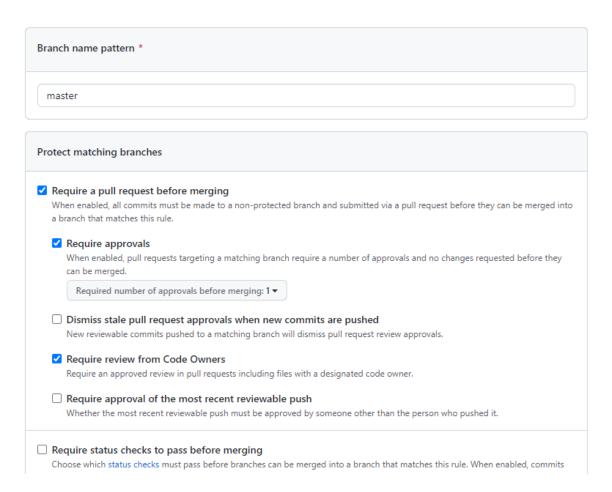


2) No segundo passo tive que criar uma organização no GitHub e colocar as regras de ordem corretas.

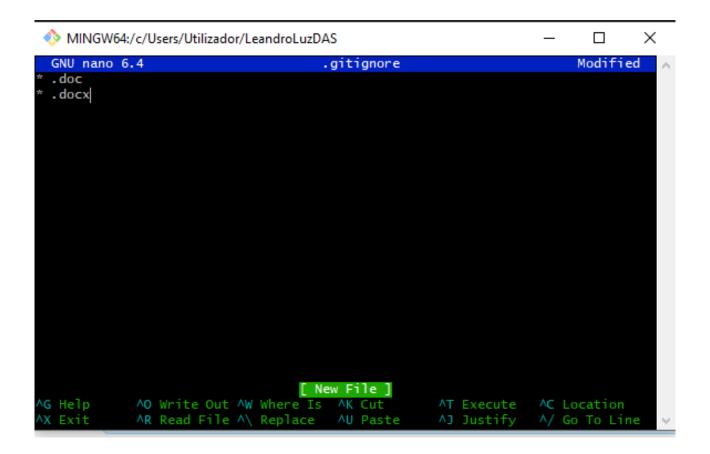


Dei a permissão Write, e desativei a visibilidade do Repositório.

3) No terceiro passo tive que tornar obrigatório a revisão do código antes de um Pull Request ser aprovado.



4) No 4º passo tive que adicionar um ficheiro. gitignore de maneira a ignorar ficheiros, .doc, .docx



```
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (master)
$ nano .gitignore

Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (master)
$ ls -a
./ ../ .git/ .gitignore

Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (master)
$ cat .gitignore
* .doc
* .docx
```

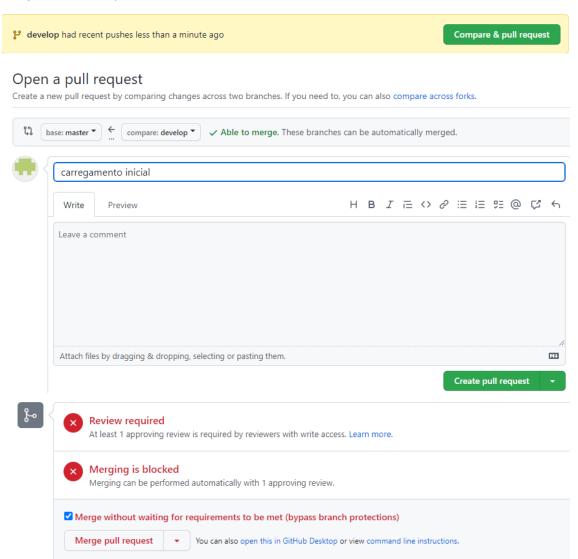
Esta print contém os comandos necessários para fazer um push para o repositório

```
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (master)
$ git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the ne
xt time Git touches it
Jtilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (master)
$ git commit -m "configuração do gitignore'
[master de5a279] configuração do gitignore
 1 file changed, 2 insertions(+)
 create mode 100644 .gitignore
 Htilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100\% (4/4), done.
Writing objects: 100% (3/3), 288 bytes | 96.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: This repository moved. Please use the new location:
remote: https://github.com/Trabalho-Final-DAS-Leandro-Luz/LeandroLuzDAS.git
To https://github.com/LeandroLuz19/LeandroLuzDAS.git
   9cca4af..de5a279 master -> master
Jtilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (master)
```

- 5) Controlar as versões do relatório
- a. carregamento inicial do ficheiro no branch develop;

```
MINGW64:/c/Users/Utilizador/LeandroLuzDAS
 Utilizador@DESKTOP-J6FN662 MINGW64 ~ (git)
$ cd LeandroLuzDAS
 Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
$ git add .
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
 $ git commit -m "carregamento inicial"
[develop f15c06c] carregamento inicial
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Doc1.pdf
 Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
$ git push origin develop
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 161.32 KiB | 9.49 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: This repository moved. Please use the new location:
remote: https://github.com/Trabalho-Final-DAS-Leandro-Luz/LeandroLuzDAS.git
To https://github.com/LeandroLuz19/LeandroLuzDAS.git
    9cca4af..f15c06c develop -> develop
```

Criação do Pull Request:



Criação das features Feature 1:

```
Jtilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
$ git flow feature start feature_v1relatorio
Switched to a new branch 'feature/feature_v1relatorio'
Summary of actions:
 A new branch 'feature/feature_v1relatorio' was created, based on 'develop'
  You are now on branch 'feature/feature_v1relatorio'
Now, start committing on your feature. When done, use:
     git flow feature finish feature_v1relatorio
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v1relatorio)
$ git add .
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v1relatorio)
$ git commit -m "v1 do relatório"
[feature/feature_v1relatorio b64145f] v1 do relatório
1 file changed, 0 insertions(+), 0 deletions(-)
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v1relatorio)
$ git flow feature finish feature_v1relatorio
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating f15c06c..b64145f
ast-forward
 Doc1.pdf | Bin 176282 -> 449416 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature_v1relatorio (was b64145f).
Summary of actions:
 The feature branch 'feature/feature_v1relatorio' was merged into 'develop'
  Feature branch 'feature/feature_v1relatorio' has been locally deleted
  You are now on branch 'develop'
Jtilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
$ git push origin develop
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 407.39 KiB | 10.72 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: This repository moved. Please use the new location:
remote: https://github.com/Trabalho-Final-DAS-Leandro-Luz/LeandroLuzDAS.git
To https://github.com/LeandroLuz19/LeandroLuzDAS.git
   f15c06c..b64145f develop -> develop
```

Feature 2:

```
$ git flow feature start feature_v2relatorio
Switched to a new branch 'feature/feature_v2relatorio'
Summary of actions:
 - A new branch 'feature/feature_v2relatorio' was created, based on 'develop'
- You are now on branch 'feature/feature_v2relatorio'
Now, start committing on your feature. When done, use:
       git flow feature finish feature_v2relatorio
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v2relatorio)
$ git add .
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v2relatorio)
$ git commit -m "v2 do relatório"
[feature/feature_v2relatorio 076c101] v2 do relatório
 1 file changed, 0 insertions(+), 0 deletions(-)
 Jtilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v2relatorio)
$ git flow feature finish feature_v2relatorio
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating b64145f..076c101
Fast-forward
 Doc1.pdf | Bin 449416 -> 332638 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature_v2relatorio (was 076c101).
Summary of actions:
  The feature branch 'feature/feature_v2relatorio' was merged into 'develop'
Feature branch 'feature/feature_v2relatorio' has been locally deleted
You are now on branch 'develop'
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
$ git push origin develop
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compression using up to 4 threads
Compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 89.11 KiB | 3.87 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote: This repository moved. Please use the new location:
remote: https://github.com/Trabalho-Final-DAS-Leandro-Luz/LeandroLuzDAS.git
To https://github.com/LeandroLuz19/LeandroLuzDAS.git
b64145f..076c101 develop -> develop
```

Feature 3:

```
$ git flow feature start feature_v3relatorio
Switched to a new branch 'feature/feature_v3relatorio'
Summary of actions:
- A new branch 'feature/feature_v3relatorio' was created, based on 'develop'
- You are now on branch 'feature/feature_v3relatorio'
Now, start committing on your feature. When done, use:
         git flow feature finish feature_v3relatorio
 Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v3relatorio)
$ git add .
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v3relatorio) $ git commit -m "v3 do relatório"
 [feature/feature_v3relatorio b217a4f] v3 do relatório
 1 file changed, 0 insertions(+), 0 deletions(-)
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v3relatorio) $ git flow feature finish feature_v3relatorio Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating 076c101..b217a4f
Fast-forward

Doc1.pdf | Bin 332638 -> 369787 bytes

1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature_v3relatorio (was b217a4f).
Summary of actions:
- The feature branch 'feature/feature_v3relatorio' was merged into 'develop'
- Feature branch 'feature/feature_v3relatorio' has been locally deleted
- You are now on branch 'develop'
 Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
$ git push origin develop
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Counting objects: 100% (5/5), done.

Delta compression using up to 4 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 37.13 KiB | 2.86 MiB/s, done.

Total 3 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

remote: This repository moved. Please use the new location:

remote: https://github.com/Trabalho-Final-DAS-Leandro-Luz/Leandro-LuzDAS.git
 To https://github.com/LeandroLuz19/LeandroLuzDAS.git
076c101..b217a4f develop -> develop
```

Feature 4:

```
$ git flow feature start feature_v4relatorio
Switched to a new branch 'feature/feature_v4relatorio'
Summary of actions:
 A new branch 'feature/feature_v4relatorio' was created, based on 'develop' You are now on branch 'feature/feature_v4relatorio'
Now, start committing on your feature. When done, use:
     git flow feature finish feature_v4relatorio
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v4relatorio)
$ git add .
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v4relatorio)
$ git commit -m "v4 do relatório"
[feature/feature_v4relatorio bdc8fe8] v4 do relatório
1 file changed, 0 insertions(+), 0 deletions(-)
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v4relatorio)
$ git flow feature finish feature_v4relatorio
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating b217a4f..bdc8fe8
ast-forward
Doc1.pdf | Bin 369787 -> 407157 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature_v4relatorio (was bdc8fe8).
Summary of actions:
 · The feature branch 'feature/feature_v4relatorio' was merged into 'develop'
  Feature branch 'feature/feature_v4relatorio' has been locally deleted
You are now on branch 'develop'
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
$ git push origin develop
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 35.48 KiB | 2.96 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100\% (1/1), completed with 1 local object.
remote: This repository moved. Please use the new location:
remote: https://github.com/Trabalho-Final-DAS-Leandro-Luz/LeandroLuzDAS.git
To https://github.com/LeandroLuz19/LeandroLuzDAS.git
   b217a4f..bdc8fe8 develop -> develop
```

Feature 5:

```
$ git flow feature start feature_v5relatorio
Switched to a new branch 'feature/feature_v5relatorio'
Summary of actions:
  A new branch 'feature/feature_v5relatorio' was created, based on 'develop'
You are now on branch 'feature/feature_v5relatorio'
Now, start committing on your feature. When done, use:
      git flow feature finish feature_v5relatorio
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v5relatorio)
$ git add .
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v5relatorio)
$ git commit -m "v5 do relatório"
[feature/feature_v5relatorio bf2c12c] v5 do relatório
 1 file changed, 0 insertions(+), 0 deletions(-)
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (feature/feature_v5relatorio)
$ git flow feature finish feature_v5relatorio
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating bdc8fe8..bf2c12c
Fast-forward
 Doc1.pdf | Bin 407157 -> 441883 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature_v5relatorio (was bf2c12c).
Summary of actions:
  The feature branch 'feature/feature_v5relatorio' was merged into 'develop'
  Feature branch 'feature/feature_v5relatorio' has been locally deleted You are now on branch 'develop'
Utilizador@DESKTOP-J6FN662 MINGW64 ~/LeandroLuzDAS (develop)
$ git push origin develop
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 35.43 KiB | 2.95 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100\% (1/1), completed with 1 local object. remote: This repository moved. Please use the new location:
remote: https://github.com/Trabalho-Final-DAS-Leandro-Luz/LeandroLuzDAS.git
To https://github.com/LeandroLuz19/LeandroLuzDAS.git
   bdc8fe8..bf2c12c develop -> develop
```

Criação da Release

git flow release start release_relatorio substitui o ficheiro Doc1 git add . git commit -m "release_relatorio" git flow release finish release_relatorio git push origin master