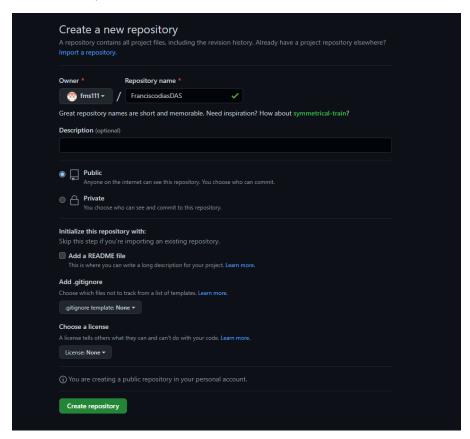




Relatório Trabalho Final DAS - Francisco Dias 2022095

Link Repositório: https://github.com/fms111/FranciscodiasDAS

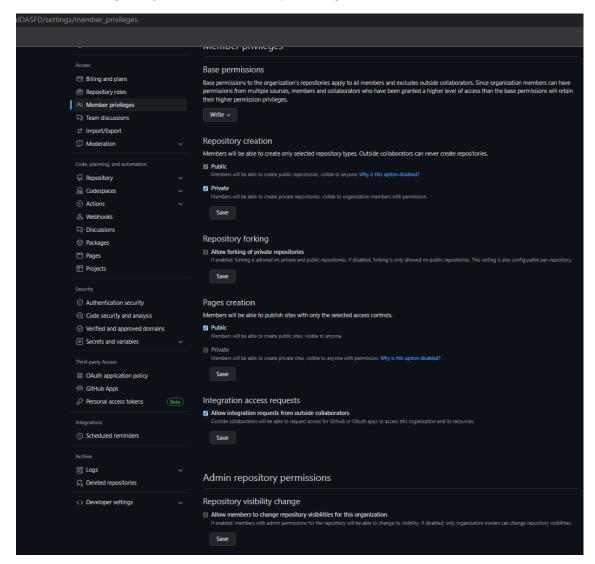
1. Criar o Repositório no GitHub e as branches do mesmo



```
$ git flow init
No branches exist yet. Base branches must be created now.
Branch name for production releases: [master]
Branch name for "next release" development: [develop]

How to name your supporting branch prefixes?
Feature branches? [feature/]
Bugfix branches? [bugfix/]
Release branches? [release/]
Hotfix branches? [hotfix/]
Support branches? [support/]
Version tag prefix? []
Hooks and filters directory? [C:/Users/Utilizador/FranciscodiasDAS/.git/hooks]
```

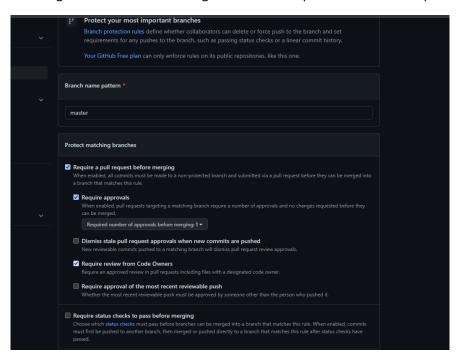
2. Criei uma organização no GitHub e coloquei as regras em ordem



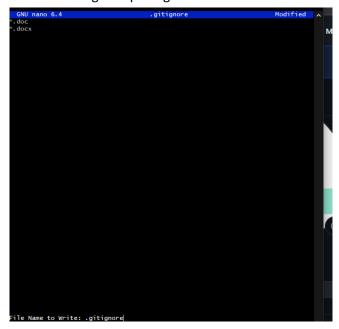
Alterei a permissão para Write

Desativei a Repository Visibility Change

3. Tornei obrigatória a revisão do código antes de ser aprovado um Pull Request



4. Adicionar um ficheiro .Gitignore para ignorar ficheiros .doc e .docx



```
$ nano .gitignore
Utilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (master)
$ ls -a
./ ../ .git/ .gitignore
Utilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (master)
$ cat .gitignore
* .doc
* .docx
```

- 5. Controlar as versões do relatório a entregar usando o repositório, sendo que é necessário que existam pelo menos:
 - a) 1 carregamento inicial do ficheiro no branch develop

Comandos para fazer push para o repositório:

```
Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/TrabalhofinalDAS (develop)

$ git add .

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/TrabalhofinalDAS (develop)

$ git commit -m "Primeiro carregamento"
[develop Ofbd95a] Primeiro carregamento

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 Doc1.pdf

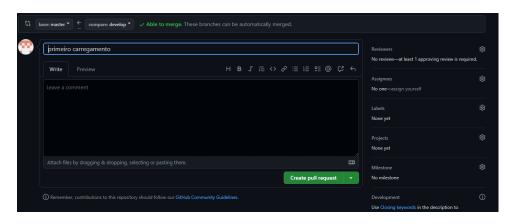
Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/TrabalhofinalDAS (develop)

$ git push origin develop
```

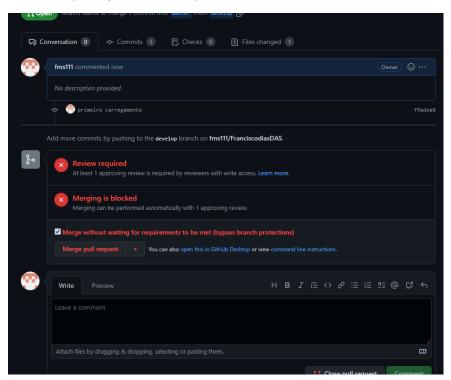
Print do Pull Request



Criação do pull request



Review / Aprovação do Pull Request



- b) 5 alterações no próprio branch develop com os devidos comentários
 - -- Criação e alteração da feature1das --

```
Sgit flow feature start featureldas
Switched to a new branch 'feature/featureldas'

Summary of actions:

- A new branch 'feature/featureldas' was created, based on 'develop'
- You are now on branch 'feature/featureldas'

Now, start committing on your feature. When done, use:
    git flow feature finish featureldas

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (feature/featureldas)

$ git add .

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (feature/featureldas)

$ git commit -m 'relatoriov1"

[feature/featureldas 4d39de4] relatoriov1

1 file changed, 0 insertions(+), 0 deletions(-)

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (feature/featureldas)

$ git flow feature finish featureldas

Switched to branch 'develop'

Your branch is up to date with 'origin/develop'.

Updating f9adea0. 4d39de4

Fast-forward

Doc1.pdf | Bin 25662 -> 409984 bytes

1 file changed, 0 insertions(+), 0 deletions(-)

Deleted branch feature/featureldas (was 4d39de4).

Summary of actions:

- The feature branch 'feature/featureldas' was merged into 'develop'

- Feature branch 'feature/featureldas' has been locally deleted

- You are now on branch 'develop'

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (develop)

$ git push origin develop

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 8 threads

Compressing objects: 100% (5/5), done.

Writing objects: 100% (3/3), 370.14 KiB | 16.82 MiB/s, done.

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

To https://github.com/fms111/FranciscodiasDAS.git

f9adea0..4d39de4 develop -> develop
```

-- Criação e alteração da feature2das --

-- Criação e alteração da feature3das --

```
Sgit flow feature start feature3das
Switched to a new branch 'feature3das'
M Docl.pdf
Summary of actions:
- A new branch 'feature/feature3das' was created, based on 'develop'
- You are now on branch 'feature/feature3das'
Now, start committing on your feature. When done, use:
    git flow feature finish feature3das

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (feature/feature3das)
$ git add .

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (feature/feature3das)
$ git commit -m "relatoriova"
[feature/feature3das cbdc951] relatoriov3
1 file changed, 0 insertions(+), 0 deletions(-)

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (feature/feature3das)
$ git flow feature finish feature3das
$ witched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating ab495c4..cbdc951
Fast-forward
Docl.pdf | Bin 444099 -> 477333 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature3das (was cbdc951).

Summary of actions:
- The feature branch 'feature/feature3das' was merged into 'develop'
- Feature branch 'feature/feature3das (was cbdc951).

Summary of actions:
- The feature branch 'feature/feature3das' has been locally deleted
- You are now on branch 'develop'

Utilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (develop)
$ git push origin develop

Enumerating objects: 100% (2/2), done.
Witing objects: 100% (2/2), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Witting objects: 100% (2/2), done.
Witti
```

-- Criação e alteração da feature4das --

```
Utilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (develop)
$ git flow feature start feature4das'
Switched to a new branch 'feature/feature4das'
Summary of actions:
- A new branch 'feature/feature4das' was created, based on 'develop'
- You are now on branch 'feature/feature4das'

Now, start committing on your feature. When done, use:
    git flow feature finish feature4das

Utilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (feature/feature4das)
$ git add .

Utilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (feature/feature4das)
$ git commit -m "relatoriov4"
[feature/feature4das 2417e23] relatoriov4
1 file changed, 0 insertions(+), 0 deletions(-)

Utilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (feature/feature4das)
$ git flow feature finish feature4das
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating 3e918a7..2417e23
Fast-forward
Docl.pdf | Bin 477333 -> 512619 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature4das (was 2417e23).

Summary of actions:
- The feature branch 'feature/feature4das' was merged into 'develop'
- Feature branch 'feature/feature4das' has been locally deleted
- You are now on branch 'develop'

Utilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (develop)
$ git push origin develop

Enumerating objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
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Compressing objects: 100% (5/5), done.
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Compressing objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compression objects:
```

alteração da

-- Criação e feature5das--

```
Itilizador@DESKTOP-CCS4PP1 MINGW64 ~/FranciscodiasDAS (develop)

S git flow feature start featureSdas'
Switched to a new branch 'feature/feature5das'

Summary of actions:

- A new branch 'feature/feature5das' was created, based on 'develop'
- You are now on branch 'feature/feature5das'

Now, start committing on your feature. When done, use:

git flow feature finish feature5das

Itilizador@DESKTOP-CCS4PP1 MINGW64 ~/FranciscodiasDAS (feature/feature5das)

S git add .

Itilizador@DESKTOP-CCS4PP1 MINGW64 ~/FranciscodiasDAS (feature/feature5das)

S git commit -m "relatoriov5"

[feature/feature5das d6bec03] relatoriov5

1 file changed, 0 insertions(+), 0 deletions(-)

Itilizador@DESKTOP-CCS4PP1 MINGW64 ~/FranciscodiasDAS (feature/feature5das)

Switched to branch 'develop' ature5das

Your branch is up to date with 'origin/develop'.

Jpdating 2417e23..d6bec03

-ast-forward

Docl.pdf | Bin 512619 -> 546396 bytes

1 file changed, 0 insertions(+), 0 deletions(-)

Deleted branch feature/feature5das (was d6bec03).

Summary of actions:

- The feature branch 'feature/feature5das' was merged into 'develop'
- Feature branch 'feature/feature5das' has been locally deleted

- You are now on branch 'develop'

Itilizador@DESKTOP-CCS4PP1 MINGW64 ~/FranciscodiasDAS (develop)

S git push origin develop

numerating objects: 100% (5/5), done.

Delta compression using up to 8 threads

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

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

Writing objects: 100% (3/3), 36.05 kiB | 4.00 MiB/s, done.

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

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

To https://github.com/fms111/FranciscodiasDAS.git

2417e23..d6bec03 develop -> develop
```

-- Criação da release para a branch master --

```
Itilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (master)

git flow release start releasedas
Switched to a new branch 'release/releasedas'

Summary of actions:

- A new branch 'release/releasedas' was created, based on 'develop'

- You are now on branch 'release/releasedas'

Follow-up actions:

- Bump the version number now!

- Start committing last-minute fixes in preparing your release

- When done, run:

git flow release finish 'releasedas'

Itilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (release/releasedas)

git commit -m "releasedas"

Trelease/releasedas 4dbe7f2] releasedas

1 file changed, 0 insertions(+), 0 deletions(-)

Itilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (release/releasedas)

git flow release finish releasedas

Branches 'master' and 'origin/master' have diverged.

atal: And branch 'master' may be fast-forwarded.

Itilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (release/releasedas)

git push origin master
```

-- Criação da hotfix --

```
Jtilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (master)
§ git flow hotfix start hotfix/hotfixdas'

Summary of actions:

- A new branch 'hotfix/hotfixdas' was created, based on 'master'
- You are now on branch 'hotfix/hotfixdas'

Follow-up actions:

- Start committing your hot fixes
- Bump the version number now!

- When done, run:

- git flow hotfix finish 'hotfixdas'

Jtilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (hotfix/hotfixdas)
§ git add .

- Jtilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (hotfix/hotfixdas)
§ git commit -m "hotfixdasrel"

[hotfix/hotfixdas lcb/f94] hotfixdasrel
1 file changed, 0 insertions(+), 0 deletions(-)

Jtilizador@DESKTOP-CCS4PP] MINGW64 ~/FranciscodiasDAS (hotfix/hotfixdas)
§ git flow hotfix finish hotfixdas
Switched to branch 'master'

Your branch is up to date with 'origin/master'.

Inint: Waiting for your editor to close the file... error: There was a problem with the editor 'vi'.

Not committing merge; use 'git commit' to complete the merge.

-atal: There were merge conflicts.

Jtilizador@DESKTOP-CCS4PPJ MINGW64 ~/FranciscodiasDAS (master |MERGING)
§ git push origin master

Everything up-to-date
```