Relatório Projeto Final DAS

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Primeiramente começei por criar o repositório com o nome do meu Projeto "ProjetoFinalDAS" e publiquei-o no Git.

1) No primeiro passo criei as branches necessárias e inicializei o repositório no Git Bash, criando também o clone do meu repositório no Git Desktop.

2) No segundo tópico atribuí os privilégios aos membros na qual os developer conseguem fazer submissão de código, sem podendo fazer alterações de visibilidade.

Member privileges

Base permissions

Base permissions to the organization's repositories apply to all members and excludes outside collaborators. Since organization members can have permissions from multiple sources, members and collaborators who have been granted a higher level of access than the base permissions will retain their higher permission privileges.

Write ▾

Repository creation

Members will be able to create only selected repository types. Outside collaborators can never create repositories.

☑ **Public**
Members will be able to create public repositories, visible to anyone.

☐ **Private**
Members will be able to create private repositories, visible to organization members with permission.

Save

Repository forking

☐ **Allow forking of private repositories**
If enabled, forking is allowed on private and public repositories. If disabled, forking is only allowed on public repositories. This setting is also configurable per-repository.

Save

Pages creation

Members will be able to publish sites with only the selected access controls.

☑ **Public**
Members will be able to create public sites, visible to anyone.

☐ **Private**
Members will be able to create private sites, visible to anyone with permission. Why is this option disabled?

Save

3) No terceiro passo, tornei obrigatória a revisão de código antes dos pull requests serem aprovados.

Branch protection rule

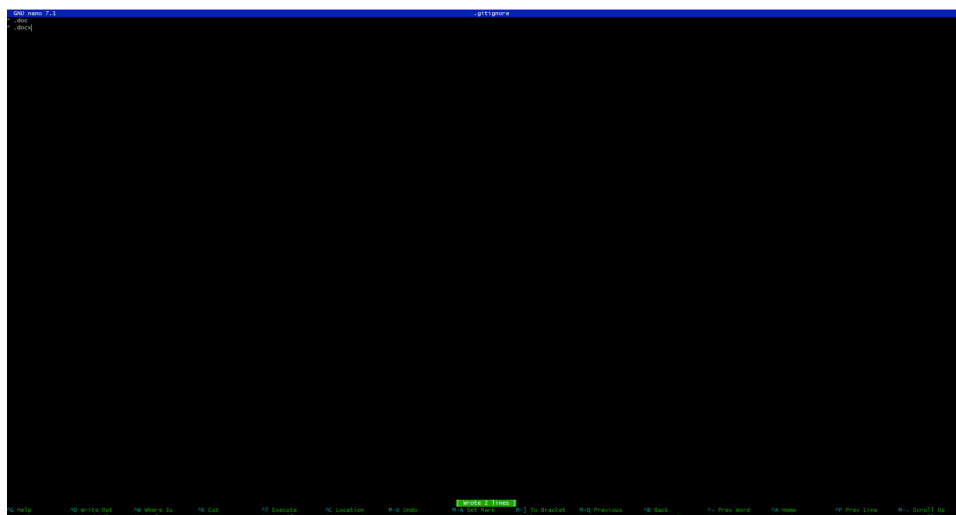**Branch name pattern** *

master

Applies to 1 branch

`master`

Protect matching branches

☑ **Require a pull request before merging**
When enabled, all commits must be made to a non-protected branch and submitted via a pull request before they can be merged into a branch that matches this rule.

    ☑ **Require approvals**
    When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.

        [Required number of approvals before merging: 1 ▾]

    ☐ **Dismiss stale pull request approvals when new commits are pushed**
    New reviewable commits pushed to a matching branch will dismiss pull request review approvals.

    ☑ **Require review from Code Owners**
    Require an approved review in pull requests including files with a designated code owner.

    ☐ **Restrict who can dismiss pull request reviews**
    Specify people, teams, or apps allowed to dismiss pull request reviews.

    ☐ **Allow specified actors to bypass required pull requests**
    Specify people, teams, or apps who are allowed to bypass required pull requests.

    ☐ **Require approval of the most recent reviewable push**
    Whether the most recent reviewable push must be approved by someone other than the person who pushed it.

4) Neste passo, adicionei o ficheiro .gitignore.

5)

carregamento inicial do ficheiro no branch develop

alterações no próprio branch develop com os devidos comentários

Criação das features
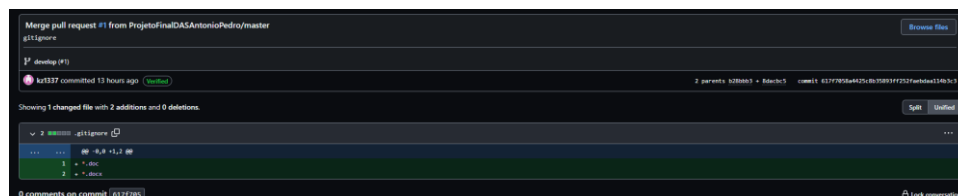
```
Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (master)
$ git checkout develop
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (develop)
$ git add .

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (develop)
$ git commit -m "relatóriov1"
[develop 915d8bb] relatóriov1
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 doc1.pdf

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (develop)
$ git flow feature finish feature1trabalho
Branches 'develop' and 'origin/develop' have diverged.
And local branch 'develop' is ahead of 'origin/develop'.
Already on 'develop'
Your branch is ahead of 'origin/develop' by 1 commit.
  (use "git push" to publish your local commits)
Already up to date.
Deleted branch feature/feature1trabalho (was 617f705).

Summary of actions:
- The feature branch 'feature/feature1trabalho' was merged into 'develop'
- Feature branch 'feature/feature1trabalho' has been locally deleted
- You are now on branch 'develop'
```

Feature 2

```
Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (develop)
$ git flow feature start feature2trabalho
Switched to a new branch 'feature/feature2trabalho'

Summary of actions:
- A new branch 'feature/feature2trabalho' was created, based on 'develop'
- You are now on branch 'feature/feature2trabalho'

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

     git flow feature finish feature2trabalho


Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature2trabalho)
$ git add .

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature2trabalho)
$ git commit -m "relatóriov2"
[feature/feature2trabalho 66751c2] relatóriov2
 1 file changed, 0 insertions(+), 0 deletions(-)

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature2trabalho)
$ git flow feature finish feature2trabalho
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating 915d8bb..66751c2
Fast-forward
 doc1.pdf | Bin 307286 -> 393757 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature2trabalho (was 66751c2).

Summary of actions:
- The feature branch 'feature/feature2trabalho' was merged into 'develop'
- Feature branch 'feature/feature2trabalho' has been locally deleted
- You are now on branch 'develop'
```

Feature 3

```
Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (develop)
$ git flow feature start feature3trabalho
Switched to a new branch 'feature/feature3trabalho'
M       doc1.pdf

Summary of actions:
- A new branch 'feature/feature3trabalho' was created, based on 'develop'
- You are now on branch 'feature/feature3trabalho'

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

    git flow feature finish feature3trabalho


Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature3trabalho)
$ git add .

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature3trabalho)
$ git commit -m "relatóriov3"
[feature/feature3trabalho 4fc08e8] relatóriov3
 1 file changed, 0 insertions(+), 0 deletions(-)

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature3trabalho)
$ git flow feature finish feature3trabalho
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating 66751c2..4fc08e8
Fast-forward
 doc1.pdf | Bin 393757 -> 421022 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature3trabalho (was 4fc08e8).

Summary of actions:
- The feature branch 'feature/feature3trabalho' was merged into 'develop'
- Feature branch 'feature/feature3trabalho' has been locally deleted
- You are now on branch 'develop'
```

Feature 4

```
Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (develop)
$ git flow feature start feature4trabalho
Switched to a new branch 'feature/feature4trabalho'
M        doc1.pdf

Summary of actions:
- A new branch 'feature/feature4trabalho' was created, based on 'develop'
- You are now on branch 'feature/feature4trabalho'

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

    git flow feature finish feature4trabalho


Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature4trabalho)
$ git add .

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature4trabalho)
$ git commit -m "relatóriov4"
[feature/feature4trabalho 47fbc4c] relatóriov4
 1 file changed, 0 insertions(+), 0 deletions(-)

Pedro@DESKTOP-2K46RFU MINGW64 ~/ProjetoFinalDAS (feature/feature4trabalho)
$ git flow feature finish feature4trabalho
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
Updating 4fc08e8..47fbc4c
Fast-forward
 doc1.pdf | Bin 421022 -> 394458 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/feature4trabalho (was 47fbc4c).

Summary of actions:
- The feature branch 'feature/feature4trabalho' was merged into 'develop'
- Feature branch 'feature/feature4trabalho' has been locally deleted
- You are now on branch 'develop'
```