PROJETO FINAL - DAS
Gonçalo Freitas - DS 034

Link acesso repositório:

https://github.com/projetofinalDAS/repositorioprojeto_final

-------------------- **Criação do Repositório por command line** ----------------------

echo "# repositorioprojeto_final" >> README.md
git init
git add README.md
git commit -m "Criação Repositório"
git branch -M main
git remote add origin https://github.com/Skill4r/repositorioprojeto_final.git
git push -u origin main

-------------------- **Criação das Branches para o Gitflow** -----------------------------

git flow init

```
gonca@PORTATILF MINGW64 ~/repositorioprojeto_final (main)
$ git flow init

Which branch should be used for bringing forth production releases?
   - main
Branch name for production releases: [main]
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/gonca/repositorioprojeto_final/.git/hooks
]

gonca@PORTATILF MINGW64 ~/repositorioprojeto_final (develop)
$ git push origin main
Everything up-to-date
```
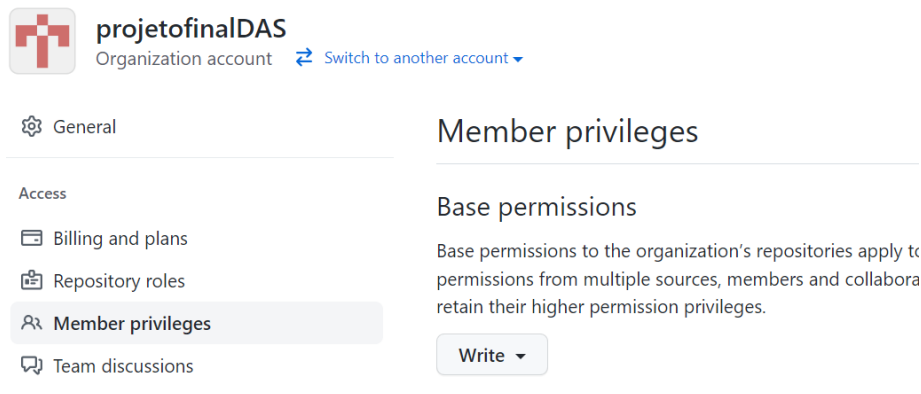
git push origin main

---------------------------------- Níveis de acesso --

Criei uma organização e transferi o meu repositório para essa organização.
Fui às "Settings"/"Member Privileges" e troquei para "write" para conseguirem dar
push/pull

Por fim na mesma aba desabilitei esta opção para apenas os donos conseguirem
mudar a visibilidade do repositório:

--- **Regra** --

Branch name pattern *

> main

Applies to 1 branch

`main`

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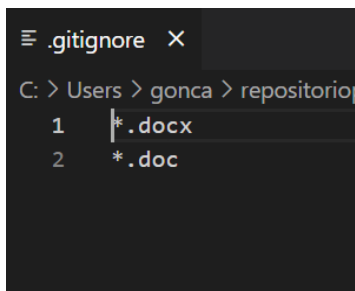
  ☑ **Require approvals**
  When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.

  Required number of approvals before merging: 1 ▾

Obrigatório revisão do código antes de um pull request ser aprovado.

-------------------- **Ficheiro .gitignore (ignorar docx e doc)** ------------------------

git checkout main
git >> .gitignore

≡ .gitignore ✕

C: > Users > gonca > repositoriop
```
1   *.docx
2   *.doc
```

git add .gitignore
git commit -m "Adicionado .gitignore"
git push origin main

📄 .gitignore   Adicionado .gitignore   2 minutes ago

5-

a) 1 carregamento inicial do ficheiro no branch develop

git checkout develop
git pull origin main

b) 5 alterações no próprio branch develop com os devidos comentários

git flow feature start FEAU_1.0
Alteração do ficheiro .gitignore.

```
12 batatas
```

git add .gitignore
git commit -m "Alteração 1.0";
git flow feature finish FEAU_1.0
git push origin develop;

git flow feature start FEAU_1.1
Alteração do ficheiro .gitignore.

```
15 cadeiras
```

git add .gitignore
git commit -m "Alteração 1.1";
git flow feature finish FEAU_1.1
git push origin develop;

git flow feature start FEAU 1.2
Alteração do ficheiro .gitignore.

```
19 bananas
```

git add .gitignore
git commit -m "Alteração 1.2"
git flow feature finish FEAU_1.2
git push origin develop;

git flow feature start FEAU_1.3
Alteração do ficheiro .gitignore.

```
25 limões
```

git add .gitignore
git commit -m "Alteração 1.3"
git flow feature finish FEAU_1.3
git push origin develop;

git flow feature start FEAU_1.4
Alteração do ficheiro .gitignore.

```
49 vidros
```

git add .gitignore
git commit -m "Alteração 1.4"
git flow feature finish FEAU_1.4
git push origin develop;

Aceitar os pull requests e dar merge:

c) 1 release que contribua para o branch master

git checkout develop
git flow release start REL_1.0 develop

```
gonca@PORTATILF MINGW64 ~/repositorioprojeto_final (develop)
$ git flow release start REL_1.0 develop
Switched to a new branch 'release/REL_1.0'

Summary of actions:
- A new branch 'release/REL_1.0' was created, based on 'develop'
- You are now on branch 'release/REL_1.0'

Follow-up actions:
- Bump the version number now!
- Start committing last-minute fixes in preparing your release
- When done, run:

    git flow release finish 'REL_1.0'


gonca@PORTATILF MINGW64 ~/repositorioprojeto_final (release/REL_1.0)
```

```
42 vidros
```

git add .gitignore
git commit -m "Alteração para 42 vidros"
git flow release finish REL_1.0 -m "1.0"

```
gonca@PORTATILF MINGW64 ~/repositorioprojeto_final (release/REL_1.0)
$ git flow finish REL_1.0 -m "1.0"
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
Merge made by the 'ort' strategy.
 .gitignore | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
Already on 'main'
Your branch is ahead of 'origin/main' by 3 commits.
  (use "git push" to publish your local commits)
Switched to branch 'develop'
Merge made by the 'ort' strategy.
 .gitignore | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
Deleted branch release/REL_1.0 (was b2e80a2).

Summary of actions:
- Release branch 'release/REL_1.0' has been merged into 'main'
- The release was tagged 'REL_1.0'
- Release tag 'REL_1.0' has been back-merged into 'develop'
- Release branch 'release/REL_1.0' has been locally deleted
- You are now on branch 'develop'
```
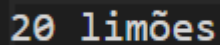
git push origin main

Merge branch 'release/REL_1.0'		04d0d0a	<>
Skill4r committed 4 minutes ago			
Merge branch 'main' of https://github.com/Skill4r/repositorioprojeto_... ...		b2e80a2	<>
Skill4r committed 5 minutes ago			
Alterado para 42 vidros		1d856ba	<>
Skill4r committed 6 minutes ago			

d) 1 hotfix efetuado utilizando a gestão de branches GitFlow

git flow hotfix start 'REL_1.1' develop

```
20 limões
```

git add .gitignore
git commit -m "Hotfix para 20 limões"
git flow hotfix finish REL_1.1

```
gonca@PORTATILF MINGW64 ~/repositorioprojeto_final (hotfix/REL_1.1)
$ git flow hotfix finish REL_1.1
Branches 'develop' and 'origin/develop' have diverged.
And local branch 'develop' is ahead of 'origin/develop'.
Switched to branch 'develop'
Merge made by the 'ort' strategy.
 .gitignore | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
fatal: no tag message?
Fatal: Tagging failed. Please run finish again to retry.

gonca@PORTATILF MINGW64 ~/repositorioprojeto_final (develop)
$
```

git push origin develop

Develop #3

Open Skill4r wants to merge 3 commits into `main` from `develop`

| Conversation 0 | Commits 3 | Checks 0 | Files changed 1 |

Skill4r commented now Owner ☺ ⋯

No description provided.

Skill4r added 3 commits 10 minutes ago

Merge tag 'REL_1.0' into develop ⋯ 99a4403

Hotfix para 20 limões 2ad19d2

Merge branch 'hotfix/REL_1.1' into develop 002e7d9

Add more commits by pushing to the `develop` branch on **Skill4r/repositorioprojeto_final**.

❌ **Review required**
At least 1 approving review is required by reviewers with write access. Learn more.

❌ **Merging is blocked**
Merging can be performed automatically with 1 approving review.

☑ Merge without waiting for requirements to be met (bypass branch protections)

Merge pull request ▾ You can also open this in GitHub Desktop or view command line instructions.