

Instituto Superior de Tecnologias Avançadas do Porto

Curso Técnico Superior Profissional

Ano letivo 2022/2023

Turma Desenvolvimento de Software

RELATÓRIO

DAS

Trabalho prático individual final - Git

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1.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Owner *



nunooppereira ▾



Repository name *

projetodas_np



Great repository names are short and memorable. Need inspiration? How about [fictional-winner](#)?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.



Add a README file

This is where you can write a long description for your project. [Learn more](#).

Add .gitignore

Choose which files not to track from a list of templates. [Learn more](#).

.gitignore template: None ▾

Initialize this repository with:

Skip this step if you're importing an existing repository.

☒ Add a README file

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore


Choose which files not to track from a list of templates. [Learn more.](#)


.gitignore template: **None** ▼

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)

License: **None** ▼

This will set  **main** as the default branch. Change the default name in your [settings](#).

 You are creating a public repository in your personal account.

Create repository

```
md C:\Users\nunop\Desktop\FinalDAS
cd C:\Users\nunop\Desktop\FinalDAS
git branch -M main
git remote add origin https://github.com/nunooppereira/projetodas\_np.git
git push -u origin main
git flow init
```

2.

Organization account name *

DAS-Projeto-NunoPereira ✓

This will be the name of your account on GitHub.
Your URL will be: <https://github.com/DAS-Projeto-NunoPereira>.

Contact email *


nunofilipepereira.03@gmail.com ✓

This organization belongs to: *

☒ My personal account
I.e., nunooppereira (Nuno Pereira)


☐ A business or institution
For example: GitHub, Inc., Example Institute, American Red Cross

Verify your account



☒ I hereby accept the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#).

Next

 **DAS-Projeto-NunoPereira**


Overview Repositories Projects Packages Teams People Settings

Find a repository... Type Sort New repository

projetodas_np Public

0 0 0 0 Updated 1 hour ago

Dar as permissões:

 **DAS-Projeto-NunoPereira**
Organization account [Switch to another account](#) [Go to your organization profile](#)

General

Access

Billing and plans

Repository roles

Member privileges

Team discussions

Import/Export

Moderation

Code, planning, and automation

Repository

Codespaces

Actions

Webhooks

Discussions

Packages

Pages

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.

Read

Organization member permissions

No permission
Members will only be able to clone and pull public repositories. To give a member additional access, you'll need to add them to teams or make them collaborators on individual repositories.

Read
Members will be able to clone and pull all repositories.

Write
Members will be able to clone, pull, and push all repositories.

Admin

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 ▾

Admin repository permissions

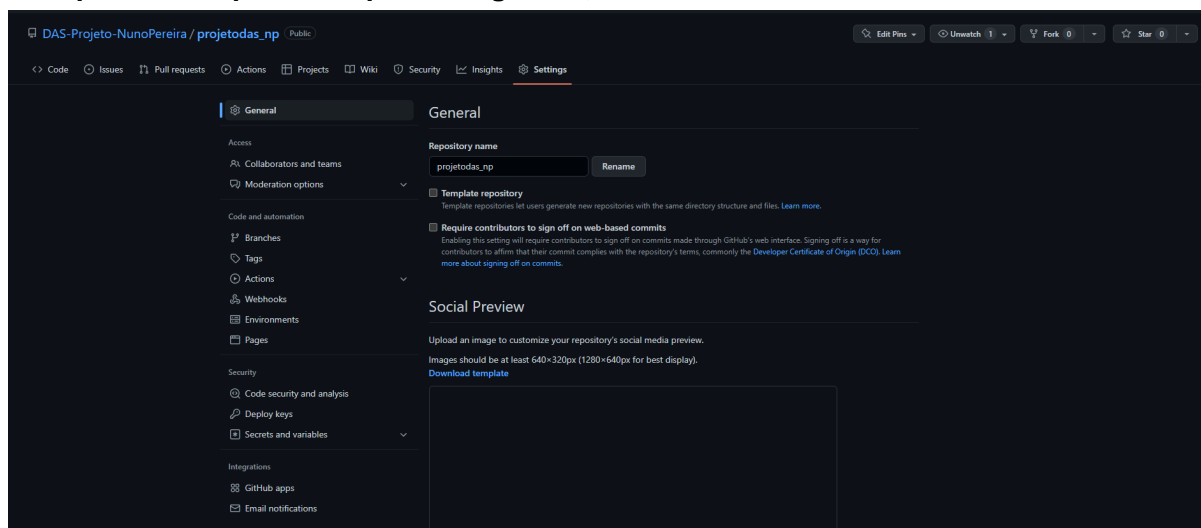
Repository visibility change

☐ **Allow members to change repository visibilities for this organization**

If enabled, members with admin permissions for the repository will be able to change its visibility. If disabled, only organization owners can change repository visibilities.

Save

Para passar o repositório para a organização:



Danger Zone

Change repository visibility

This repository is currently public.

Change visibility

Transfer ownership

Transfer this repository to another user or to an organization where you have the ability to create repositories.

Transfer

Archive this repository

Mark this repository as archived and read-only.

Archive this repository


Delete this repository

Once you delete a repository, there is no going back. Please be certain.

Delete this repository

Clicar no botão "**Transferir**".

Transfer repository: DAS-Projeto-NunoPereira/projetodas_np

 To understand admin access, teams, issue assignments, and redirects after a repository is transferred, see [Transferring a repository](#) in GitHub Help.

Transferring may be delayed until the new owner approves the transfer.

New owner *

☒ Select one of my organizations

Choose an owner ▾

☐ Specify an organization or username

Type DAS-Projeto-NunoPereira/projetodas_np to confirm.

I understand, transfer this repository.

Neste caso, já tinha feito a transferência do repositório, mas é só seleccionar na opção “Choose an owner”, escolher a organização, escrever “**DAS-Projeto-NunoPereira/projetodas_np**” e clicar para transferir o repositório.

3.

The screenshot shows the GitHub repository settings for 'nunooppereira/projetodas_np'. The 'Settings' tab is selected, and the 'Branches' section is active. The 'Default branch' is set to 'main'. The 'Branch protection rules' section shows a message: 'You haven't protected any of your branches'. A button 'Add branch protection rule' is visible.

The screenshot shows the 'Branch protection rule' configuration page. The 'Branch name pattern' is set to 'main'. Under 'Protect matching branches', the following options are checked: 'Require a pull request before merging', 'Require approvals', and 'Dismiss stale pull request approvals when new commits are pushed'. The 'Required number of approvals before merging' is set to 1. The 'Require review from Code Owners' option is unchecked.

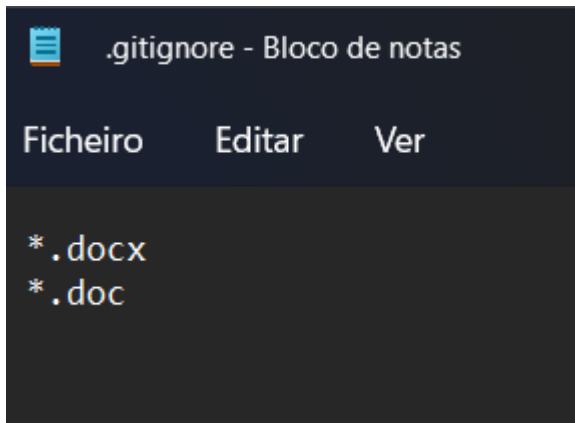
The screenshot shows the 'Branch protection rules' list. There is one rule named 'main' which 'Currently applies to 1 branch'. Buttons for 'Edit' and 'Delete' are visible next to the rule name.

4.

```
C:\Users\nunop\Desktop\FinalDAS>git branch -a
* develop
  master
```

```
C:\Users\nunop\Desktop\FinalDAS>git checkout master
Switched to branch 'master'
```

```
C:\Users\nunop\Desktop\FinalDAS>notepad .gitignore
```



```
C:\Users\nunop\Desktop\FinalDAS>git add .
```

```
C:\Users\nunop\Desktop\FinalDAS>git commit -m ".gitignore add"
[master b0ba9d6] .gitignore add
1 file changed, 2 insertions(+)
create mode 100644 .gitignore

C:\Users\nunop\Desktop\FinalDAS>git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 395 bytes | 197.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
remote: This repository moved. Please use the new location:
remote:   https://github.com/DAS-Projeto-NunoPereira/projetodas_np.git
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/DAS-Projeto-NunoPereira/projetodas_np/pull/new/master
remote:
To https://github.com/nunooppereira/projetodas_np.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```



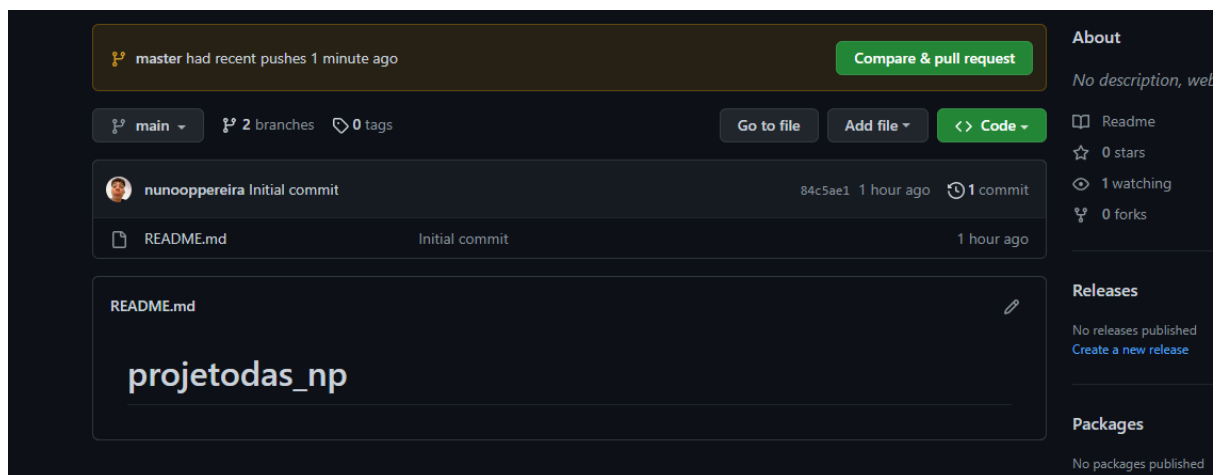
```

C:\Users\nunop\Desktop\FinalDAS>git checkout develop
Switched to branch 'develop'

C:\Users\nunop\Desktop\FinalDAS>git pull origin master
From https://github.com/nunooppereira/projetodas_np
 * branch                master          -> FETCH_HEAD
Updating 92796b4..b0ba9d6
Fast-forward
 .gitignore | 2 ++
 1 file changed, 2 insertions(+)
 create mode 100644 .gitignore

C:\Users\nunop\Desktop\FinalDAS>

```



5.

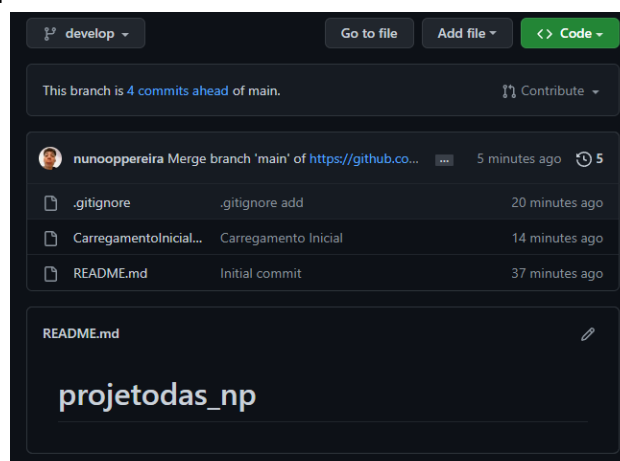
a.

Adicionar o ficheiro à pasta

Git add .

git commit -m "Relatório Inicial"

git push origin develop



b.

git flow feature start nome

[COLOCAR AS ALTERAÇÕES NA PASTA]

git add .

git commit -m "alterações"

git flow feature finish nome

git push origin develop

```
nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (develop)
$ git flow feature start Primeiro
Switched to a new branch 'feature/Primeiro'

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

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

    git flow feature finish Primeiro

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Primeiro)
$ git add .

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Primeiro)
$ git commit -m "Primeira alteração"
[feature/Primeiro 7b31383] Primeira alteração
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Relatorio.pdf

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Primeiro)
$ git flow feature finish Primeiro
Switched to branch 'develop'
Updating a21f331..7b31383
Fast-forward
 Relatorio.pdf | Bin 0 -> 672788 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Relatorio.pdf
Deleted branch feature/Primeiro (was 7b31383).

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

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (develop)
$ git push origin develop
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 606.67 KiB | 8.79 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.
To https://github.com/DAS-Projeto-NunoPereira/projetodas_np.git
 a21f331..7b31383 develop -> develop

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (develop)
$
```

```
nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (develop)
$ git flow feature start Segundo
Switched to a new branch 'feature/Segundo'
M Relatorio.pdf

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

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

    git flow feature finish Segundo

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Segundo)
$ git add .

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Segundo)
$ git commit -m "Segundas Alterações"
[feature/Segundo cef9d37] Segundas Alterações
 1 file changed, 0 insertions(+), 0 deletions(-)

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Segundo)
$ git flow feature finish Segundo
Switched to branch 'develop'
Updating 7b31383..cef9d37
Fast-forward
 Relatorio.pdf | Bin 672788 -> 731839 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/Segundo (was cef9d37).

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

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (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% (3/3), done.
Writing objects: 100% (3/3), 56.21 KiB | 3.12 MiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/DAS-Projeto-NunoPereira/projetodas_np.git
 7b31383..cef9d37 develop -> develop

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (develop)
$
```

```
nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (develop)
$ git flow feature start Terceira
Switched to a new branch 'feature/Terceira'

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

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

    git flow feature finish Terceira

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Terceira)
$ git add .

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Terceira)
$ git commit -m "Terceiras Alterações"
[feature/Terceira 6881161] Terceiras Alterações
1 file changed, 0 insertions(+), 0 deletions(-)

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (feature/Terceira)
$ git flow feature finish Terceira
Switched to branch 'develop'
Updating cef9d37..6881161
Fast-forward
 Relatorio.pdf | Bin 731839 -> 789087 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
Deleted branch feature/Terceira (was 6881161).

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

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (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% (3/3), done.
Writing objects: 100% (3/3), 54.51 KiB | 2.18 MiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/DAS-Projeto-NunoPereira/projetodas_np.git
   cef9d37..6881161  develop -> develop

nunop@LAPTOP-FK46G5LP MINGW64 ~/desktop/FinalDAS (develop)
```