

Trabalho Prático Individual Final

DAS

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DAS

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Repositório

Criação Repositório -

Para a criação do meu repositório utilizei diretamente o GitHub para a formação do mesmo. Para o conseguir utilizar realizei um clone do repositório diretamente para o meu computador com o prompt de comando.

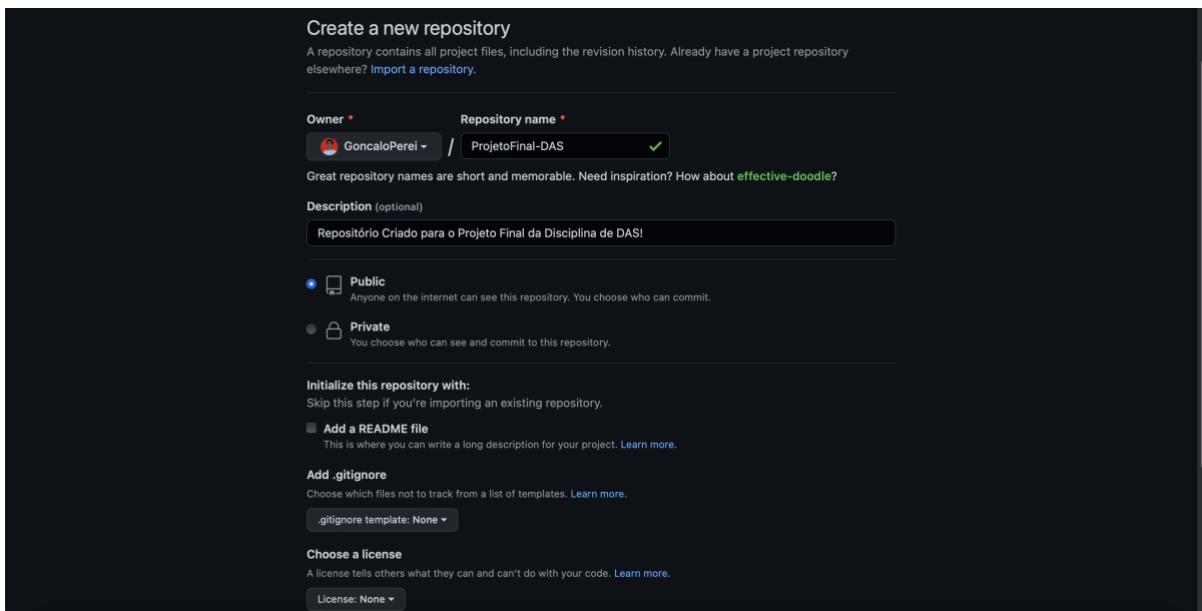


Figura 1 - Criação Repositório no GitHub

A screenshot of a terminal window titled 'GitHub — zsh — 80x24'. The window shows a command-line session. The user has logged in and navigated to their home directory. They then run the command 'git clone https://github.com/GoncaloPerei/ProjetoFinal-DAS.git'. The terminal displays the output of the cloning process, including object enumeration, counting, compressing, and receiving objects, until it finally says 'done.' at the end.

```
Last login: Tue Jan 24 15:32:15 on ttys000
goncalopereira@Goncalos-MacBook-Air ~ % cd /Users/goncalopereira/Documents/GitHub
[goncalopereira@Goncalos-MacBook-Air GitHub % git clone https://github.com/GoncaloPerei/ProjetoFinal-DAS.git
Cloning into 'ProjetoFinal-DAS'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
goncalopereira@Goncalos-MacBook-Air GitHub %
```

Figura 2 - Clone do Repositório



Figura 3 - Repositório Local

Criação Branches Gitflow -

Para a criação do modelo Gitflow utilizei o comando “Git Flow Init”. Defini todos os valores das branches como “default”.

```
Last login: Tue Jan 24 15:33:03 on ttys000
goncalopereira@Goncalos-MacBook-Air ~ % cd /Users/goncalopereira/Documents/GitHub
goncalopereira@Goncalos-MacBook-Air GitHub % cd ProjetoFinal-DAS
goncalopereira@Goncalos-MacBook-Air ProjetoFinal-DAS % 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/]
Release branches? [release/]
Hotfix branches? [hotfix/]
Support branches? [support/]
Version tag prefix? []
goncalopereira@Goncalos-MacBook-Air ProjetoFinal-DAS %
```

Figura 4 - Criação Modelo Git Flow

```
[goncalopereira@Goncalos-MacBook-Air ProjetoFinal-DAS % git branch -a
* develop
  main
  remotes/origin/HEAD -> origin/main
  remotes/origin/main
```

Criação Regras

Para permitir a developers a submissão de código, mas nunca a alteração de visibilidade do repositório criei o meu repositório dentro de uma organização e mudei os privilégios de membros.

The screenshot shows the 'Integration access requests' section of the GitHub organization settings. It includes a checkbox for 'Allow integration requests from outside collaborators' which is checked, with a note explaining that outside collaborators will be able to request access for GitHub or OAuth apps to access the organization's resources. A 'Save' button is present. Below this, the 'Admin repository permissions' section is shown, featuring a 'Repository visibility change' section with a checkbox for 'Allow members to change repository visibilities for this organization' which is unchecked, with a note explaining that if enabled, members with admin permissions for the repository will be able to change its visibility. Another 'Save' button is present.

Para tornar obrigatória a revisão de código antes de um pull request ser aprovado mudei as regras das branches dentro do meu repositório.

The screenshot shows the 'Merge rules' section of the GitHub repository settings. It features a checkbox for 'Require conversation resolution before merging' which is checked, with a note explaining that when enabled, all conversations on code must be resolved before a pull request can be merged into a branch that matches this rule. A link to 'Learn more' is provided. Other sections like 'Integrations' and 'GitHub apps' are visible on the left.

Link para Repositório

<https://github.com/GoncaloPerei/ProjetoFinal-DAS>