

Instituto Superior de Tecnologias Avançadas do Porto
CTESP DS - Curso Técnico Superior Profissional de
Desenvolvimento de Software

Ano letivo 2022/2023
DAS - Desenvolvimento Ágil de Software

Trabalho Prático Individual

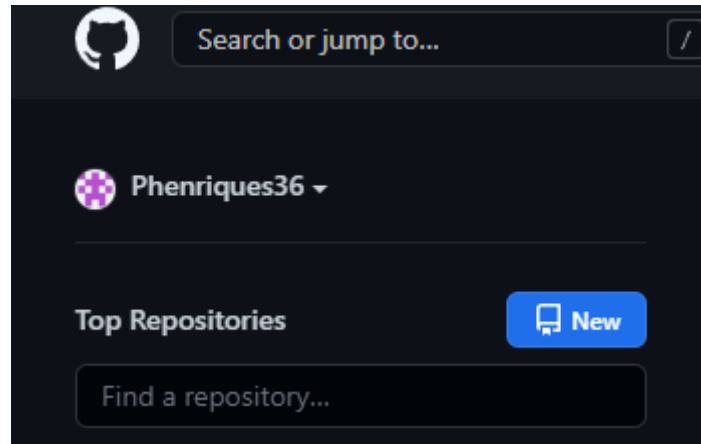
Final - DAS



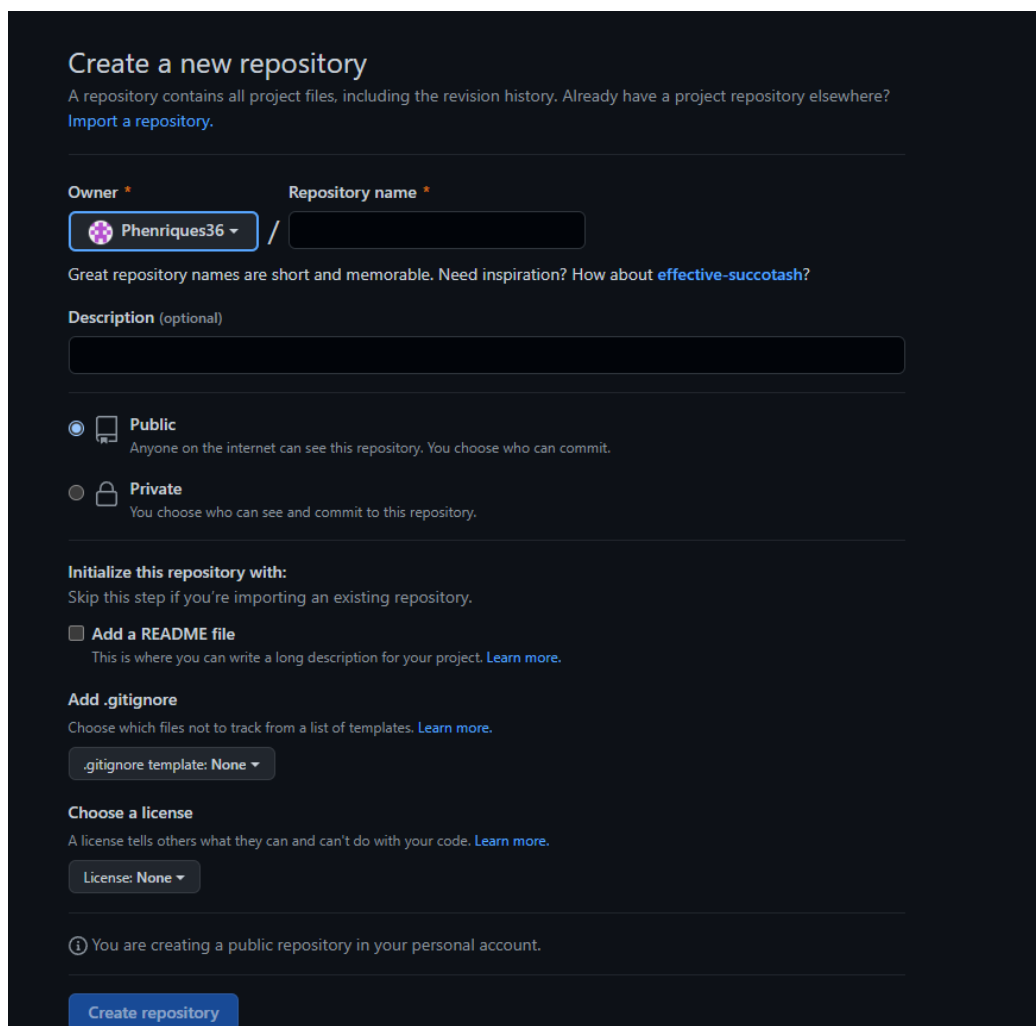
Paulo Henriques

Ponto 1

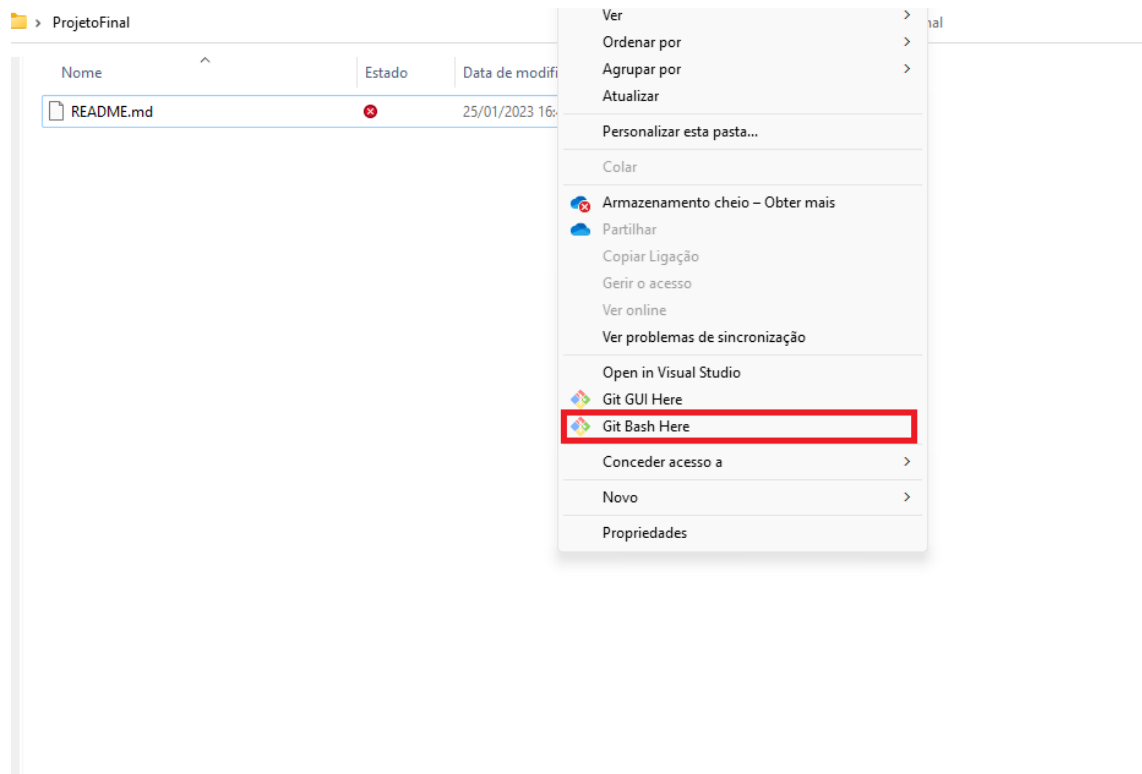
Primeiramente temos de criar um repositório no GitHub para isso depois de entrarmos com a nossa conta no GitHub devemos seleccionar a opção New



Depois vai aparecer este ecrã onde devemos preencher com as informações que queremos

A screenshot of the 'Create a new repository' form on GitHub. The form has a dark background. At the top, it says 'Create a new repository' followed by a description and a link to 'Import a repository'. Below this, there are two input fields: 'Owner' (with a dropdown menu showing 'Phenriques36') and 'Repository name'. A note below these fields says 'Great repository names are short and memorable. Need inspiration? How about effective-succotash?'. Then, there is a 'Description (optional)' text area. Below that, there are two radio buttons for 'Public' (selected) and 'Private'. Underneath, there is a section 'Initialize this repository with:' with a note 'Skip this step if you're importing an existing repository.' and a checkbox for 'Add a README file'. Then, there is a section 'Add .gitignore' with a note 'Choose which files not to track from a list of templates.' and a dropdown menu for '.gitignore template: None'. Below that, there is a section 'Choose a license' with a note 'A license tells others what they can and can't do with your code.' and a dropdown menu for 'License: None'. At the bottom, there is an information icon and a note 'You are creating a public repository in your personal account.' and a blue button labeled 'Create repository'.

De seguida vamos abrir o git bash na pasta que queremos usar como repositório local da seguinte forma, neste caso vou utilizar uma pasta com o nome ProjetoFinal e seleccionar a opção marcada a vermelho



Depois do GIT Bash aberto devemos usar o seguinte código para ligar o repositório local ao GitHub

```
echo "# ProjetoFinal" >> README.md
git init
git add README.md
git commit -m "Add README"
git branch -M main
git remote add origin "https://github.com/Phenriques36/TrabalhoFinalGITDAS.git"(o
link aqui é diferente para todos, este é apenas o link do meu repositório)
git push -u origin main
git flow init
```

Ponto 2

Neste ponto é suposto definir níveis de acesso de uma organização, para isso devemos criar uma organização e definir os seguintes passos

The screenshot shows the GitHub organization overview page for 'TrabalhoFinalDAS'. The top navigation bar includes links for Overview, Repositories, Projects, Packages, Teams, People, and Settings. The main content area is titled 'We think you're gonna like it here.' and lists several suggested tasks: 'Invite your people' (with sub-tasks 'Invite your first member' and 'Customize members' permissions'), 'Collaborative coding' (with sub-tasks 'Create a pull request' and 'Create a branch protection rule'), and 'Automation and CI/CD'. A right-hand sidebar contains a notification 'You can now follow organization', a 'Discussions' section, and a 'Repositories' section with buttons for 'Create new repository' and 'Import'. The 'People' section at the bottom of the sidebar shows a placeholder for a team member.

The screenshot shows the 'Member privileges' settings page for a GitHub organization. It is divided into four sections: 'Base permissions' (with a 'Write' dropdown), 'Repository creation' (with checkboxes for 'Public' and 'Private'), 'Repository forking' (with a checkbox for 'Allow forking of private repositories'), and 'Pages creation' (with checkboxes for 'Public' and 'Private'). Each section includes a brief description of the permissions and a 'Save' button at the bottom.

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

Repository deletion and transfer

☒ **Allow members to delete or transfer repositories for this organization**

If enabled, members with admin permissions for the repository will be able to delete or transfer public and private repositories. If disabled, only organization owners can delete or transfer repositories.

Save

Issue deletion

☐ **Allow repository administrators to delete issues for this organization**

If enabled, members with admin permissions for the repository will be able to delete issues. If disabled, only organization owners can delete issues. [Learn more.](#)

Save

Member team permissions

Team creation rules

☒ **Allow members to create teams**

If enabled, any member of the organization will be able to create new teams. If disabled, only organization owners can create new teams.

Save

Depois disto feito as permissões estarão bem definidas permitindo a developers a submissão de código, mas nunca a alteração de visibilidade do repositório.

Ponto 3