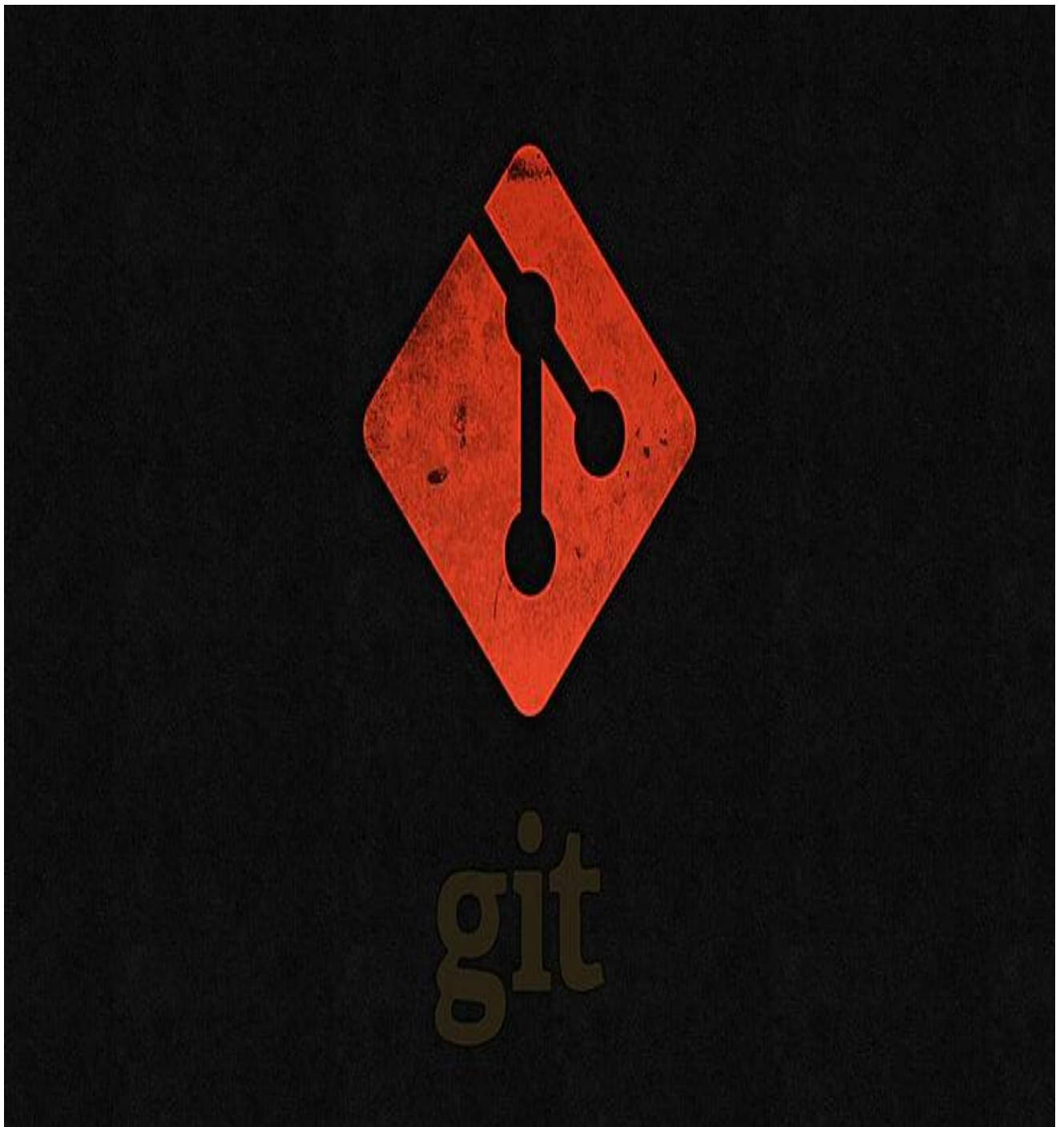


Pieter Johannes (600640)

Ruhan Slate (600381)

Milestone 1

DOP361

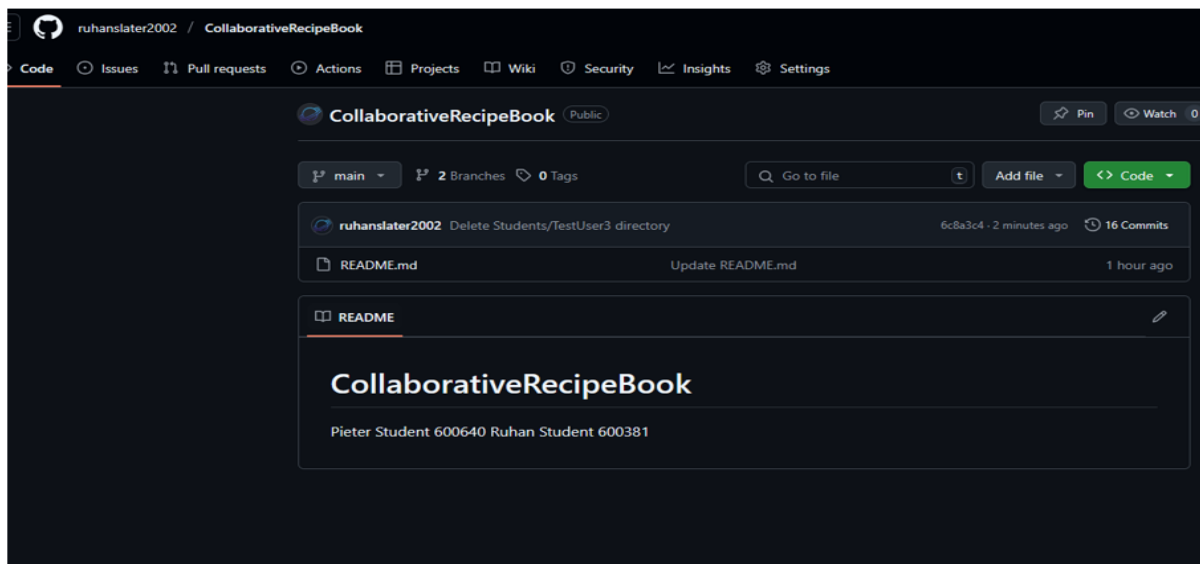


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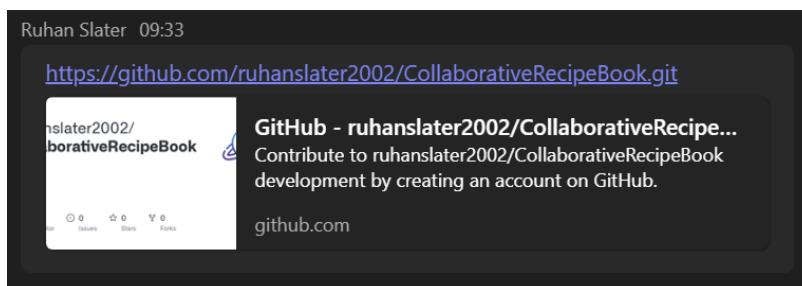
## Creating the Repository

1. Created a New Repository  
Ruhan created a New Repository by click the + icon at the top-right corner of the page. => Select New repository from the dropdown.
2. Set Repository Details
  - Repository name: CollaborativeRecipeBook
  - Privacy: Choose Public
  - Initialize this repository with:
    - Check Add a README file to important so the repo is not empty
    - “Optional” You can add a .gitignore or license if you want.
3. Create Repository
  - Click the green Create repository button.

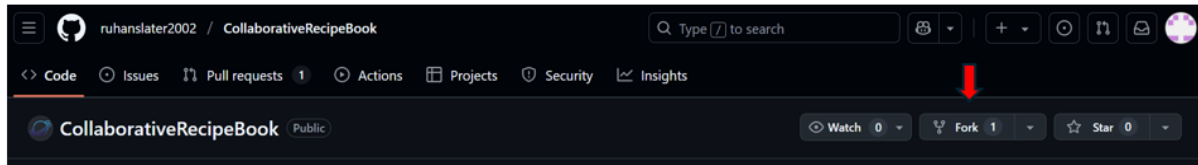


## Fork the Repository

Ruhan send a link



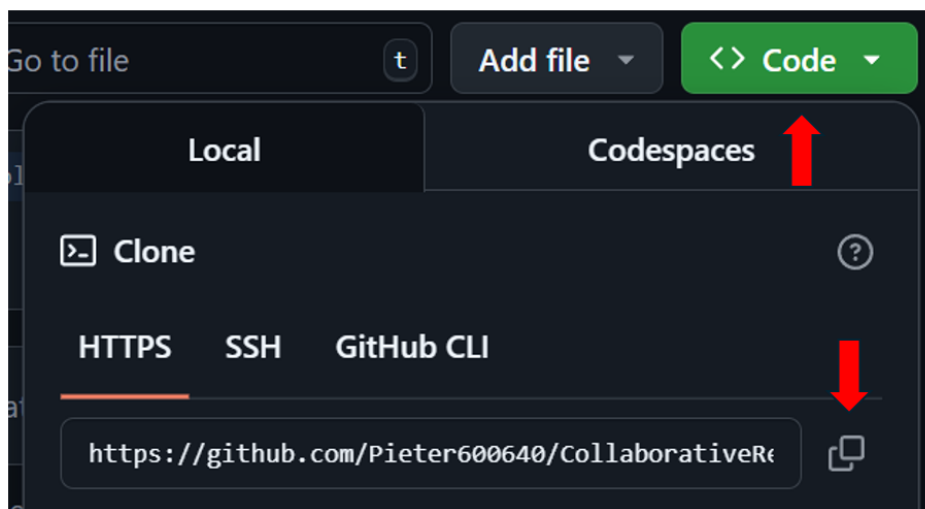
Then click on the link => on the GitHub Page for “CollaborativeRecipeBook”, click Fork on the top right.



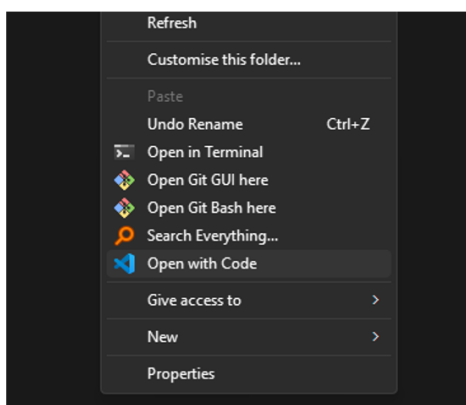
GitHub will copy the repo into your own account.

## Clone the Forked Repository

By clicking on code, Copy the HTTPS URL of your fork



Create a File name “DOP Group Project” => Right click => click on more options:



Open Terminal or Git Bash, and run:

**git clone https://github.com/yourname/CollaborativeRecipeBook.git**

```
Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project
$ git clone https://github.com/Pieter600640/CollaborativeRecipeBook.git
Cloning into 'CollaborativeRecipeBook'...
remote: Enumerating objects: 17, done.
remote: Counting objects: 100% (17/17), done.
remote: Compressing objects: 100% (13/13), done.
remote: Total 17 (delta 0), reused 11 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (17/17), 4.27 KiB | 546.00 KiB/s, done.
```

Go to the Directory

**cd CollaborativeRecipeBook**

```
Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project
$ cd CollaborativeRecipeBook
```

To see what is in directory type “ls” command

```
Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project/CollaborativeRecipeBook (main)
$ ls
README.md  Students/
```

Go to Students directory:

```
Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project/CollaborativeRecipeBook (main)
$ cd Students
```

Creat the User Branch by typing this command:

**git switch -c Pieter**

```
Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project/CollaborativeRecipeBook/Students (main)
$ git switch -c Pieter
Switched to a new branch 'Pieter'
```

Creat a Branch for “chocolate cake”

**git checkout -b add-chocolate-cake**

```
Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project/CollaborativeRecipeBook/Students (Pieter)
$ git checkout -b add-chocolate-cake
Switched to a new branch 'add-chocolate-cake'
```

Okay, now lets create a file and add our ingredients

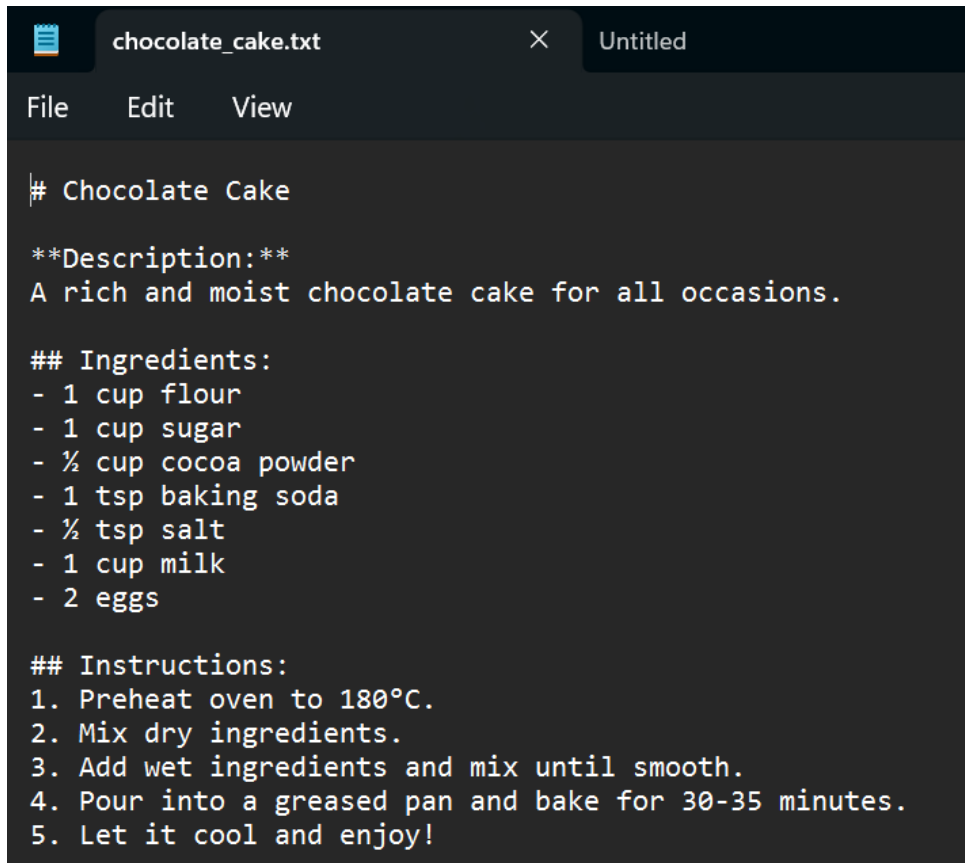
Creat a Text file name “chocolate\_cake.txt”

**touch chocolate\_cake.txt**

Type “ls” to see if it is created

```
Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project/CollaborativeRecipeBook/Students (add-chocolate-cake)
$ ls
chocolate_cake.txt  spicy-chickpea-wrap.md
```

On the notepad "chocolate\_cake.txt" => Add the recipe:



```

# Chocolate Cake

**Description:**
A rich and moist chocolate cake for all occasions.

## Ingredients:
- 1 cup flour
- 1 cup sugar
- ½ cup cocoa powder
- 1 tsp baking soda
- ½ tsp salt
- 1 cup milk
- 2 eggs

## Instructions:
1. Preheat oven to 180°C.
2. Mix dry ingredients.
3. Add wet ingredients and mix until smooth.
4. Pour into a greased pan and bake for 30-35 minutes.
5. Let it cool and enjoy!
  
```

Save and close.

## Stage and commit the file

Type the next command:

**git add chocolate\_cake.txt**

**git commit -m "Add chocolate cake recipe"**

```

Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project/CollaborativeRecipeBook/Students (add-chocolate-cake)
$ git add chocolate_cake.txt

Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project/CollaborativeRecipeBook/Students (add-chocolate-cake)
$ git commit -m "Add chocolate cake receipt"
[add-chocolate-cake 26ced30] Add chocolate cake receipt
1 file changed, 22 insertions(+)
create mode 100644 Students/chocolate_cake.txt
  
```

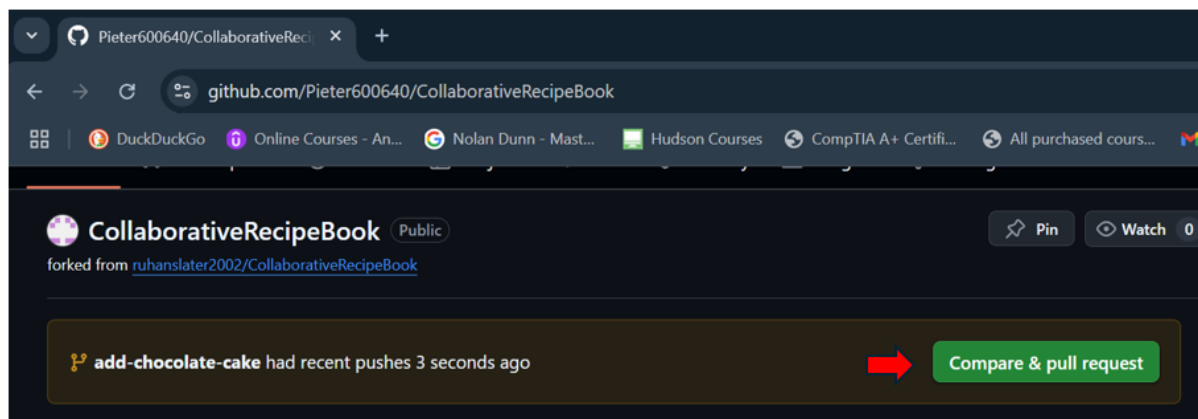
Push the branch to GitHub by typing the next command

**git push origin add-chocolate-cake**

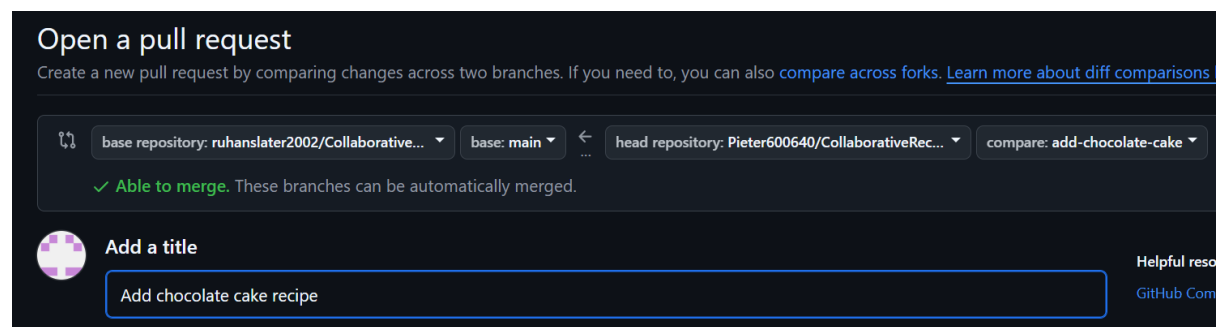
```
Pieter Swart@LAPTOP-2L18MPBM MINGW64 /c/DOP Group Project/CollaborativeRecipeBook/Students (add-chocolate-cake)
$ git push origin add-chocolate-cake
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 16 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 688 bytes | 344.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'add-chocolate-cake' on GitHub by visiting:
remote:   https://github.com/Pieter600640/CollaborativeRecipeBook/pull/new/add-chocolate-cake
remote:
To https://github.com/Pieter600640/CollaborativeRecipeBook.git
 * [new branch]      add-chocolate-cake -> add-chocolate-cake
```

## Create a pull request

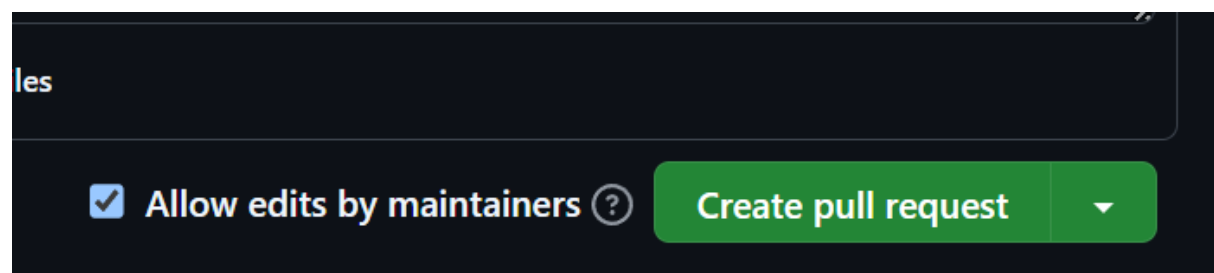
Go to your GitHub fork in your browser. GitHub will prompt you to make a pull request from add-chocolate-cake to the original repo's main branch. => Click on "Compare & pull request"



Add a message "Added chocolate cake recipe"



Then Click on "Creat the pull request"



## References

Adhikary, T., 2022. How to Fork a GitHub Repository – A Complete Workflow. 11 Feb, pp. <https://www.freecodecamp.org/news/how-to-fork-a-github-repository/>.

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