

# How create branch and folder name in GitHub through gitbash

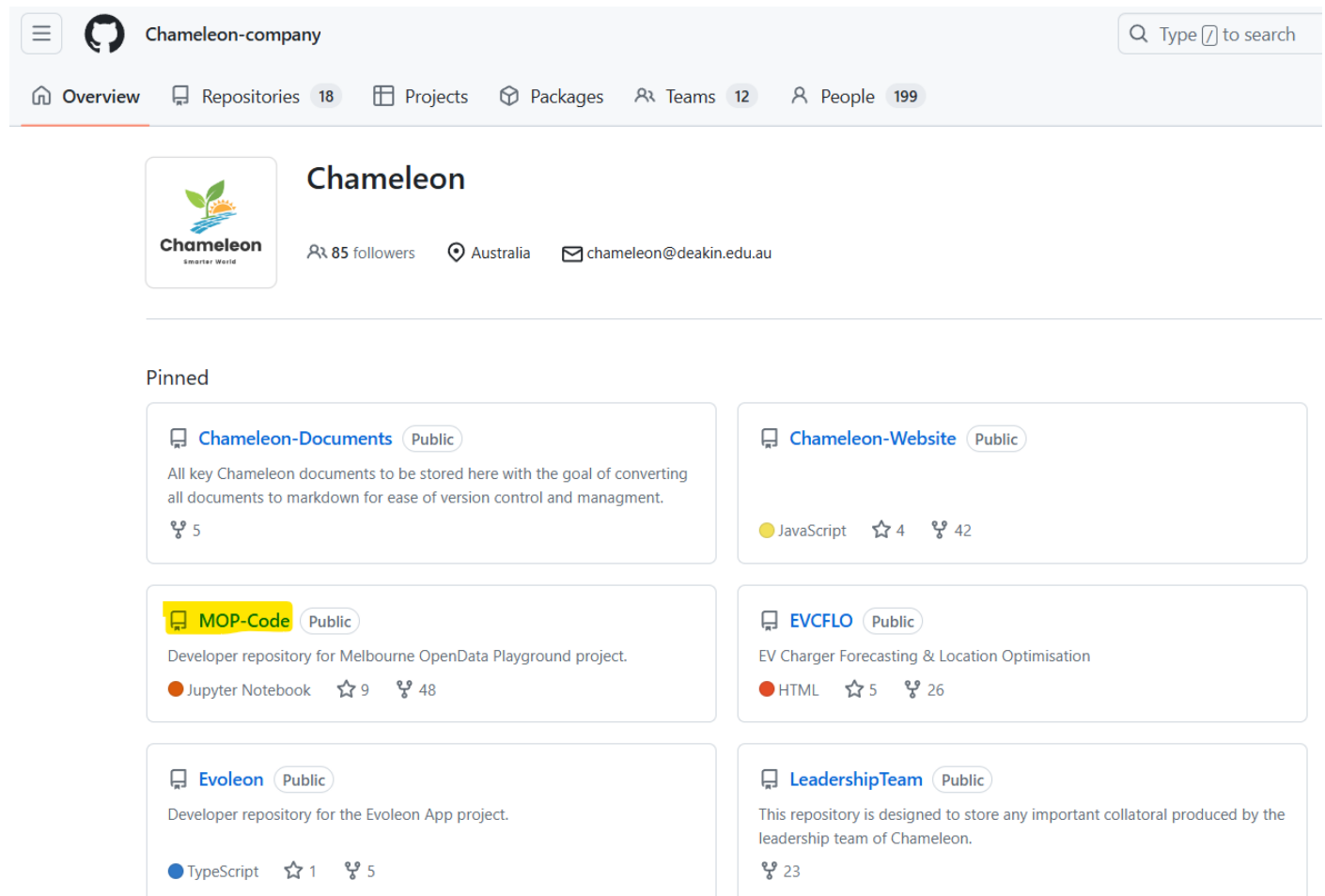
This documentation was made to demonstrate how to create branch and folder name in GitHub through gitbash. This documentation shows the steps using Windows 10.

## Steps to follow to create branch and folder name in GitHub through gitbash

### Step 1: Branch

Chameleon GitHub : <https://github.com/Chameleon-company>

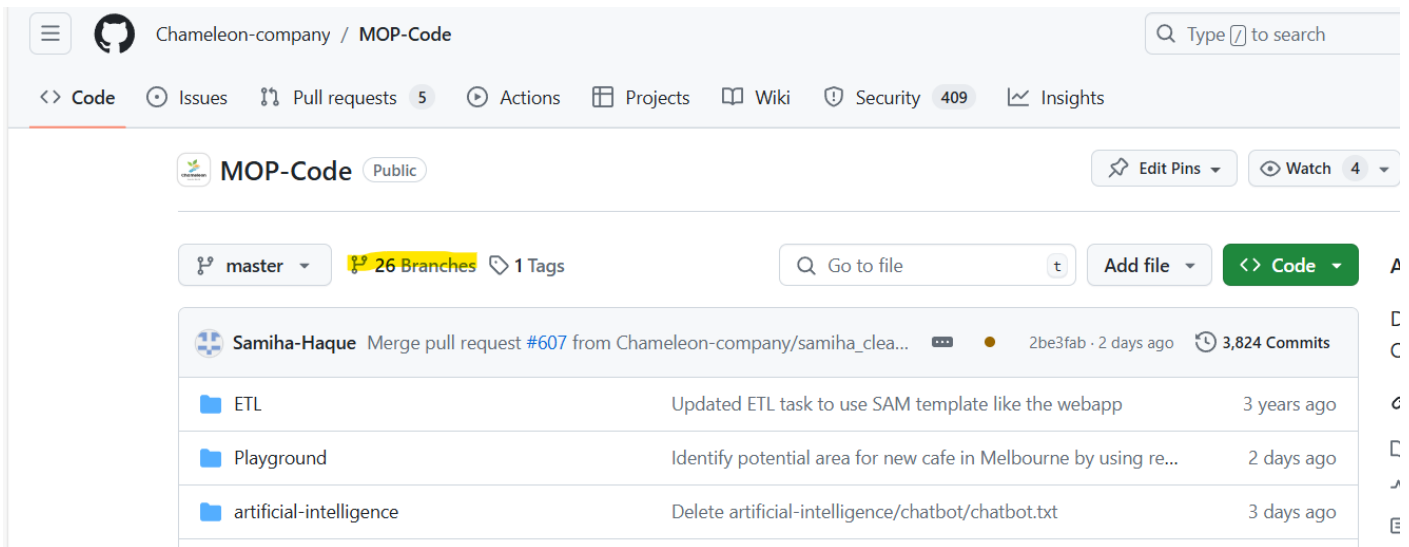
Then select MOP-Code.



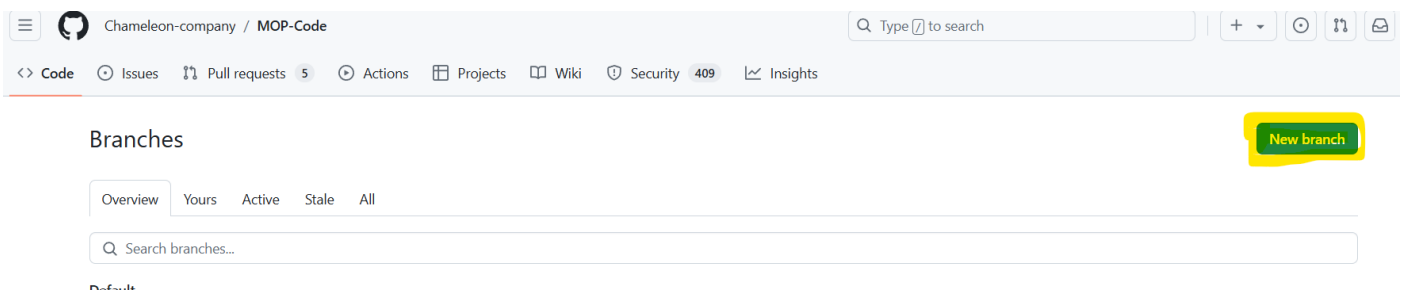
The screenshot shows the GitHub profile page for 'Chameleon-company'. The header includes the company name, a search bar, and navigation links for Overview, Repositories (18), Projects, Packages, Teams (12), and People (199). The profile section displays the Chameleon logo, 85 followers, location in Australia, and email address chameleon@deakin.edu.au. Below the profile, a 'Pinned' section lists six repositories:

- Chameleon-Documents** (Public): All key Chameleon documents to be stored here with the goal of converting all documents to markdown for ease of version control and management. 5 forks.
- Chameleon-Website** (Public): JavaScript, 4 stars, 42 forks.
- MOP-Code** (Public): Developer repository for Melbourne OpenData Playground project. Jupyter Notebook, 9 stars, 48 forks.
- EVCFLO** (Public): EV Charger Forecasting & Location Optimisation. HTML, 5 stars, 26 forks.
- Evoleon** (Public): Developer repository for the Evoleon App project. TypeScript, 1 star, 5 forks.
- LeadershipTeam** (Public): This repository is designed to store any important collateral produced by the leadership team of Chameleon. 23 forks.

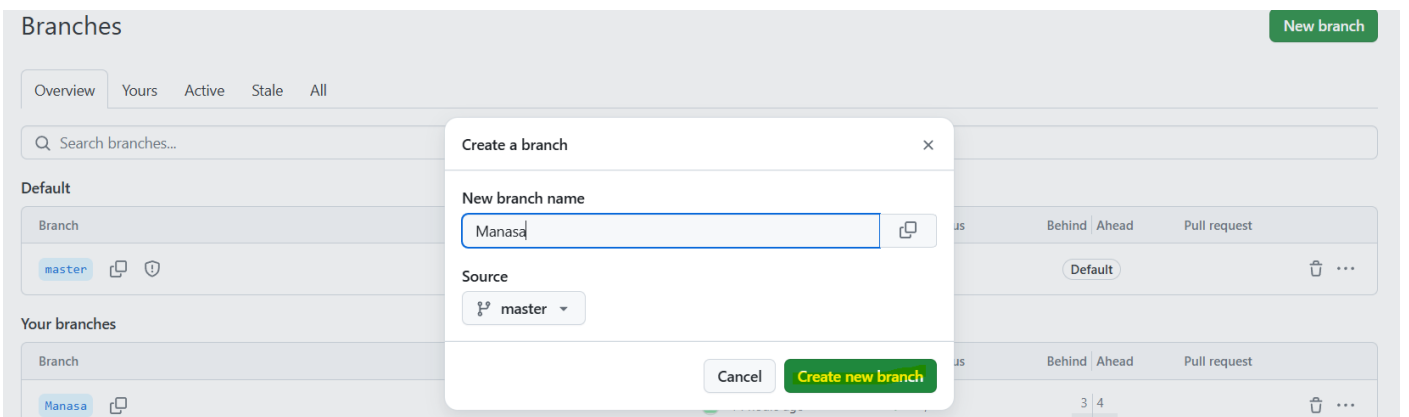
Step 2: Then select branches.



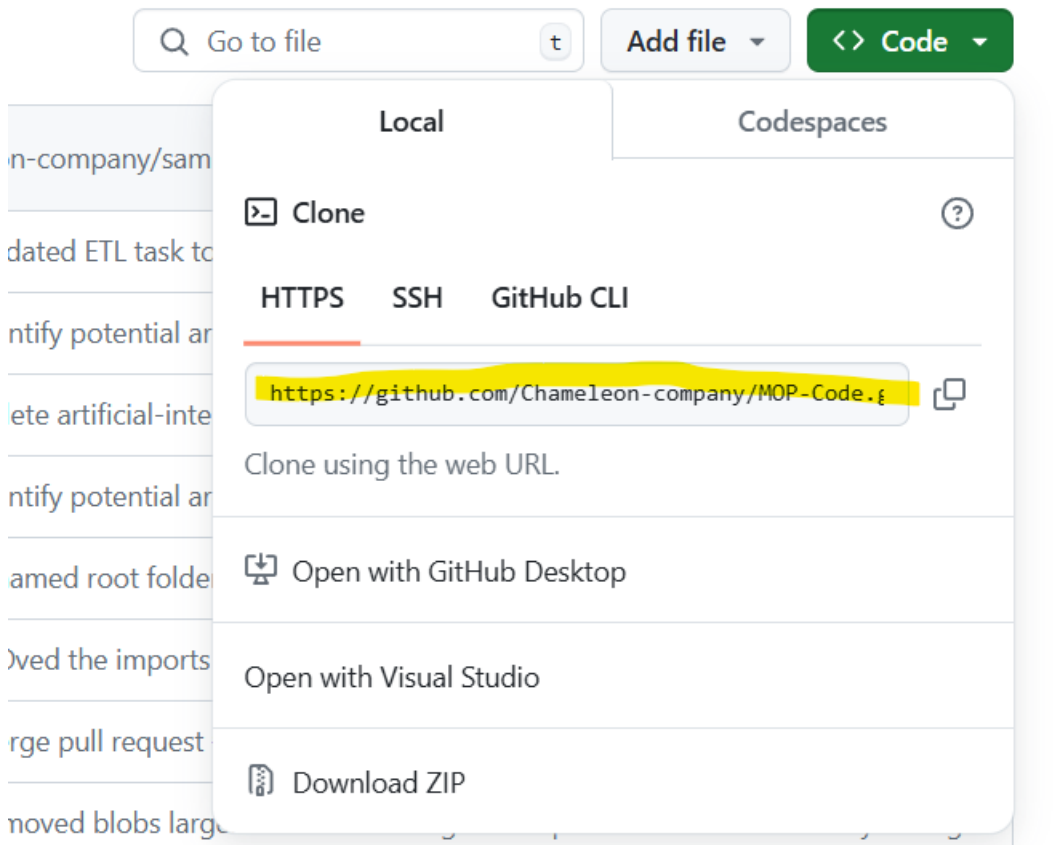
Step 3: Click to create a new branch.



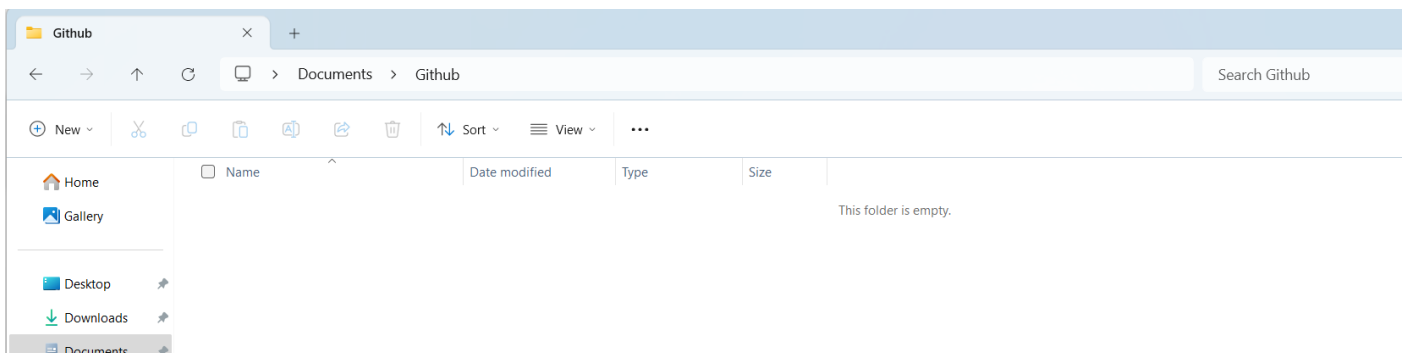
Make sure you copied from the master and give your own branch name and click on create new branch.



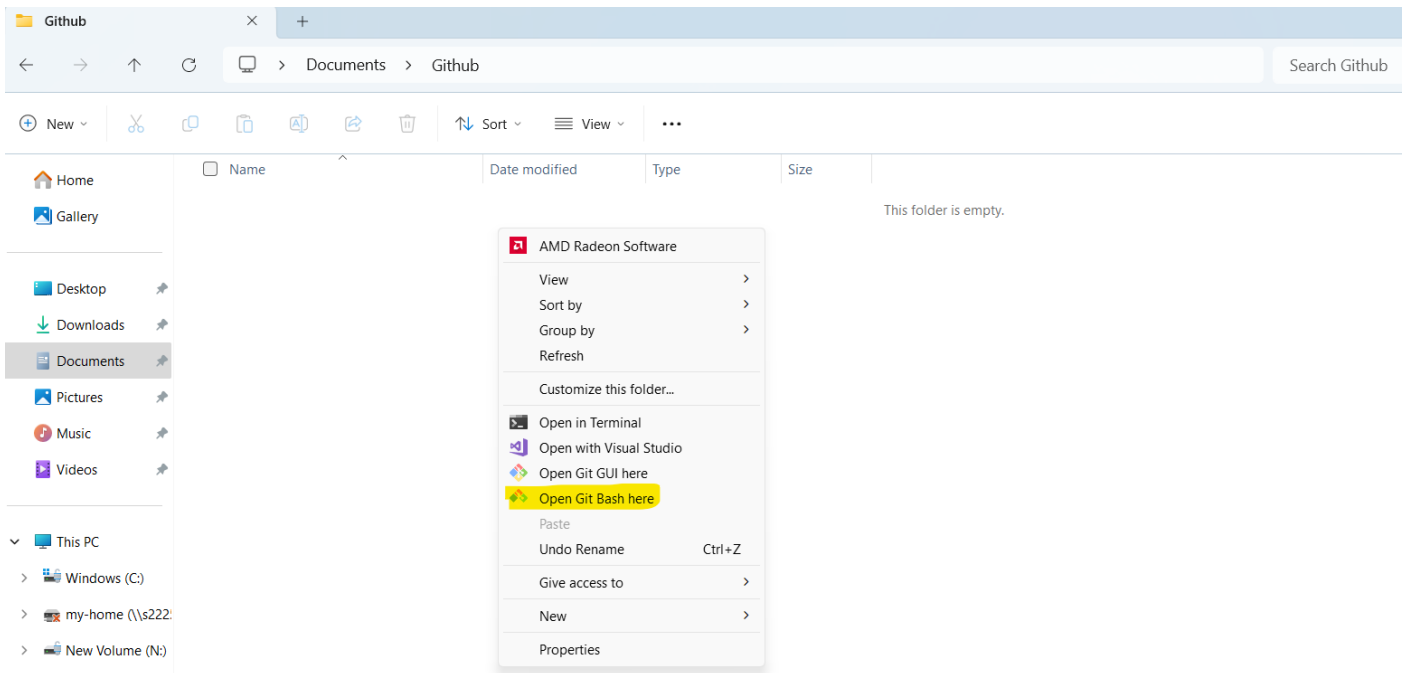
Return to the MOP-Code page and click Code and select the URI



Step 4: Select a local storage location and create a folder . Note: The entire file is 5GB.



Within the folder select Open with bash here

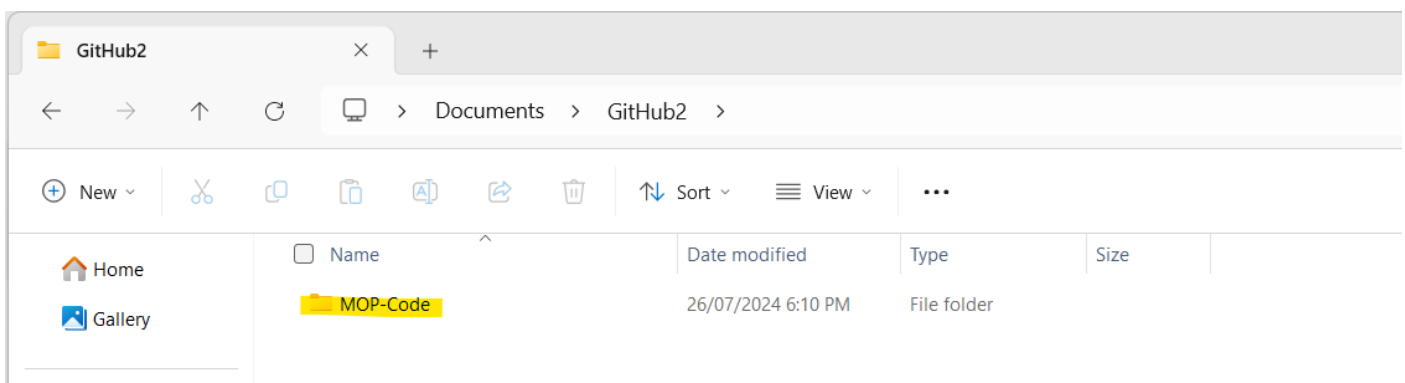


And then type git clone by adding the url copied from github Code and enter

**git clone** <https://github.com/Chameleon-company/MOP-Code.git>

```
MINGW32:/c/Users/nmana/Documents/GitHub2/MOP-Code/Playground/Manasa
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2
$ git clone https://github.com/Chameleon-company/MOP-Code.git
Cloning into 'MOP-Code'...
remote: Enumerating objects: 40983, done.
remote: Counting objects: 100% (2335/2335), done.
remote: Compressing objects: 100% (1028/1028), done.
remote: Total 40983 (delta 1558), reused 1899 (delta 1234), pack-reused 38648
Receiving objects: 100% (40983/40983), 1.29 GiB | 3.25 MiB/s, done.
Resolving deltas: 100% (17963/17963), done.
Updating files: 100% (11450/11450), done.
```

Step 5: After updating the file MOP-Code folder would be created



In git bash type **cd MOP-Code**

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2
$ cd MOP-Code
```

And **cd Playground**

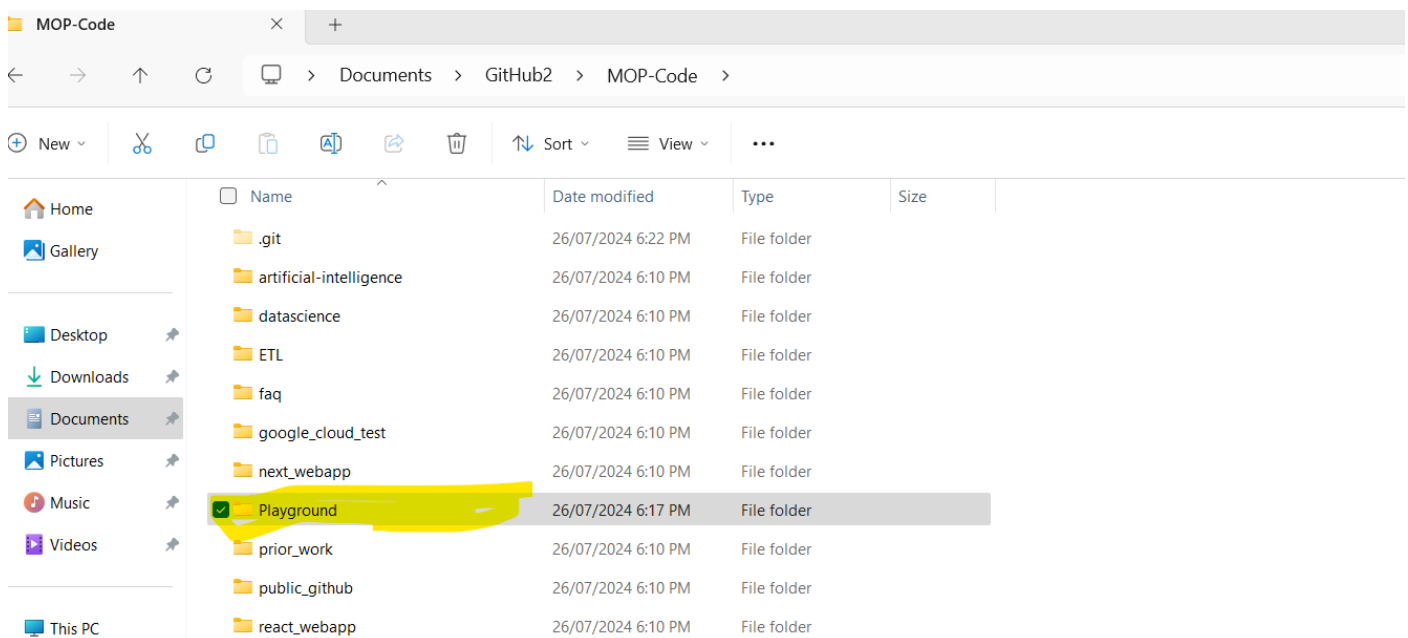
```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code (master)
$ cd Playground
```

Now we will need to switch from master branch to your branch hence type git check out and type your branch name created in github.

**git checkout Manasa**

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground (master)
$ git checkout Manasa
Switched to a new branch 'Manasa'
branch 'Manasa' set up to track 'origin/Manasa'.
```

In local storage location now go to MOP – Code → Playground



Step 6: Create a folder inside playground.

Note : In the playground folder I have created by my name

Playground

Documents > GitHub2 > MOP-Code > Playground

New | Cut | Copy | Paste | Delete | Sort | View

Name	Date modified	Type	Size
Akintomiwa	26/07/2024 6:10 PM	File folder	
ARCHIVE	26/07/2024 6:17 PM	File folder	
LiveabilityAnalysis_samiha	26/07/2024 6:10 PM	File folder	
Manasa	26/07/2024 6:19 PM	File folder	
RuofengQIU-T3	26/07/2024 6:10 PM	File folder	
venuka	26/07/2024 6:10 PM	File folder	
house-prices-by-small-area-sale-year...	26/07/2024 6:10 PM	Microsoft Excel Co...	17 KB

Step 7: Add any test document / Use case template in folder.

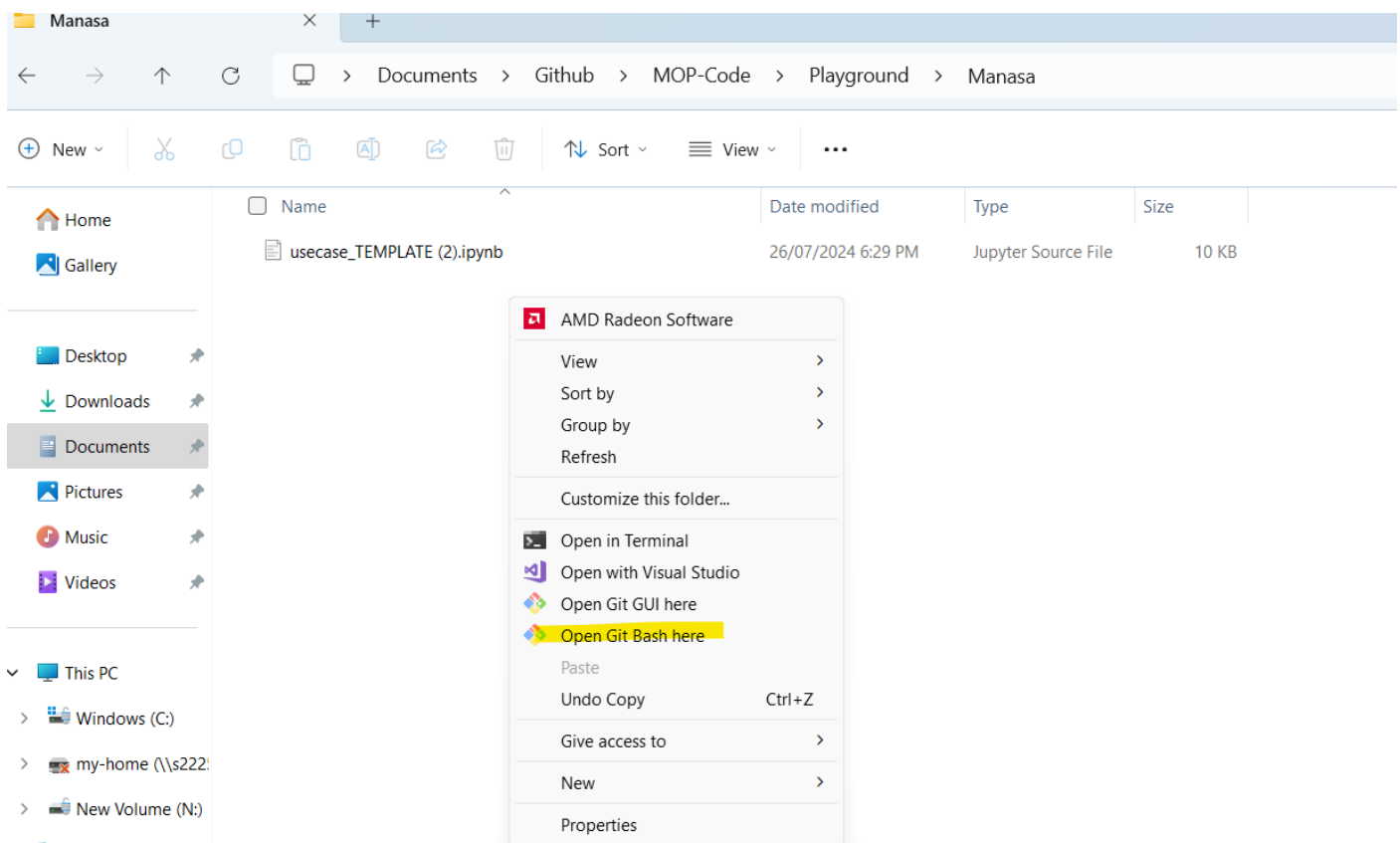
Manasa

Documents > Github > MOP-Code > Playground > Manasa

New | Cut | Copy | Paste | Delete | Sort | View

Name	Date modified	Type	Size
usecase_TEMPLATE (2).ipynb	26/07/2024 6:29 PM	Jupyter Source File	10 KB

Step8: Open git bash from this folder



Now type git status

**git status**

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground/Manasa (Manasa)
$ git status
On branch Manasa
Your branch is up to date with 'origin/Manasa'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   git_command.docx
```

And then type git add . **Note: there should be space after add full stop**

**git add .**

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground/Manasa (Manasa)
$ git add .
```

And now we are committing the changes by giving command git commit -m "give your message"

**git commit -m "adding file"**

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground/Manasa (Manasa)
$ git commit -m "adding file"
[Manasa f8f2b68c] adding file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Playground/Manasa/git_command.docx
```

And Type git push to push your changes.

## git push

```
manasa@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground/Manasa (Manasa)
$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 6 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 11.06 KiB | 5.53 MiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: GitHub found 107 vulnerabilities on Chameleon-company/MOP-Code's default branch (2 critical, 35 high, 64 moderate, 6 low). To find out more, visit:
remote: https://github.com/Chameleon-company/MOP-Code/security/dependabot
remote:
remote: To https://github.com/Chameleon-company/MOP-Code.git
bf034bb0..f8f2b68c Manasa -> Manasa
```

**Step 9 : Now we can check in github in our branch, playground folder there would be folder created with the added documents in our local storage.**

Chameleon-company / MOP-Code

Type to search

<> Code

Issues

Pull requests 5

Actions

Projects

Wiki

Security 409

Insights

MOP-Code

Public

Edit Pins

Watch 4

Manasa

26 Branches

1 Tags

Go to file

t

Add file

<> Code

This branch is 4 commits ahead of, 3 commits behind master.

Contribute

Manasa-n1

Rename usecase\_TEMPLATE (2).ipynb to Urban\_Growth\_and\_Transit...

f95d7c1 · 15 hours ago

3,825 Commits

ETL	Updated ETL task to use SAM template like the webapp	3 years ago
Playground	Rename usecase_TEMPLATE (2).ipynb to Urban_Growth_and_...	15 hours ago
artificial-intelligence	Delete artificial-intelligence/chatbot/chatbot.txt	3 days ago
datascience	T2 2024 Onboarding checklist	last week

Chameleon-company / MOP-Code

Type to search

+ · · ·

<> Code

Issues

Pull requests 5

Actions

Projects

Wiki

Security 409

Insights

Files

Manasa

Go to file

t

ETL

Playground

ARCHIVE

Akintomiwa

LiveabilityAnalysis\_samiha

Manasa

RuofengQIU-T3

venuka

house-prices-by-small-area-sal...

artificial-intelligence

datascience

faq

google\_cloud\_test

MOP-Code / Playground

Add file

...

Manasa-n1

Rename usecase\_TEMPLATE (2).ipynb to Urban\_Growth\_and\_Transit Plannin...

f95d7c1 · 15 hours ago

History

This branch is 4 commits ahead of, 3 commits behind master.

Contribute

Name	Last commit message	Last commit date
..		
ARCHIVE	From T1 2024 to Archived	last week
Akintomiwa	making some corrections	2 months ago
LiveabilityAnalysis_samiha	found dependency	2 months ago
Manasa	Rename usecase_TEMPLATE (2).ipynb to Urban_Growth_and_Transit Plannin...	15 hours ago
RuofengQIU-T3	Delete Playground/RuofengQIU-T3/Ideal_Green_Roof_Locations.ipynb	last week
venuka	Delete Playground/venuka/Tree History.ipynb	last week
house-prices-by-small-area-sale-year.csv	Add files via upload	4 months ago



## Conclusion

In conclusion, this guide provides a step-by-step process for creating a new branch and folder in a GitHub repository using Git Bash on Windows 10. By following these instructions, users can effectively clone repositories, switch between branches, make local changes, and push updates to GitHub. This ensures seamless collaboration and version control for any project.

## Author

Manasa Nagaraja – 2024.v1