Git report

Create workflow/ project manager

- flow
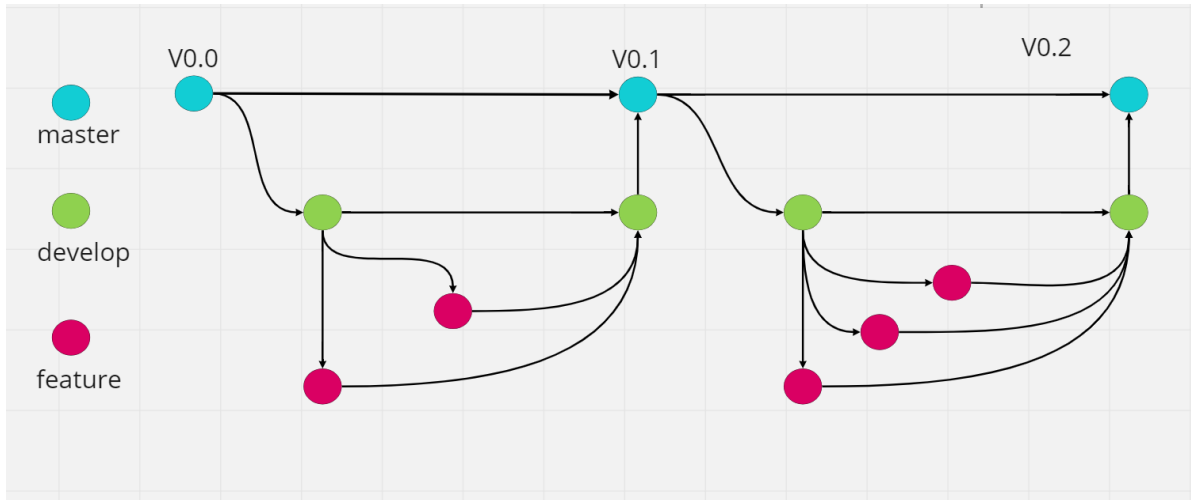
- create project

- initial and create mater branch

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (master)
$ vi readme.txt

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (master)
$ git add readme.txt
warning: LF will be replaced by CRLF in readme.txt.
The file will have its original line endings in your working directory
gi
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (master)
$ git commit -m "initial repo"
[master (root-commit) 50568e5] initial repo
 1 file changed, 1 insertion(+)
 create mode 100644 readme.txt
```

- create develop, features branch

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (master)
$ git branch develop

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (master)
$ git checkout develop
Switched to branch 'develop'

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (develop)
$ git branch feature/001_login

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (develop)
$ git branch feature/002_interface
```

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (develop)
$ git branch
* develop
  feature/001_login
  feature/002_interface
  master
```
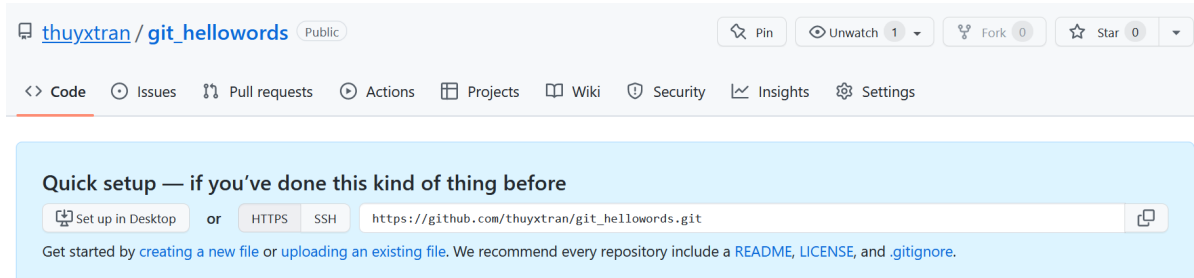
- Config user

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (develop)
$ git config --global user.name "Tran Xuan Thuy"

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (develop)
$ git config --global user.email "Thuyxuantran.26@gmail.com"
```

```
user.name=Tran Xuan Thuy
user.email=Thuyxuantran.26@gmail.com
```
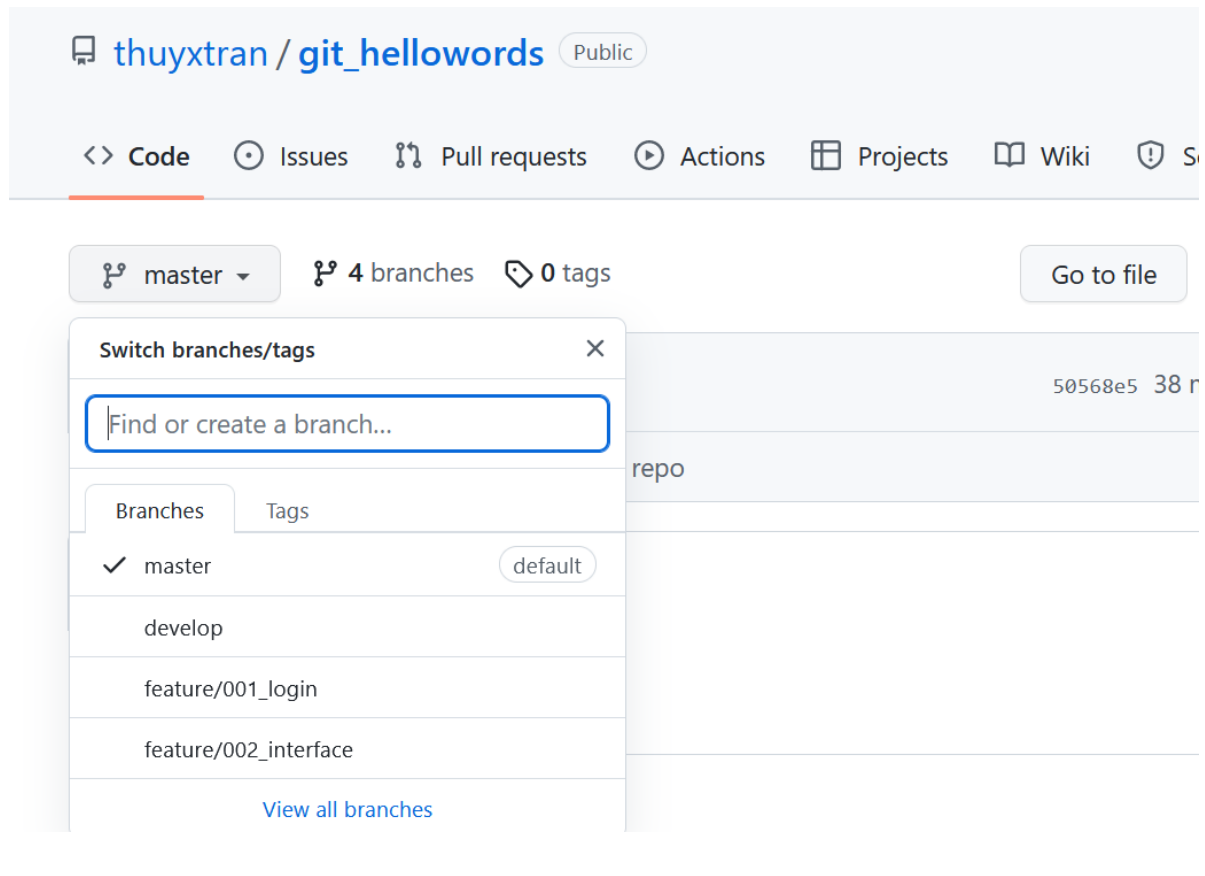
- create repository on github

- connect local to remote

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (develop)
$ git remote add origin https://github.com/thuyxtran/git_hellowords.git
```

- push local branch to remote(upload workflow)

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (feature/002_interface)
$ git checkout feature/001_login
Switched to branch 'feature/001_login'

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial University of HoChiMinh Ci
ty/Desktop/needed/git/git_helloworld (feature/001_login)
$ git push origin feature/001_login
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'feature/001_login' on GitHub by visiting:
remote:      https://github.com/thuyxtran/git_hellowords/pull/new/feature/001_lo
gin
remote:
To https://github.com/thuyxtran/git_hellowords.git
 * [new branch]      feature/001_login -> feature/001_login
```

coder/developer

- Create local directory(as a project)

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ty/Desktop/needed/git
$ mkdir git_helloworld_develop
```

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ty/Desktop/needed/git
$ cd git_helloworld_develop/
```

- Cloning

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ty/Desktop/needed/git/git_helloworld_develop
$ git clone https://github.com/thuyxtran/git_hellowords.gi
t
Cloning into 'git_hellowords'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused
 0
Receiving objects: 100% (3/3), done.
```

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (master)
$ git branch -a
* master
  remotes/origin/HEAD -> origin/master
  remotes/origin/develop
  remotes/origin/feature/001_login
  remotes/origin/feature/002_interface
  remotes/origin/master
```

- coding

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/001_login)
$ vi login001.py
```

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/001_login)
$ git status
On branch feature/001_login
Your branch is up to date with 'origin/feature/001_login'.

Untracked files:
  (use "git add <file>..." to include in what will be comm
itted)
        .config
        log/
        login001.py

nothing added to commit but untracked files present (use "
git add" to track)
```

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/001_login)
$ cd log

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords/log (feature/001_login)
$ dir
key.pb  login002.txt
```

- gitignore

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/001_login)
$ cat .gitignore
.config
log/*
!login002.txt
```

- commit

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/001_login)
$ git status
On branch feature/001_login
Your branch is up to date with 'origin/feature/001_login'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   .gitignore
        new file:   log/login002.txt
        new file:   login001.py
```

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/001_login)
$ git commit -m 'code login feature'
[feature/001_login 2cec44c] code login feature
 3 files changed, 6 insertions(+)
 create mode 100644 .gitignore
 create mode 100644 log/login002.txt
 create mode 100644 login001.py

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
```

- pushing

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/001_login)
$ git push origin
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (6/6), 520 bytes | 520.00 KiB/s, don
e.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/thuyxtran/git_hellowords.git
   50568e5..2cec44c  feature/001_login -> feature/001_logi
n
```

- PR (Pull request)

- project manager

Add more commits by pushing to the `feature/001_login` branch on **thuyxtran/git_hellowords**.

Continuous integration has not been set up
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

✓ **This branch has no conflicts with the base branch**
Merging can be performed automatically.

Merge pull request ▾ You can also open this in GitHub Desktop or view command line instructions.

This branch is 2 commits ahead of master. ⇅ Contribute ▾

thuyxtran Merge pull request #1 from thuyxtran/feature/001_login ...   67174a2 in 24 seconds ⟳ **3 commits**

📁 log	code login feature	8 minutes ago
📄 .gitignore	code login feature	8 minutes ago
📄 login001.py	code login feature	8 minutes ago
📄 readme.txt	initial repo	8 hours ago

readme.txt ✎

    this is our project

- the same too feature/002/interface
  - stash

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/002_interface)
$ git checkout feature/001_login
error: Your local changes to the following files would be
overwritten by checkout:
        .gitignore
Please commit your changes or stash them before you switch
 branches.
Aborting

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/002_interface)
$ git stash save
Saved working directory and index state WIP on 002_interfa
ce: 50568e5 initial repo
```

```
Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/002_interface)
$ git stash list
stash@{0}: WIP on 002_interface: 50568e5 initial repo

Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
ersity of HoChiMinh City/Desktop/needed/git/git_helloworld
_develop/git_hellowords (feature/002_interface)
$ git stash apply
On branch feature/002_interface
Your branch is up to date with 'origin/feature/002_interfa
ce'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   .config
        new file:   .gitignore
        new file:   interface001.py
        new file:   log/interface002.R


Admin@DESKTOP-KGE7TQ7 MINGW64 ~/OneDrive - Industrial Univ
```

⑂ **feature/002_interface** had recent pushes 1 minute ago   [**Compare & pull request**]

⑂ feature/002_in... ▾   ⑂ **4 branches**   ⬙ **0 tags**   [Go to file] [Add file ▾] [**Code** ▾]

This branch is **1 commit ahead** of master.   ⑂ Contribute ▾

🟩 **thuyxtran** interface feature   `3c054bf` 1 minute ago   🕒 **2 commits**

📁 log	interface feature	1 minute ago
📄 .gitignore	interface feature	1 minute ago
📄 interface001.py	interface feature	1 minute ago
📄 readme.txt	initial repo	9 hours ago

- conflict resolving and merge PR

This branch is **6 commits ahead** of master.   ⑂ Contribute ▾   👁 1   ⑂ 0

🟩 **thuyxtran** Merge pull request **#2** from thuyxtran/feature/002_interface ...   `dc59690` 3 minutes ago   🕒 **7 commits**

Merge pull request #2 from thuyxtran/feature/002_interface

`Feature/002 interface`

Rele

No rel
Create

📁 log	code login feature	2 hours ago
📄 .gitignore	Merge branch 'develop' into feature/002_interface	5 minutes ago
📄 interface005.txt	add interface 005	26 minutes ago
📄 interface_002.py	update	1 hour ago
📄 login001.py	code login feature	2 hours ago
📄 readme.txt	initial repo	11 hours ago

Pack

No pa
Publish

readme.txt   ✎

```
this is our project
```