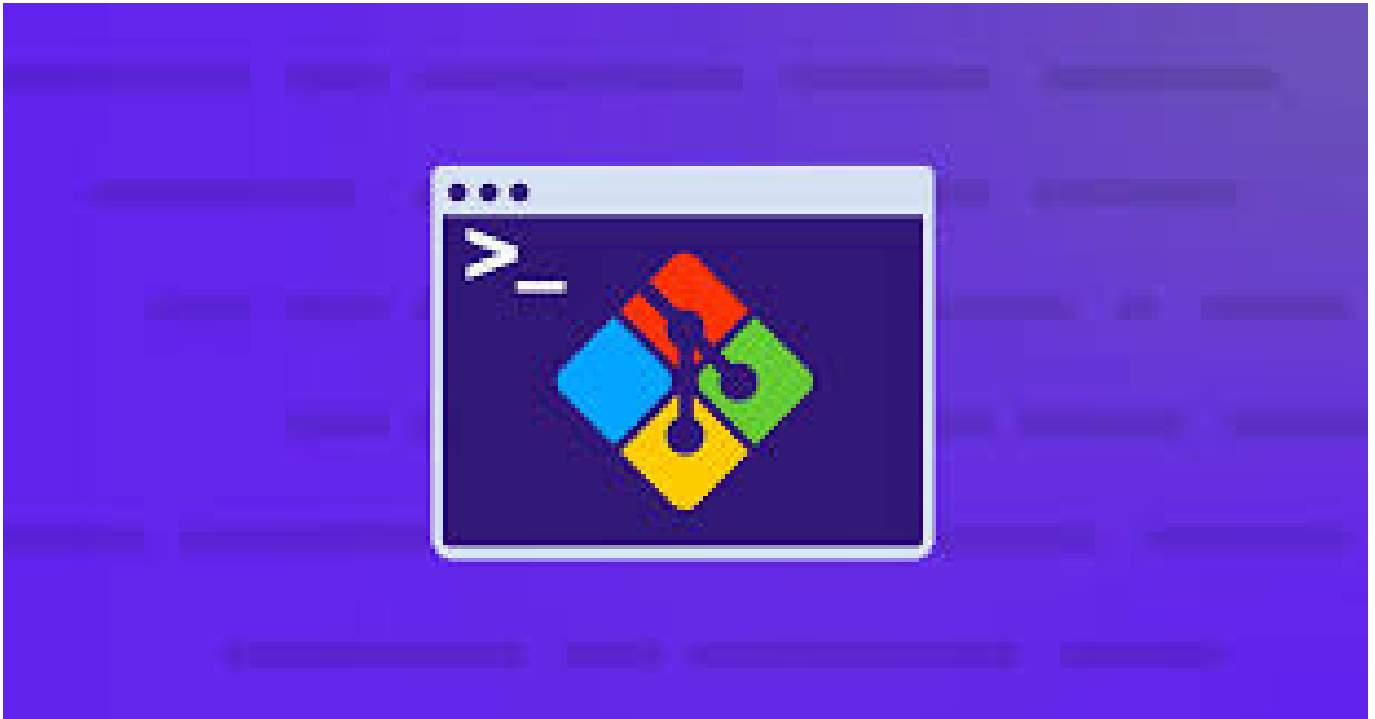# Group Activity 01

SCS 2208 - Rapid Application Development

Prepared by:

Group 39

Activity 01

- Create a repository providing any name
- Create branches individually.
- Create an HTML page "About me" (no need to use styles or dynamic)
- Merge all the branches together.

1.Creating a repository named *"group39"*

Repository is created successfully.

- **Adding collaborators**
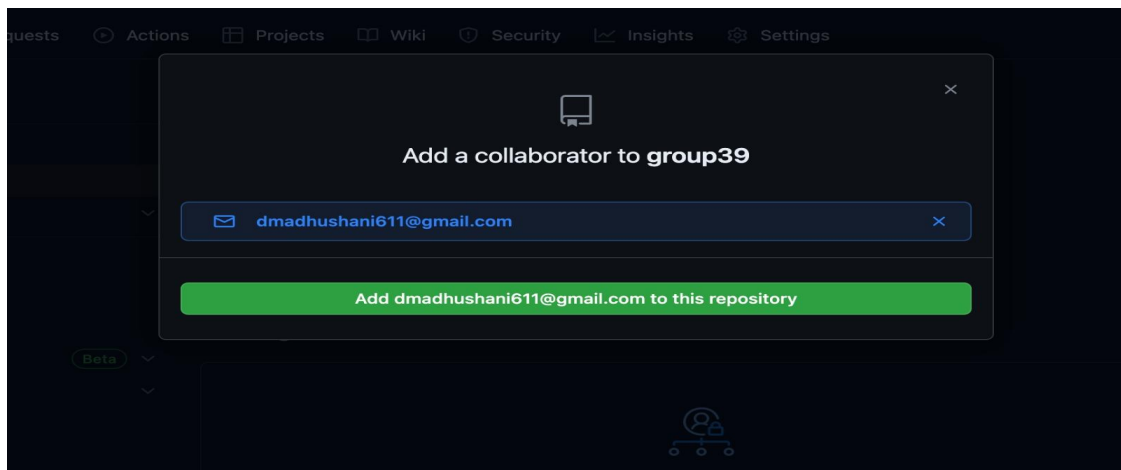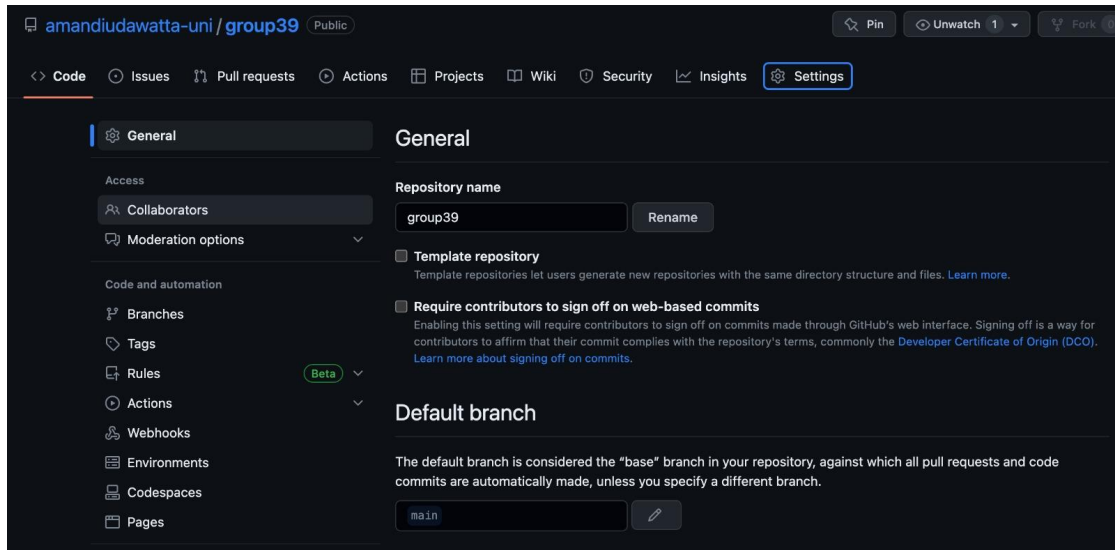
- **A request was sent to the collaborators through an email and they have got the following pop up message asking whether to accept or decline the request**

- Once the collaborators accept the request they can get the URL of the clone which is used to clone the repository into the local machines.

- **Command to clone the repository into the machines**

MINGW64:/c/Users/Dilini Udawaththa/group39

```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~
$ git clone http://github.com/amandiudawatta-uni/group39
Cloning into 'group39'...
warning: redirecting to https://github.com/amandiudawatta-uni/group39/
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
```

- **Commands to go to the repository and initialize it.**
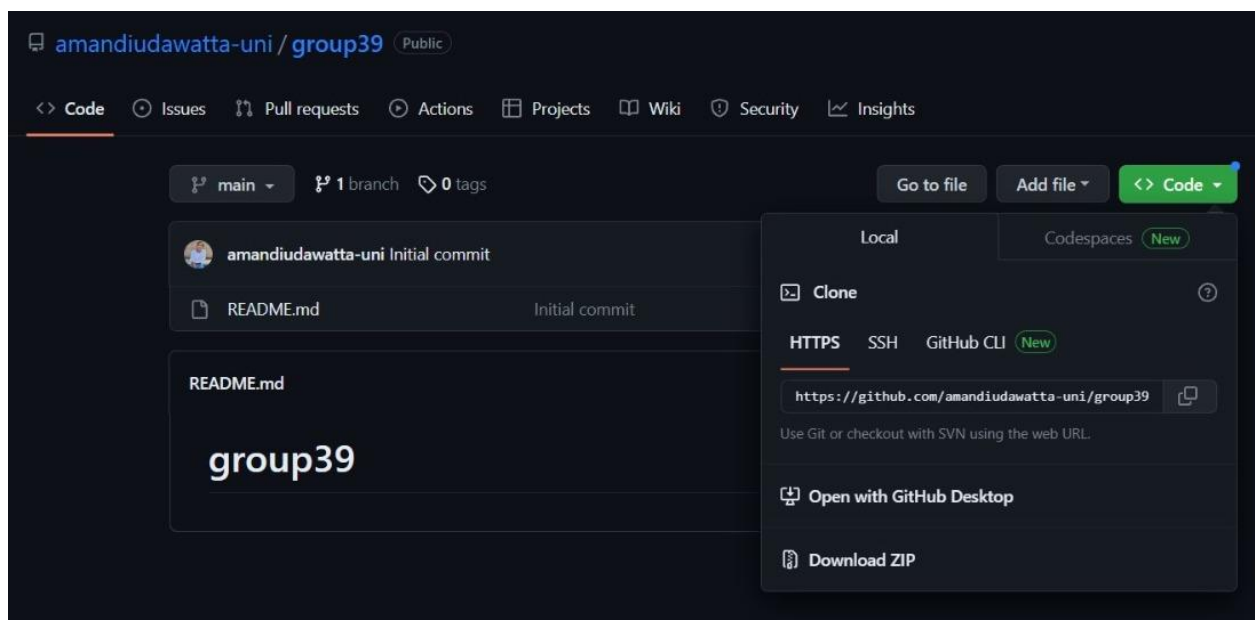
```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~
$ cd group39

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git init
Reinitialized existing Git repository in C:/Users/Dilini Udawaththa/group39/.git/
```

2.Creating branches and go to the branches

```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git branch dilini

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git checkout dilini
Switched to branch 'dilini'
```

```
wolfie@Amandis-MacBook-Air group39 % git branch amandi
wolfie@Amandis-MacBook-Air group39 % git checkout amandi
Switched to branch 'amandi'
```

```
janit@KD-Thenu MINGW64 ~/group39 (main)
$ git branch janith

janit@KD-Thenu MINGW64 ~/group39 (main)
$ git checkout janith
Switched to branch 'janith'
```
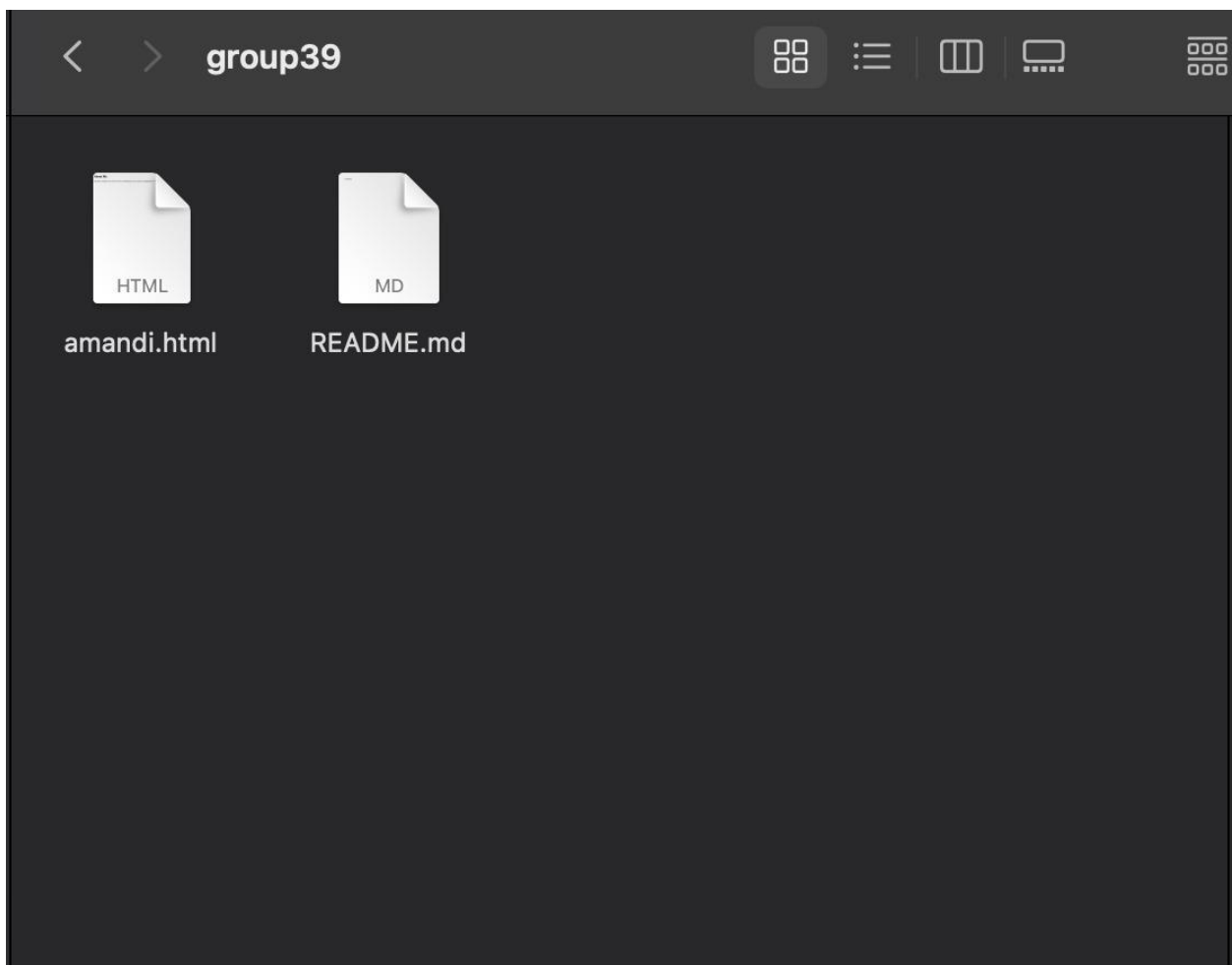
```
C:\Users\User\group39>git branch tharika

C:\Users\User\group39>git checkout tharika
Switched to branch 'tharika'
```

```
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (main)
$ git branch Kasun

ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (main)
$ git checkout Kasun
Switched to branch 'Kasun'
```

3. Then we created <name>.html file inside the group39 folder manually.

- Then we added them to the branches we created and committed as
  follows.

```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (dilini)
$ git add dilini.html

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (dilini)
$ git commit -m "Dilini done"
[dilini d1b5729] Dilini done
 1 file changed, 12 insertions(+)
 create mode 100644 dilini.html
```

```
wolfie@Amandis-MacBook-Air group39 % git add .
wolfie@Amandis-MacBook-Air group39 % git commit -m "amandi done"
[amandi 3439142] amandi done
1 file changed, 12 insertions(+)
create mode 100644 amandi.html
```

```
janit@KD-Thenu MINGW64 ~/group39 (janith)
$ git add janith.html

janit@KD-Thenu MINGW64 ~/group39 (janith)
$ git commit -m "Janith done"
[janith 922ce4f] Janith done
 1 file changed, 12 insertions(+)
 create mode 100644 janith.html
```

```
C:\Users\User\group39>git add tharika.html

C:\Users\User\group39>git commit -m "tharika done"
[tharika 89ff2b8] tharika done
 1 file changed, 12 insertions(+)
 create mode 100644 tharika.html
```

```
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (Kasun)
$ git add kasun.html

ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (Kasun)
$ git commit -m "Kasun done"
[Kasun c6e3d76] Kasun done
 1 file changed, 12 insertions(+)
 create mode 100644 kasun.html
```

4. Merge all the created branches into the main branch.

```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (dilini)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git merge dilini -m "Dilini done"
Updating e7f8328..d1b5729
Fast-forward (no commit created; -m option ignored)
 dilini.html | 12 ++++++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 dilini.html
```

```
wolfie@Amandis-MacBook-Air group39 % git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
wolfie@Amandis-MacBook-Air group39 % git merge amandi -m "amandi done"
Updating e7f8328..3439142
Fast-forward (no commit created; -m option ignored)
 amandi.html | 12 ++++++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 amandi.html
```

```
janit@KD-Thenu MINGW64 ~/group39 (janith)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

janit@KD-Thenu MINGW64 ~/group39 (main)
$ git merge janith -m "Janith done"
Updating e7f8328..922ce4f
Fast-forward (no commit created; -m option ignored)
 janith.html | 12 ++++++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 janith.html
```

```
C:\Users\User\group39>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

C:\Users\User\group39>git merge tharika -m "tharika done"
Updating e7f8328..89ff2b8
Fast-forward (no commit created; -m option ignored)
 tharika.html | 12 ++++++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 tharika.html
```

```
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (main)
$ git merge kasun -m "Kasun done"
Updating e7f8328..c6e3d76
Fast-forward (no commit created; -m option ignored)
 kasun.html | 12 ++++++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 kasun.html
```

- Then we push our branches into the repository as follows.

```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git push origin dilini
info: please complete authentication in your browser...
warning: redirecting to https://github.com/amandiudawatta-uni/group39/
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 440 bytes | 220.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'dilini' on GitHub by visiting:
remote:      https://github.com/amandiudawatta-uni/group39/pull/new/dilini
remote:
To http://github.com/amandiudawatta-uni/group39
 * [new branch]      dilini -> dilini
```

```
wolfie@Amandis-MacBook-Air group39 % git push origin amandi
The authenticity of host 'github.com (20.205.243.166)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvvV6TuJJhbpZisF/zLDA0zPMSvHdkr4UvCOqU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 424 bytes | 424.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'amandi' on GitHub by visiting:
remote:      https://github.com/amandiudawatta-uni/group39/pull/new/amandi
remote:
To github.com:amandiudawatta-uni/group39.git
 * [new branch]      amandi -> amandi
```

```
janit@KD-Thenu MINGW64 ~/group39 (main)
$ git push origin janith
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 438 bytes | 438.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'janith' on GitHub by visiting:
remote:        https://github.com/amandiudawatta-uni/group39/pull/new/janith
remote:
To https://github.com/amandiudawatta-uni/group39
 * [new branch]       janith -> janith
```

```
C:\Users\User\group39>git push origin tharika
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 437 bytes | 437.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'tharika' on GitHub by visiting:
remote:        https://github.com/amandiudawatta-uni/group39/pull/new/tharika
remote:
To https://github.com/amandiudawatta-uni/group39.git
 * [new branch]       tharika -> tharika

C:\Users\User\group39>
```

```
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (main)
$ git push origin Kasun
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 436 bytes | 436.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/amandiudawatta-uni/group39
   e7f8328..c6e3d76  Kasun -> Kasun
```
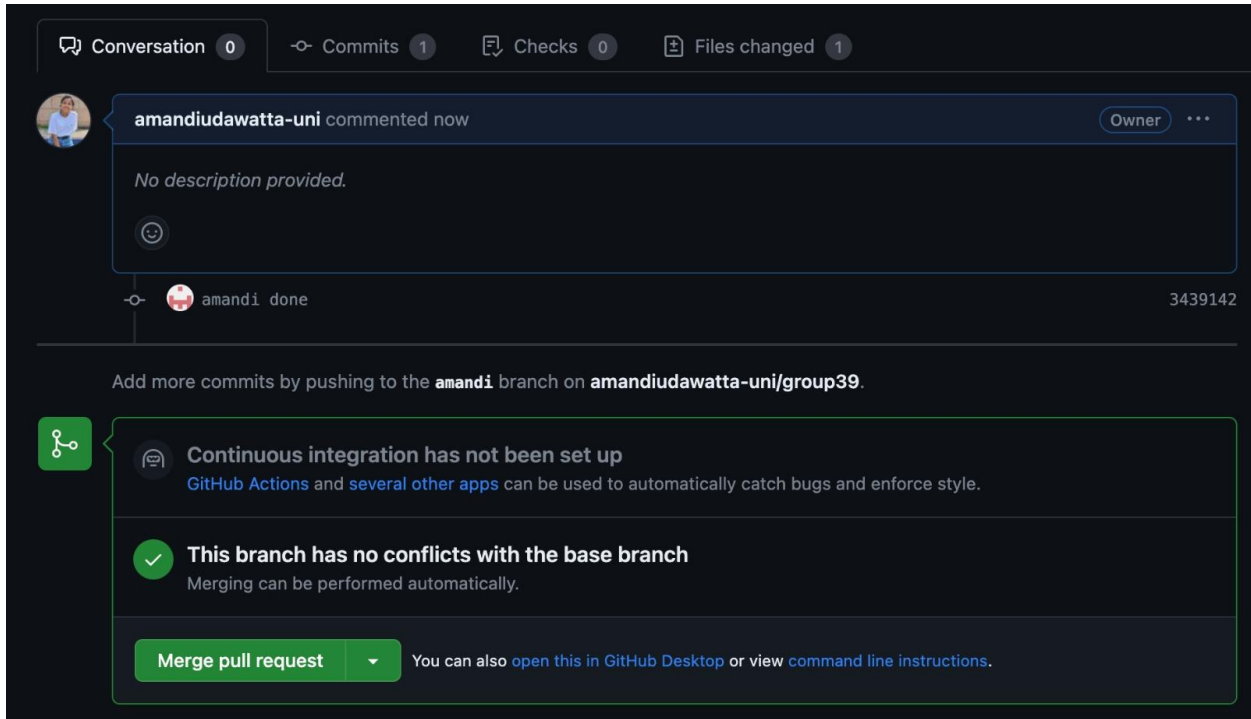
5. All the branches showing up in the repository after all the group members push their branches into it.
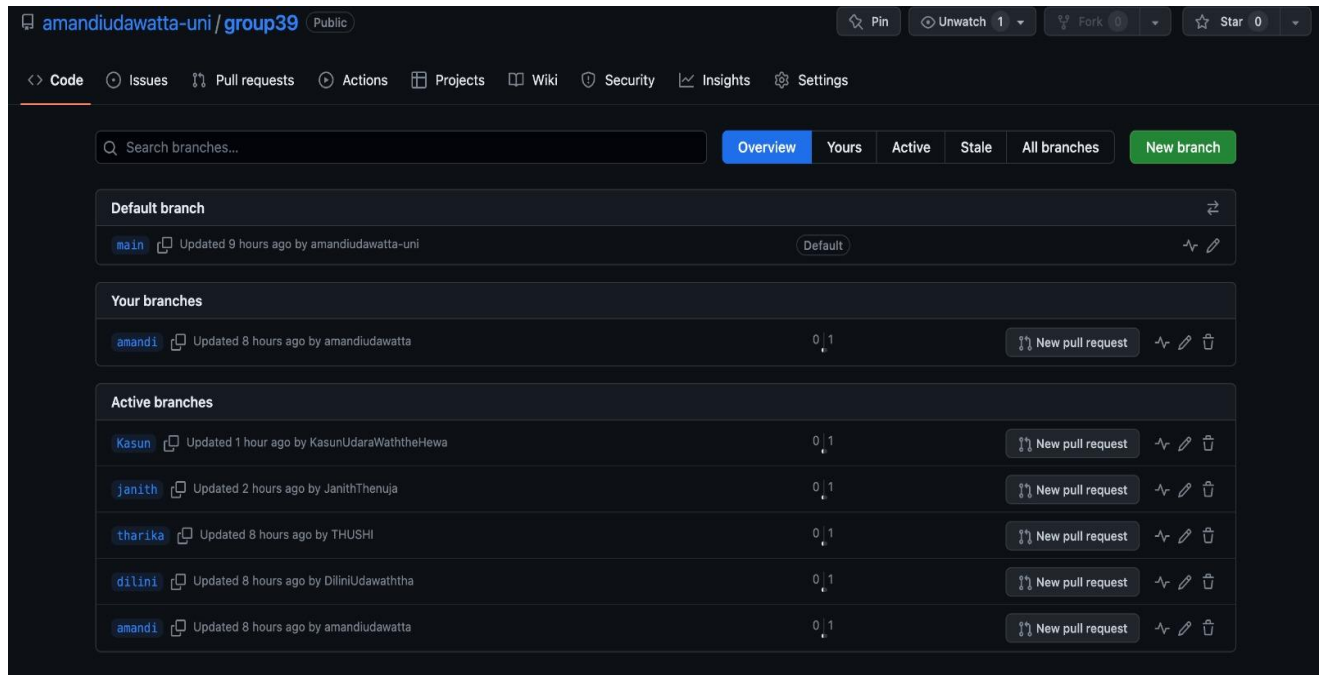
6. Go to a branch and open pull request.
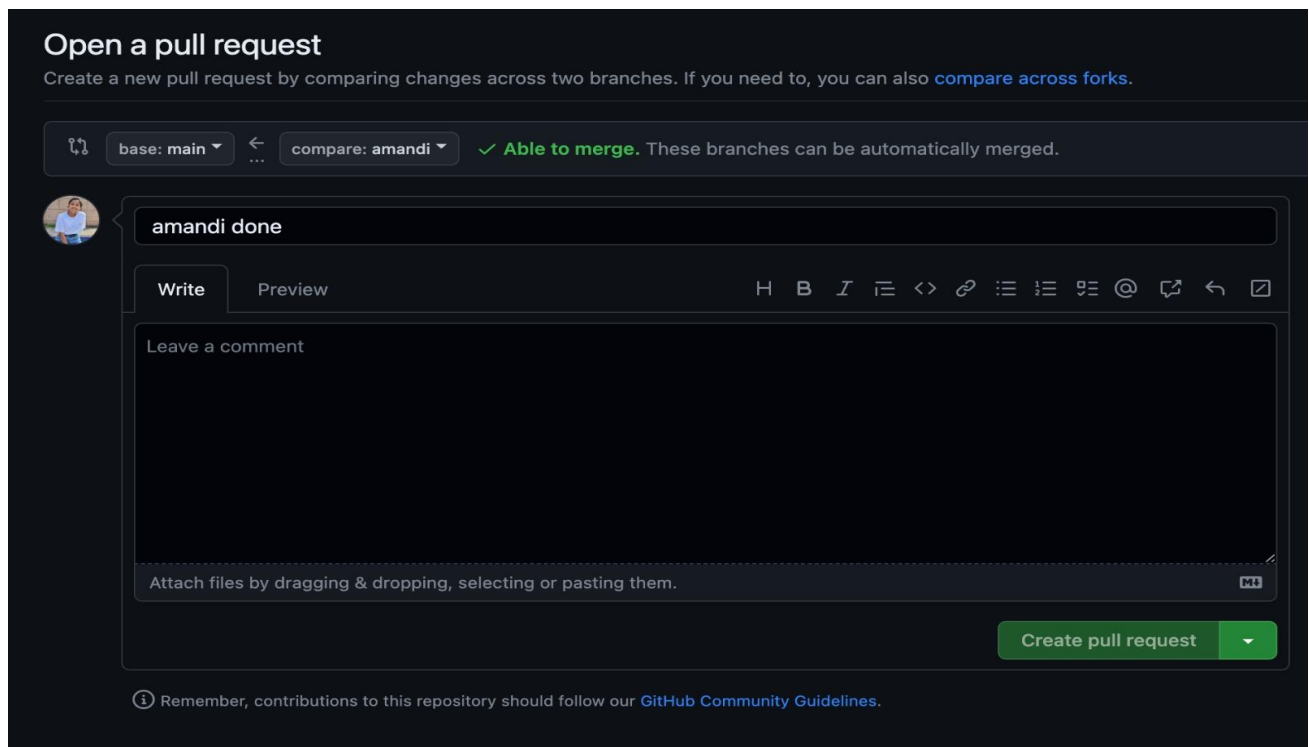
7. After the confirmation of the repository that the current branch has no conflicts with the branch base, merge pull request.

- Then confirm merge

- Now all the branches are merged.

Janith done #4

⑂ **Merged** amandiudawatta... merged 1 commit into `main` from `janith` ⧉ now

💬 Conversation **0** •—○ Commits **1** ☰ Checks **0** ⊞ Files changed **1**

amandiudawatta-uni commented now   (Owner) •••

No description provided.

☺

○— Ⓗ Janith done   922ce4f

⑂ 👤 **amandiudawatta-uni** merged commit **dbc8fc6** into `main` now   Revert

⑂ **Pull request successfully merged and closed**   Delete branch
You're all set—the `janith` branch can be safely deleted.

---

tharika done #5

⑂ **Merged** amandiudawatta... merged 1 commit into `main` from `tharika` ⧉ now

💬 Conversation **0** •—○ Commits **1** ☰ Checks **0** ⊞ Files changed **1**

amandiudawatta-uni commented now   (Owner) •••

No description provided.

☺

○— tharika done   89ff2b8

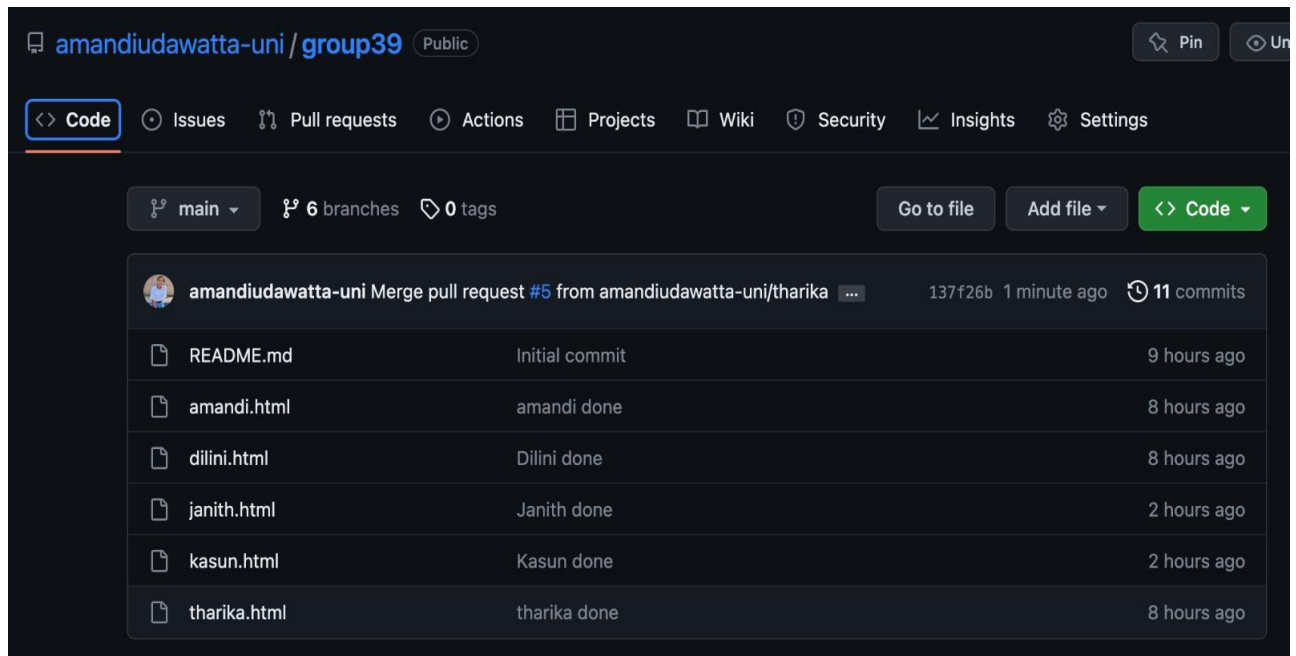⑂ 👤 **amandiudawatta-uni** merged commit **137f26b** into `main` now   Revert

⑂ **Pull request successfully merged and closed**   Delete branch
You're all set—the `tharika` branch can be safely deleted.

8. Final out come (Five merged branches in the main branch)

Index No	Name	Email
21001952	K D J Thenuja	janith.thenuja@gmail.com
21001962	U Tharika Thushani	tharikathushani212@gmail.com
21001987	W K H Udara	kasunu2001@gmail.com
21001995	S H D Madhushani Udawaththa	dmadhushani611@gmail.com
21002002	U K H Amandi Udawatta	2021cs200@stu.ucsc.cmb.ac.lk