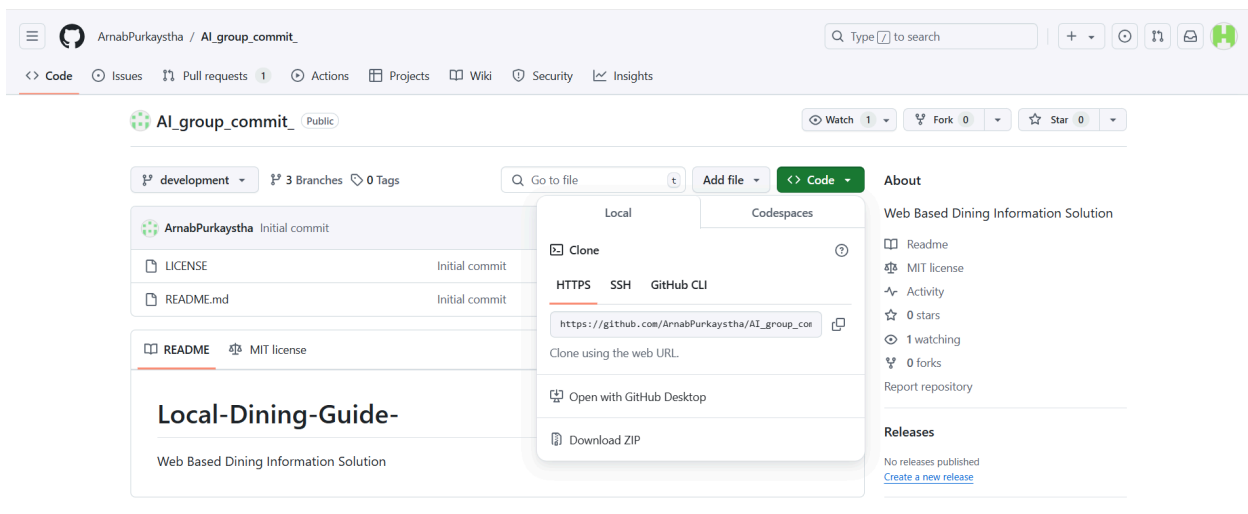


Here at first I have got a notification to become a collaborator in this project. Then from the notification I clicked on it and accepted the invitation for becoming a collaborator in this project.



Then I went to the repository and from the top right I opened the code section and from there I clicked on the SSH and copied the SSH Key . I will use this SSH key to connect with the remote repository from my local repository.

```

MINGW64/c/Users/BJIT/Documents/Github_project/AI_group_commit_
$ ssh -T git@github.com
Hi sakibulislam9! You've successfully authenticated, but GitHub does not provide
shell access.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project
$ git clone https://github.com/ArnabPurkaystha/AI_group_commit_.git
Cloning into 'AI_group_commit_'...
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 7 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (7/7), done.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project
$ cd AI_group_commit_

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_commit_ (develo
pment)
$ git branch first_feature

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_commit_ (develo
pment)
$ git branch
* development
  first_feature

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_commit_ (develo
pment)
$ git checkout first_feature
Switched to branch 'first_feature'

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_commit_ (first_
feature)
$ git status
On branch first_feature
nothing to commit, working tree clean

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_commit_ (first_
feature)
$ ls
LICENSE  README.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_commit_ (first_
feature)
$ |

```

Here at first I have tried to check whether I am properly connected to my github account or not . The output is showing that I am properly connected to my github and it is also showing my github account name. Then by using the SSH key I have cloned the remote repo to my local repository. Then I navigated into the project repo and checked whether there was any untracked file . Then I listed the files and directories.

```
MINGW64:/c/Users/BJIT/Documents/Github_project/AI_group_commit_

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_
feature)
$ ls
LICENSE  README.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_
feature)
$ git status
On branch first_feature
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working dire
      modified:   README.md

Untracked files:
  (use "git add <file>..." to include in what will be committed)
      banner.jpg
      logo.jpg

no changes added to commit (use "git add" and/or "git commit -a")

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_
$ git add .

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_
$ git status
On branch first_feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
      modified:   README.md
      new file:   banner.jpg
      new file:   logo.jpg

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_
$ git status
On branch first_feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
      modified:   README.md
      new file:   banner.jpg
      new file:   logo.jpg
```

Then I have worked on the Readme file and also added two pics for the logo and banner. By using status I've checked there are untracked files and there were two pics and the readme file untracked . Then I added those files in the staging area and checked whether they were staged or not .

```
MINGW64:/c/Users/BJIT/Documents/Github_project/AI_group_commit_
BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git status
On branch first_feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   README.md
    new file:   banner.jpg
    new file:   logo.jpg

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working director
    modified:   README.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git status
On branch first_feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   README.md
    new file:   banner.jpg
    new file:   logo.jpg

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git commit -m "docs(README): Added First Task Refs.#1234"
[first_feature 02ec62e] docs(README): Added First Task Refs.#1234
 3 files changed, 22 insertions(+)
 create mode 100644 banner.jpg
 create mode 100644 logo.jpg

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git log --oneline
02ec62e (HEAD -> first_feature) docs(README): Added First Task Refs.
4f9bcdd (origin/main, origin/development, origin/HEAD, development) I

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git checkout development
Switched to branch 'development'
```

I again worked on the readme file and reshaped the images of the logo and banner. Then staged those files again. Then I have committed the files and folders as Added Task commit with a reference . I used the git log –online command to get the SHA id of the first commit so that later I can use it to cherry pick the update.

```
MINGW64:/c/Users/BJIT/Documents/Github_project/AI_group_commit_
BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm ^
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git pull origin development
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (1/1), 929 bytes | 309.00 KiB/s, done.
From https://github.com/ArnabPurkaystha/AI_group_commit_
 * branch                development -> FETCH_HEAD
   4f9bcdd..85dd762      development -> origin/development
Updating 4f9bcdd..85dd762
Fast-forward
 README.md | 5 ++++
 1 file changed, 4 insertions(+), 1 deletion(-)

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git checkout -b Task1
Switched to a new branch 'Task1'

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git cherry-pick 02ec62e
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply 02ec62e... docs(README): Added First Task Ref
hint: After resolving the conflicts, mark them with
hint: "git add/rm <paths>", then run
hint: "git cherry-pick --continue".
hint: You can instead skip this commit with "git cherry-pick --skip".
hint: To abort and get back to the state before "git cherry-pick",
hint: run "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git checkout development
README.md: needs merge
error: you need to resolve your current index first

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git cherry-pick --continue
U      README.md
```

Then I checkout to the development branch again and use pull origin to update the development branch again with the latest update of the remote repository. And then I created a new branch named Task1. Here there is already a copy of the development

branch. After that I tried to cherry pick the commit from the first_feature branch and here I faced some conflicts then I solved the conflicts from the readme file and updated it. Then I used the continue command to continue my cherry picking.

```
MINGW64/c/Users/BJIT/Documents/Github_project/AI_group_commit_
$ git cherry-pick --continue
U      README.md
error: Committing is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git status
On branch Task1
You are currently cherry-picking commit 02ec62e.
  (fix conflicts and run "git cherry-pick --continue")
  (use "git cherry-pick --skip" to skip this patch)
  (use "git cherry-pick --abort" to cancel the cherry-pick operation)

Changes to be committed:
  new file:   banner.jpg
  new file:   logo.jpg

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   README.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git add .

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git commit -m "docs(README): Added First Task  Refs.#1234"
[Task1 20e568c] docs(README): Added First Task  Refs.#1234
Date: Mon Nov 25 14:12:15 2024 +0600
3 files changed, 22 insertions(+), 1 deletion(-)
create mode 100644 banner.jpg
create mode 100644 logo.jpg


BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Github_project/AI_group_comm
$ git push -u origin Task1
info: please complete authentication in your browser...
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 628.89 KiB | 21.69 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
```

But as the readme file was not up to date in the staging area as I recently updated it . It showed another conflict . Then I added the readme to the staging area again and again and created another commit to merge the updated readme with the updated development and it was successful . After this commit then I pushed my changes to the remote repository and set the upstream branch and It was successful.

The screenshot shows a GitHub Pull Request (PR) interface. At the top, the title is "docs(README): Added First Task Refs.#1234 #2" with buttons for "Edit" and "Code". Below the title, a green "Open" button is next to the text "sakibulislam9 wants to merge 1 commit into develop from Task1". A progress bar shows "22 -1" files changed. The main content area shows a commit message "Added The First Task Of The Project" by "sakibulislam9". Below this, a message states "docs(README): Added First Task Refs.#1234" with a commit hash "20e568c". A comment from "sakibulislam9" requests a review from "ArnabPurkayastha". On the right, the "Reviewers" section shows "ArnabPurkayastha" with a status of "At least 1 approving review is required to merge this pull request." and a button to "Convert to draft". The "Assignees" section shows "No one—assign yourself". The "Labels" section shows "None yet". The "Projects" section shows "None yet". The "Milestone" section shows "No milestone". The "Development" section shows "Successfully merging this pull request may close these". At the bottom, a "Review required" message states "At least 1 approving review is required by reviewers with write access." and a "Merging is blocked" message states "Merging can be performed automatically with 1 approving review.".

Then Went to my GitHub repository: I opened my web browser and navigated to the GitHub page for my repository. Created a Pull Request: Since I pushed my changes to a feature branch (Task 1), I clicked on the "Compare & pull request" button that GitHub prompted me with. I provided a description of the changes I made.

Added my team leader, Arnab Purkhayastha, as the reviewer for the pull request to ensure the changes were thoroughly reviewed. He Reviewed the Changes and merged the commit.





sakibulislam9 commented 42 minutes ago

Collaborator

...


Added The First Task Of The Project








docs(README): Added First Task Refs.#1234

20e568c



 sakibulislam9 requested a review from ArnabPurkaystha 42 minutes ago



 ArnabPurkaystha approved these changes 38 minutes ago


View reviewed changes


ArnabPurkaystha left a comment


Owner

...


its ok






 ArnabPurkaystha merged commit 56cb4f1 into development 38 minutes ago

Revert



 ArnabPurkaystha deleted the Task1 branch 37 minutes ago

Restore branch