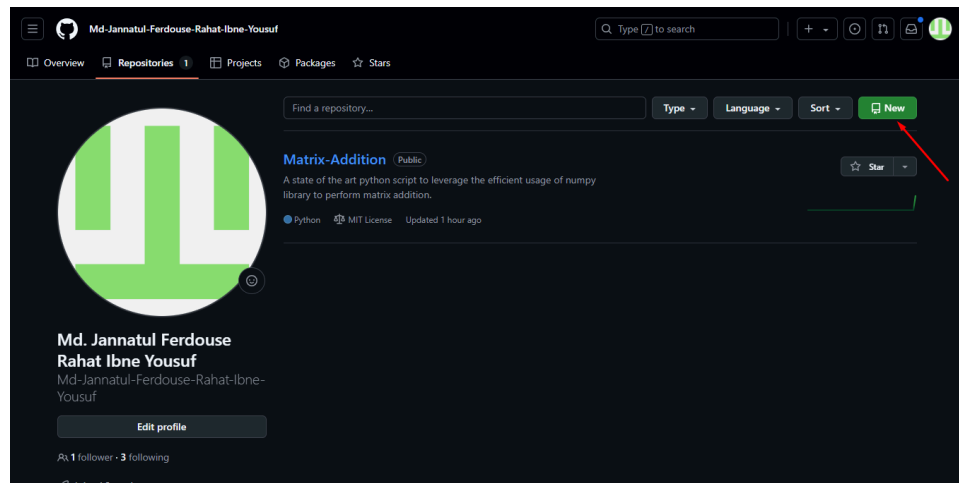


## Creating a new repository:



## Providing Information:

**Create a new repository**

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

*Required fields are marked with an asterisk (\*).*

**Owner \*** Md. Jannatul-Ferdouse-Rahat-Ibne-Yousuf / **Repository name \*** Team-Unauthorized  
Team-Unauthorized is available.

Great repository names are short and memorable. Need inspiration? How about [jubilant-fishstick](#) ?

**Description** (optional)

☒ **Public**  
Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**  
You choose who can see and commit to this repository.

**Initialize this repository with:**

☒ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

**Add .gitignore**  
.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

**Choose a license**  
License: MIT License

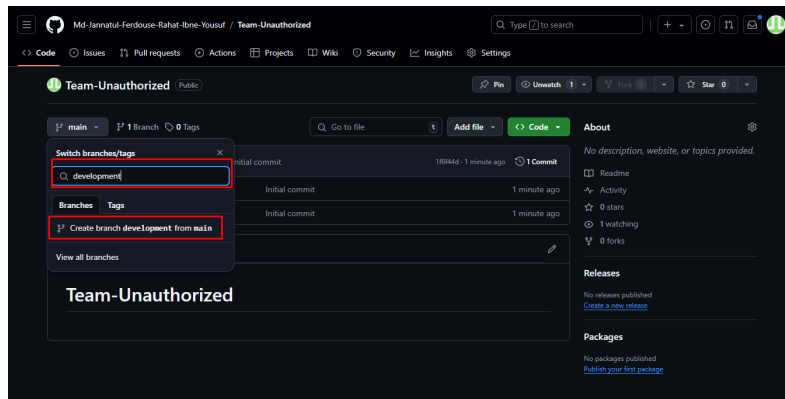
A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

This will set `main` as the default branch. Change the default name in your [settings](#).

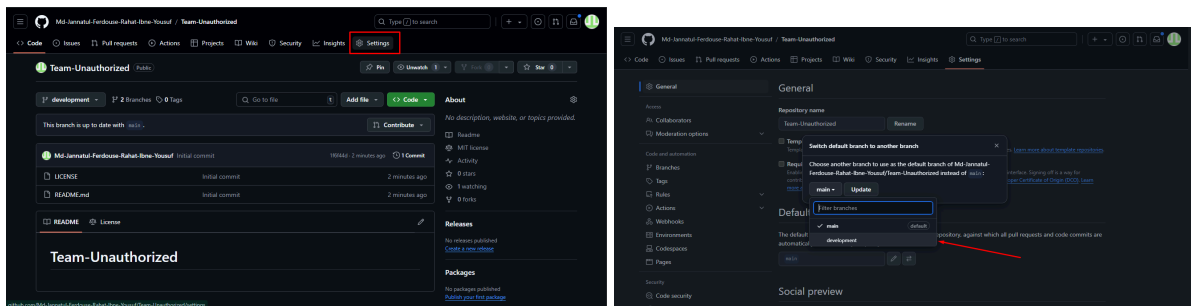
🔔 You are creating a public repository in your personal account.

**Create repository**

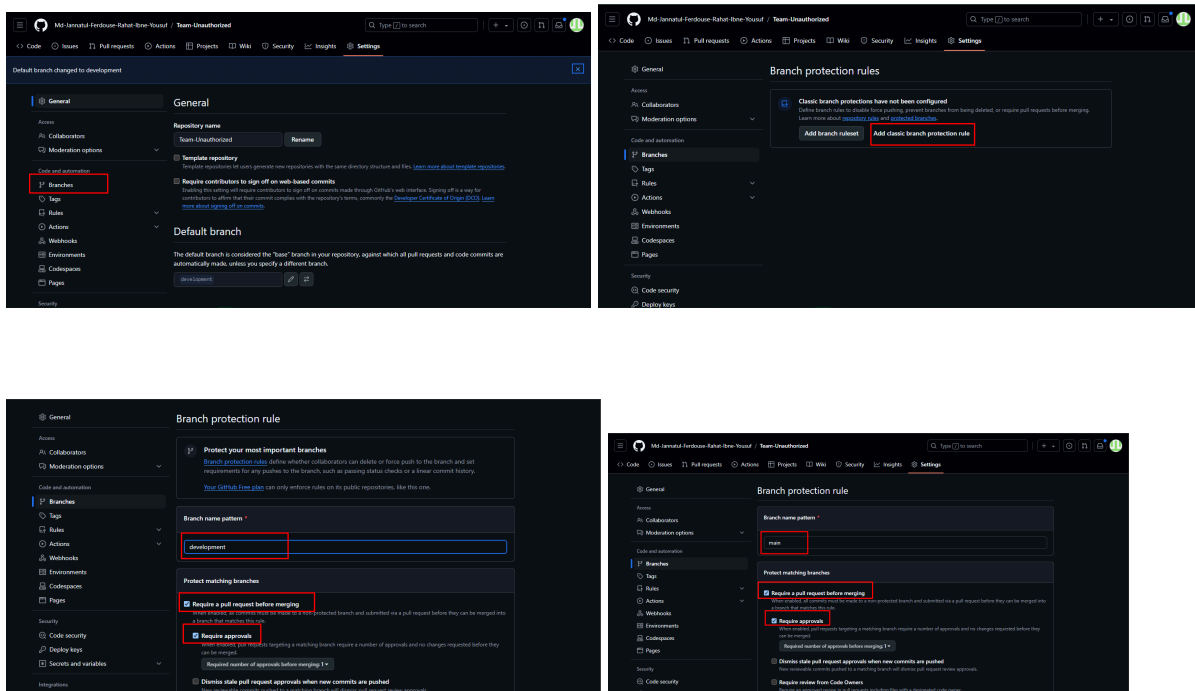
## Creating “development” branch:

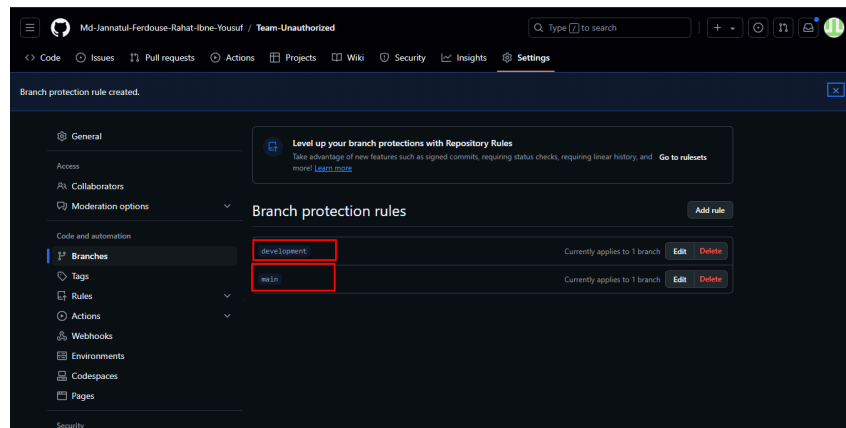


## Making “development” branch as default:

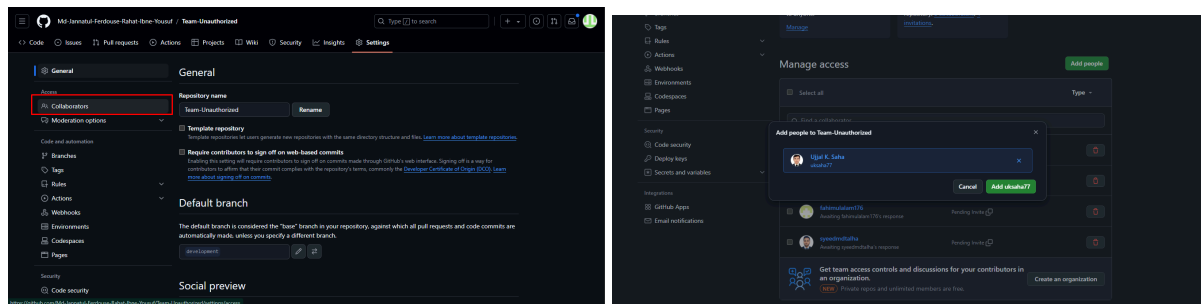


## Providing Branch Rules:





## Adding Collaborators:



## Cross-checking Local Git user and ssh activation

```

MINGW64:/e/Common Technical Sessions/Git Exam
$ git config user.name
Md. Jannatul Ferdouse Rahat Ibne Yousuf

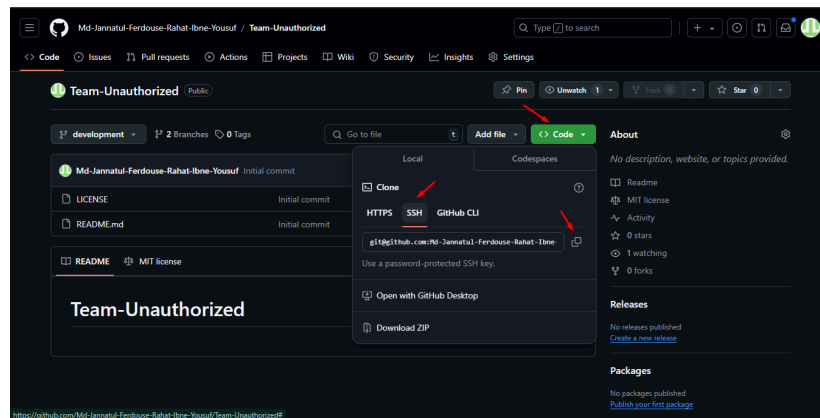
MINGW64:/e/Common Technical Sessions/Git Exam
$ git config user.email
jannatul.ferdous@bjitacademy.com

MINGW64:/e/Common Technical Sessions/Git Exam
$ ssh -T git@github.com
Hi Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf! You've successfully authenticated, but GitHub does not provide shell access.

MINGW64:/e/Common Technical Sessions/Git Exam
$

```

## Copying remote link with ssh approach



## Cloning remote repository:

```
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam
$ git clone git@github.com:Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf:Team-Unauthoriz
ed.git
Cloning into 'Team-Unauthorized'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.
```

## Looking at the new folder and its files:

```
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam
$ ls
Team-Unauthorized/

BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam
$ cd Team-Unauthorized/

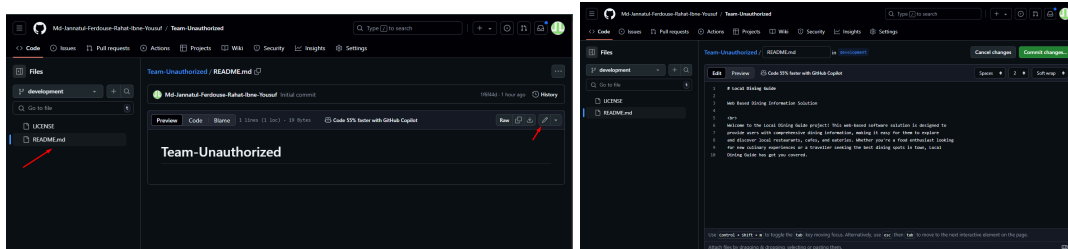
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (development)
$ ls
LICENSE  README.md

BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (development)
$ |
```

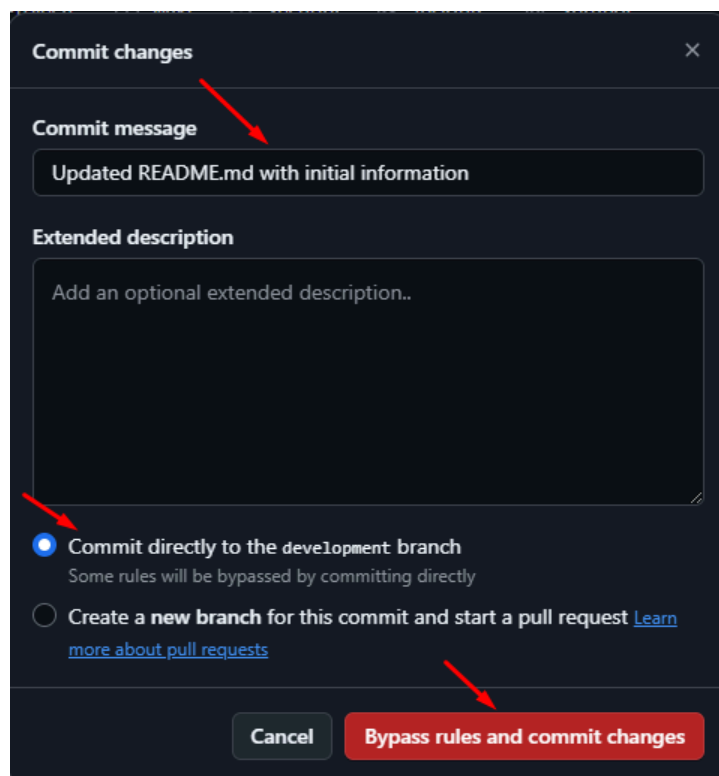
## Checking the local and remote branches:

```
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (development)
$ git branch -a
* development
remotes/origin/HEAD -> origin/development
remotes/origin/development
remotes/origin/main
```

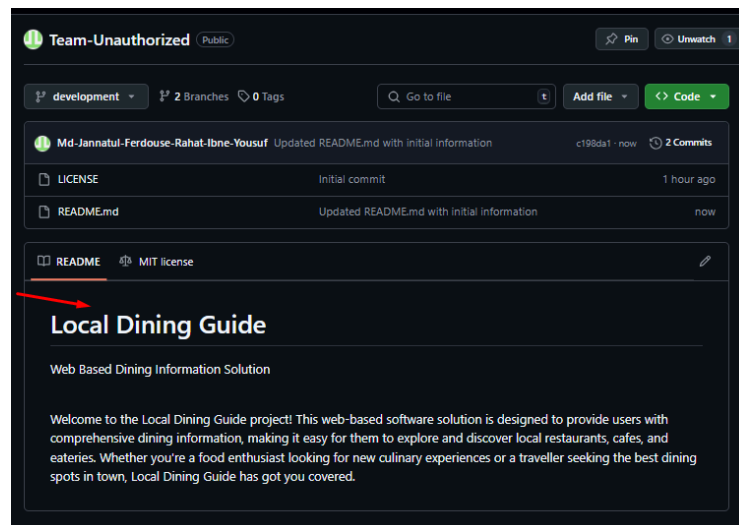
## Update README from Github:



## Commit by Bypassing the Rules:



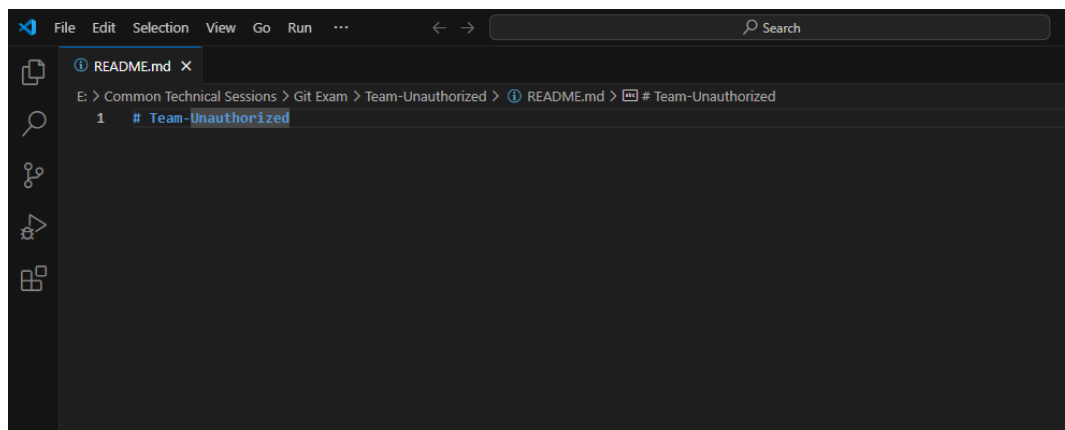
## README file updated (initial):



## Creating a new branch for the task and open the README:

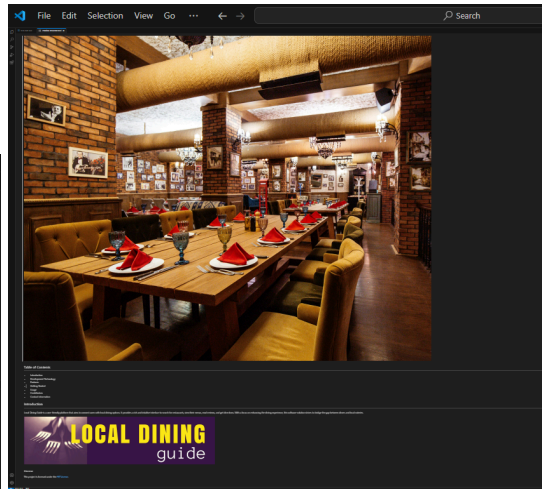
```
MINGW64/e/Common Technical Sessions/Git Exam/Team-Unauthorized
B31TRDESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthorized (development)
$ git checkout -b task1branch
Switched to a new branch 'task1branch'
B31TRDESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthorized (task1branch)
$ |

B31TRDESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthorized (task1branch)
$ ls
LICENSE  README.md
B31TRDESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthorized (task1branch)
$ code README.md
```

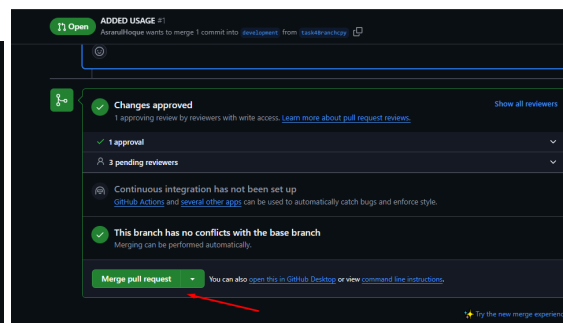
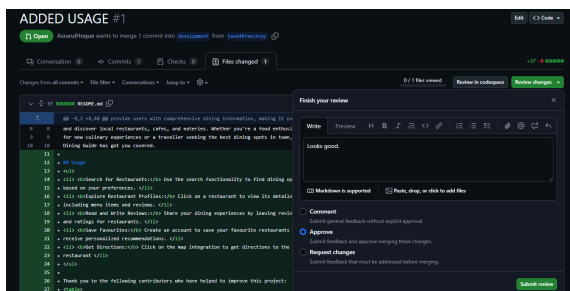
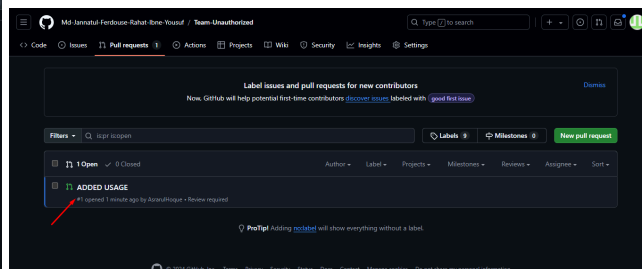
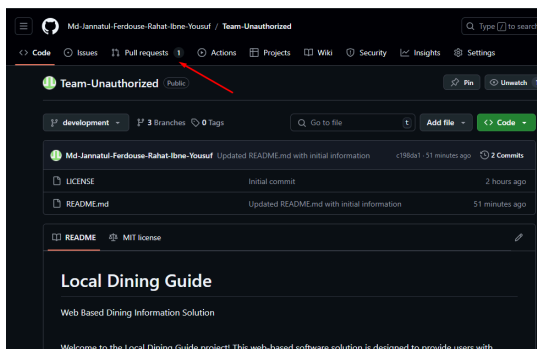


## Adding Introduction Information:

```
1 1 README.md X
2
3 1 <!-- Technical details > Git Exam > Team-Unauthorized > 1 README.md > 1 Introduction
4 1 [[alt text]](Project Logo-Image-1.jpg)
5
6 1
7 1
8 1 ## Table of Contents
9 1
10 1 - Introduction
11 1 - Development Technology
12 1 - Features
13 1 - Getting Started
14 1 - Usage
15 1 - Contributors
16 1 - Contact Information
17
18 1
19 1
20 1
21 1 ## Introduction
22 1 Local Dining Guide is a user-friendly platform that aims to connect users with local dining
23 1 options. It provides a rich and intuitive interface to search for restaurants, view their menus,
24 1 read reviews, and get directions. With a focus on enhancing the dining experience, this
25 1 software solution strives to bridge the gap between diners and local eateries.
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```



## Reviewing PR:



## Adding updated and new files in local repo:

```
MINGW64~/e/Common Technical Sessions/Git Exam/Team-Unauthori
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branch)
$ git status
On branch task1branch
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

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

no changes added to commit (use "git add" and/or "git commit -a")
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branch)
$
$ git add .
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branch)
$ git commit -m "Doc(README): Added introduction and images" -m "Refs: 12345"
[task1branch e96a280] Doc(README): Added introduction and images
3 files changed, 22 insertions(+), 1 deletion(-)
create mode 100644 Project Banner.jpg
create mode 100644 Project Logo.jpg
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branch)
$
```

## Committing changes:

```
MINGW64~/e/Common Technical Sessions/Git Exam/Team-Unauthori
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branch)
$ git log
commit e96a2801ad7df73995e645f0d5b3dba12bd67903 (HEAD -> task1branch)
Author: Md. Jannatul Ferdouse Rahat Ibne Yousuf <jannatul.ferdous@bjitacademy.com>
Date:   Mon Nov 25 15:14:05 2024 +0600

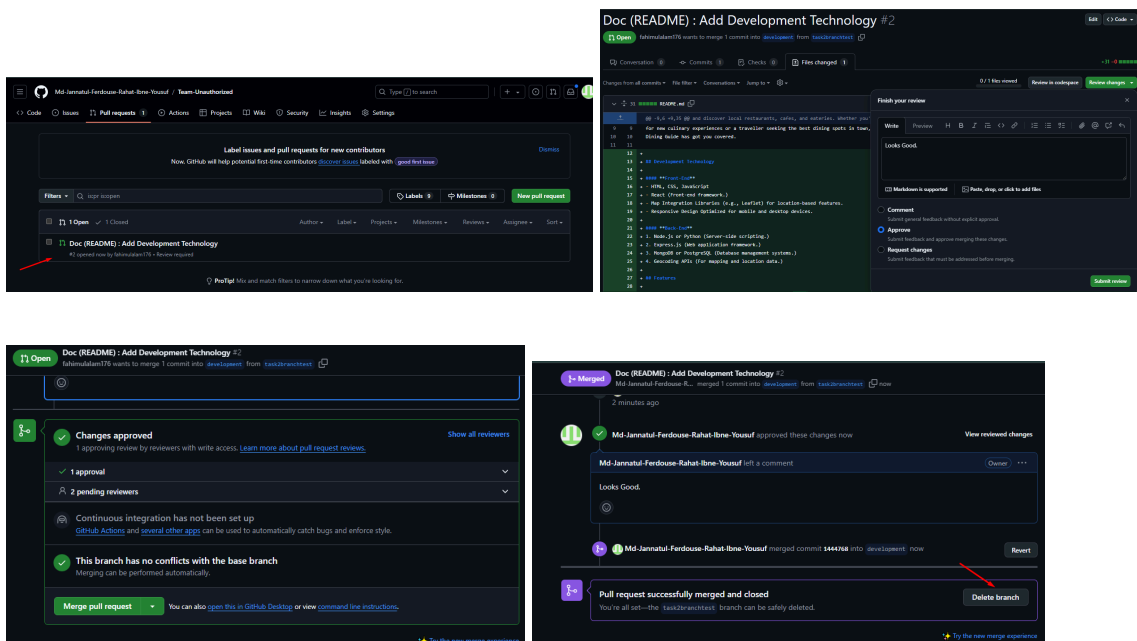
    Doc(README): Added introduction and images

    Refs: 12345

commit 1f6f44d5dd0d9299035dc5cdd68abfe5031e7759 (origin/main, origin/development,
origin/HEAD, development)
Author: Md. Jannatul Ferdouse Rahat Ibne Yousuf <jannatul.ferdous@bjitacademy.com>
Date:   Mon Nov 25 12:26:39 2024 +0600

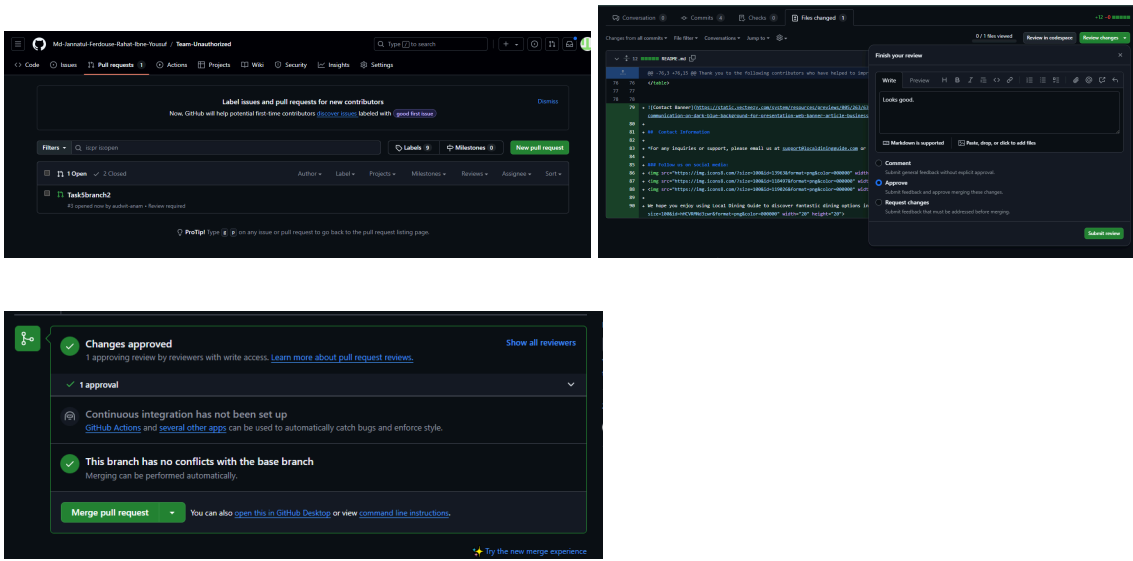
    Initial commit
```

## Review PR request:

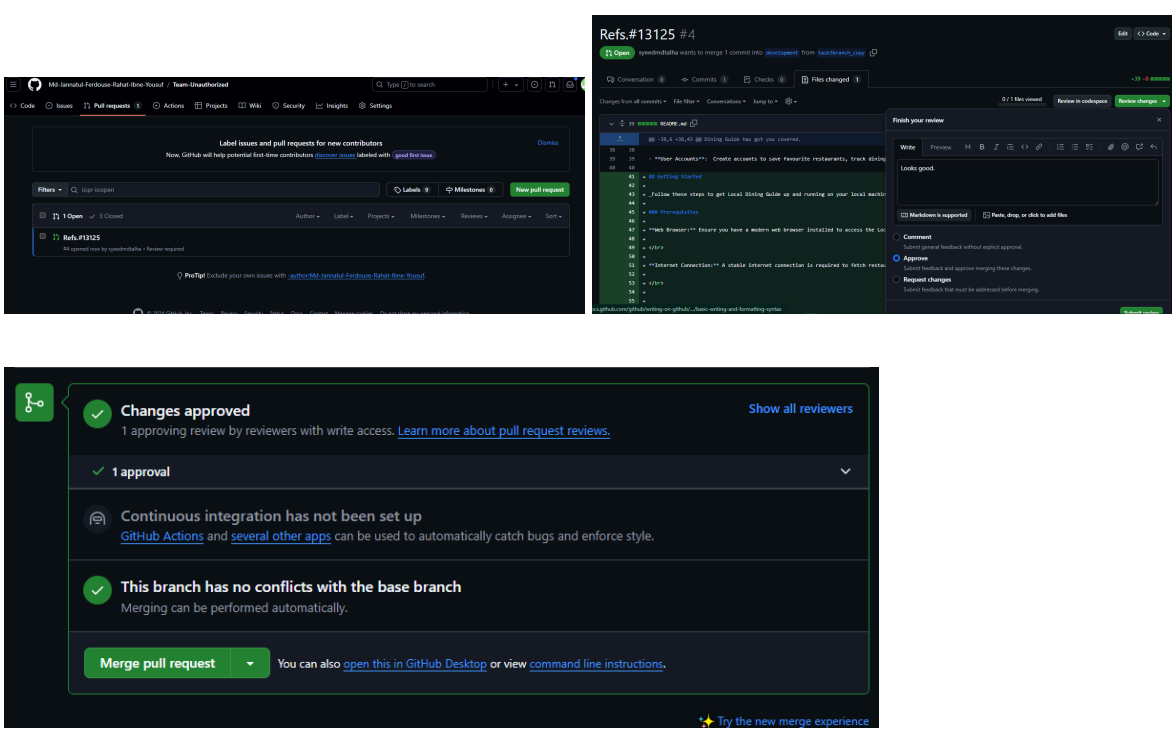




# Reviewing PR requests:



# Reviewing PR requests:



## Switching to development and making a PULL:

```
MINGW64:/e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branch)
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (development)
$ git pull origin development
remote: Enumerating objects: 26, done.
remote: Counting objects: 100% (26/26), done.
remote: Compressing objects: 100% (20/20), done.
remote: Total 24 (delta 5), reused 17 (delta 4), pack-reused 0 (from 0)
Unpacking objects: 100% (24/24), 8.87 KiB | 178.00 KiB/s, done.
From github.com:Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf/Team-Unauthorized
* branch          development -> FETCH_HEAD
1f6f44d..9ee5cd2  development -> origin/development
Updating 1f6f44d..9ee5cd2
Fast-forward
 README.md | 130 ++++++
 1 file changed, 129 insertions(+), 1 deletion(-)
```

## Creating a new branch with the latest update from development:

```
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (development)
$ git checkout -b task1branchTemp
Switched to a new branch 'task1branchTemp'
```

## Retrieving the sha1 key for last commit in my branch:

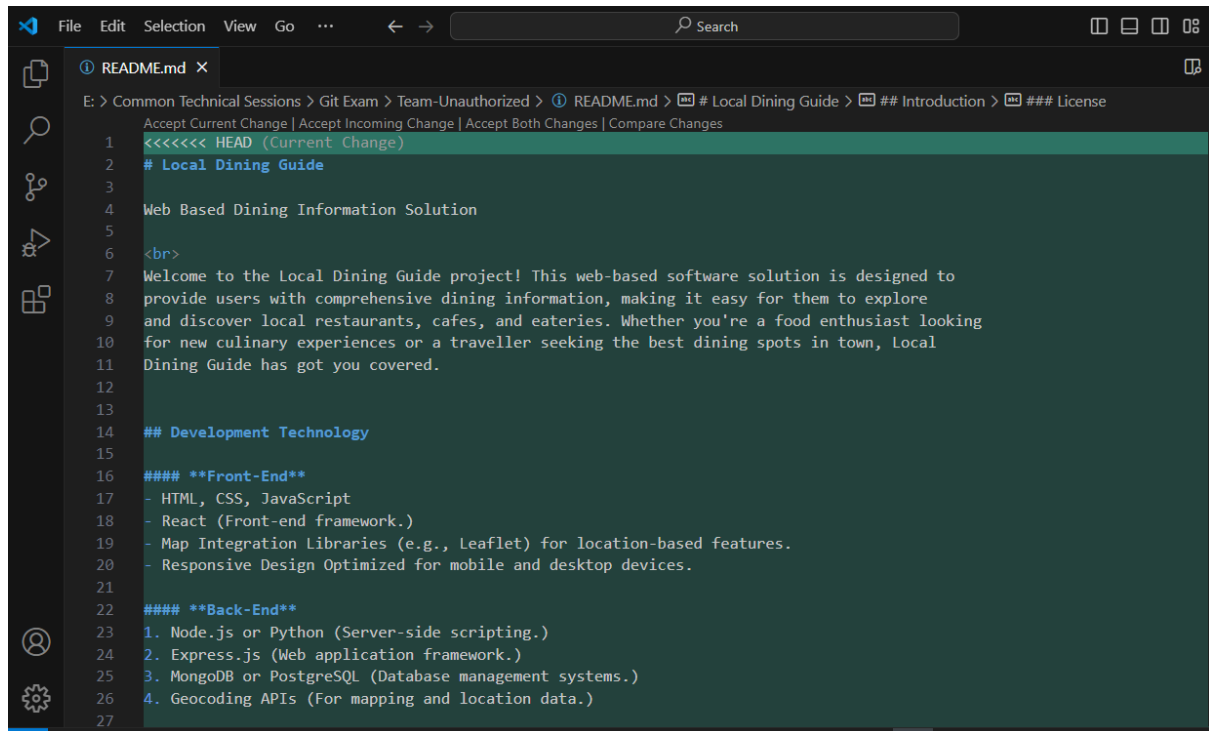
```
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branch)
$ git log --oneline -1
e96a280 (HEAD -> task1branch) Doc(README): Added introduction and images
```

## Cherry-picking my branch on top of new-updated branch:

```
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branchTemp)
$ git cherry-pick e96a280
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply e96a280... Doc(README): Added introduction and images
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"

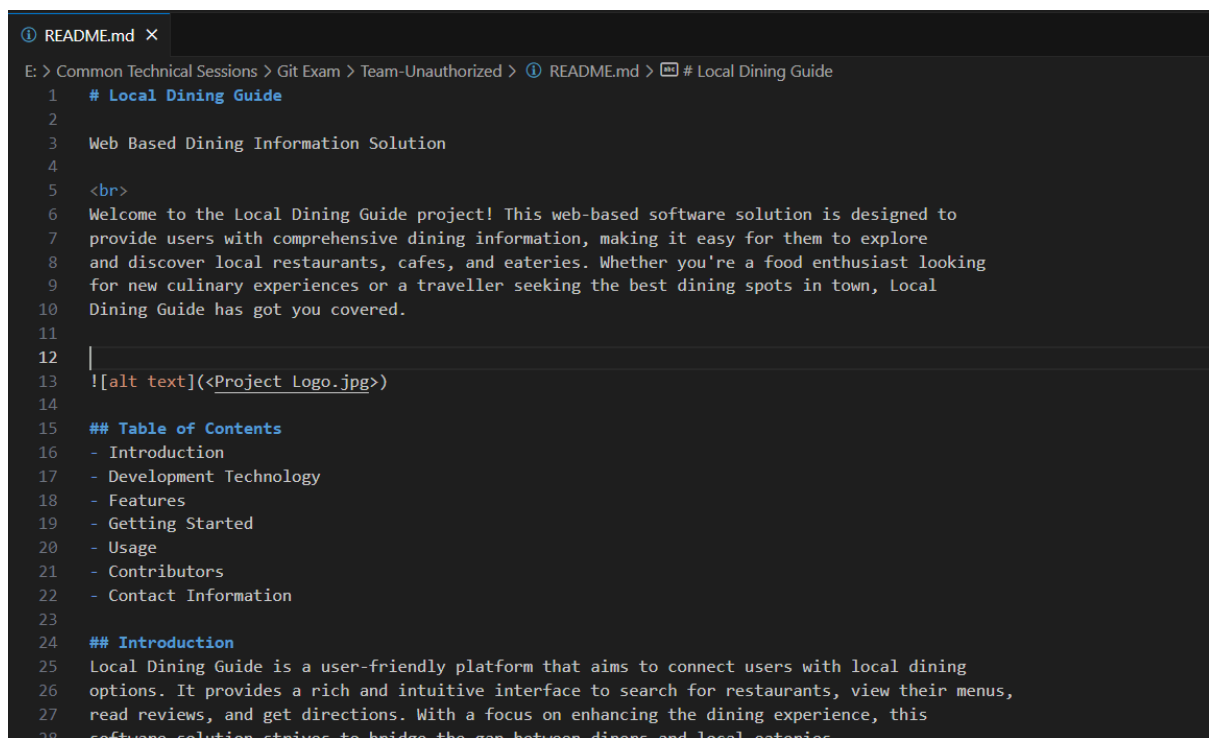
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthori
zed (task1branchTemp|CHERRY-PICKING)
$ |
```

## Merge Conflict Arises:



```
1 <<<<<< HEAD (Current Change)
2 # Local Dining Guide
3
4 Web Based Dining Information Solution
5
6 <br>
7 Welcome to the Local Dining Guide project! This web-based software solution is designed to
8 provide users with comprehensive dining information, making it easy for them to explore
9 and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking
10 for new culinary experiences or a traveller seeking the best dining spots in town, Local
11 Dining Guide has got you covered.
12
13
14 ## Development Technology
15
16 #### **Front-End**
17 - HTML, CSS, JavaScript
18 - React (Front-end framework.)
19 - Map Integration Libraries (e.g., Leaflet) for location-based features.
20 - Responsive Design Optimized for mobile and desktop devices.
21
22 #### **Back-End**
23 1. Node.js or Python (Server-side scripting.)
24 2. Express.js (Web application framework.)
25 3. MongoDB or PostgreSQL (Database management systems.)
26 4. Geocoding APIs (For mapping and location data.)
27
```

## Removing the marker and resolving merge conflict:



```
1 # Local Dining Guide
2
3 Web Based Dining Information Solution
4
5 <br>
6 Welcome to the Local Dining Guide project! This web-based software solution is designed to
7 provide users with comprehensive dining information, making it easy for them to explore
8 and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking
9 for new culinary experiences or a traveller seeking the best dining spots in town, Local
10 Dining Guide has got you covered.
11
12
13 |
14 ![alt text](Project Logo.jpg)
15
16 ## Table of Contents
17 - Introduction
18 - Development Technology
19 - Features
20 - Getting Started
21 - Usage
22 - Contributors
23 - Contact Information
24
25 ## Introduction
26 Local Dining Guide is a user-friendly platform that aims to connect users with local dining
27 options. It provides a rich and intuitive interface to search for restaurants, view their menus,
28 read reviews, and get directions. With a focus on enhancing the dining experience, this
29 software solution strives to bridge the gap between diners and local eateries.
```

## Continuing cherry-picking and exiting from Vim:

```

MINGW64:/e/Common Technical Sessions/Git Exam/Team-Unauthorized
$ git checkout task1branchTemp
Doc(README): Added introduction and images

Refs: 12345

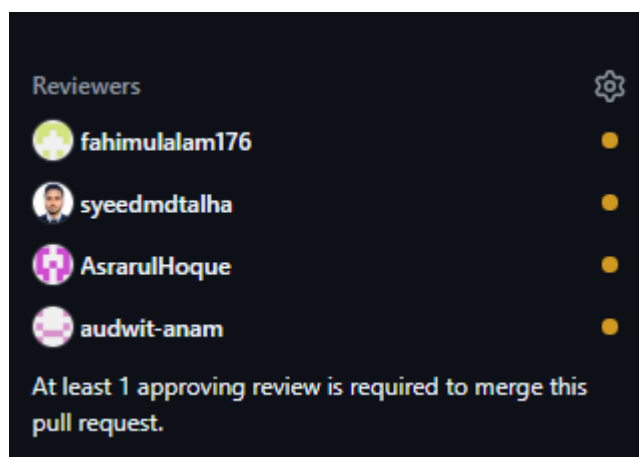
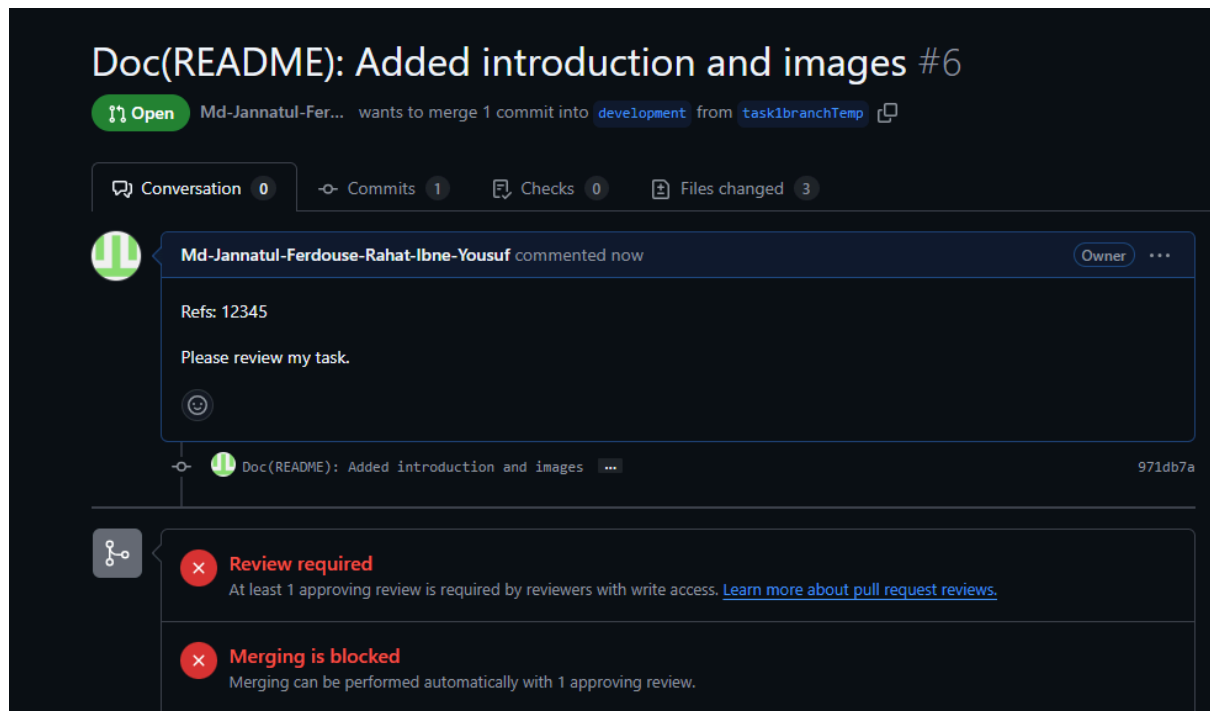
# Conflicts:
#   README.md
#
# It looks like you may be committing a cherry-pick.
# If this is not correct, please run
#   git update-ref -d CHERRY_PICK_HEAD
# and try again.
#
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:      Mon Nov 25 15:14:05 2024 +0600
#
# On branch task1branchTemp
# You are currently cherry-picking commit e96a280.
#
# Changes to be committed:
#   new file:   Project Banner.jpg
#   new file:   Project Logo.jpg
#   modified:   README.md

```

## Pushing resolved branch to the remote repository

```
BJIT@DESKTOP-H17UFJ4 MINGW64 /e/Common Technical Sessions/Git Exam/Team-Unauthorized (task1branchTemp)
$ git push -u origin task1branchTemp
```

## Making a Pull Request and waiting for review approval:



# Reviewing PR requests (pdf):

