

## Enter the repository

The screenshot shows the GitHub repository page for 'BugBusters2' by user 'enisha121'. The repository is public and has 1 commit on the 'main' branch. The README file is visible, titled 'BugBusters2'. The right sidebar shows repository statistics: 0 stars, 1 watching, and 0 forks. The 'Code' button is highlighted in green.

## Open SSH key for secure connection

The screenshot shows the same GitHub repository page, but with the 'Code' dropdown menu open. The menu is divided into 'Local' and 'Codespaces' tabs. Under the 'Local' tab, there are three options: 'Clone', 'Open with GitHub Desktop', and 'Download ZIP'. The 'Clone' option is selected, and the 'SSH' method is chosen. The SSH URL is displayed as 'git@github.com:enisha121/BugBusters2.git'. A note below the URL states: 'Use a password-protected SSH key.'

Using SSH Key to clone the repository to our local system

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask
$ git clone git@github.com:enisha121/BugBusters2.git
Cloning into 'BugBusters2'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reus
Receiving objects: 100% (3/3), done.
```

Changing the directory to project repository folder

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask
$ cd BugBusters2
```

Creating a personal branch & Checking Out to that Branch

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBus
ters2 (main)
$ git checkout -b Task3
Switched to a new branch 'Task3'
```

Storing the assigned tasks into my working branch

This PC > Desktop > Git Retask > BugBusters2					
Name	Date modified	Type	Size		
.git	31/08/2023 01:57 PM	File folder			
ArkoMazhar.md	17/08/2023 03:32 PM	MD File	5 KB		
README.md	31/08/2023 01:56 PM	MD File	1 KB		

## Checking The Status

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git status
On branch Task3
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

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

## Adding the tasks to staging area

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git add .

BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git status
On branch Task3
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md
```

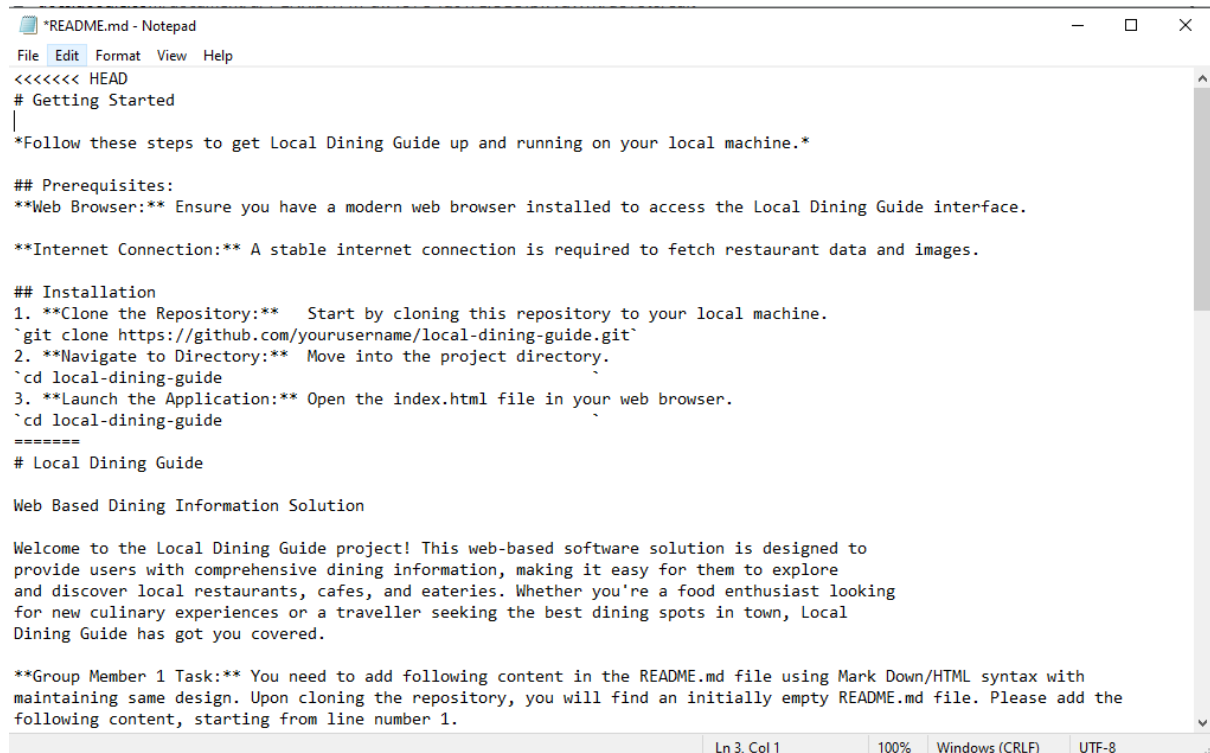
## Committing the Tasks using standard commit message

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git commit -m "README.md & Profile File Update" -m "Here I have completed my task of group member 3 and Submitted my Profile Markdown File"
[Task3 825f3d5] README.md & Profile File Update
2 files changed, 40 insertions(+), 1 deletion(-)
create mode 100644 ArkoMazhar.md
```

Pulling development branch to check remote updates. As there was previous update, a conflict occurred in our README.md File.

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git pull origin development
remote: Enumerating objects: 21, done.
remote: Counting objects: 100% (21/21), done.
remote: Compressing objects: 100% (16/16), done.
remote: Total 19 (delta 5), reused 12 (delta 2), pack-reused 0
Unpacking objects: 100% (19/19), 5.57 KiB | 49.00 KiB/s, done.
From github.com:enisha121/BugBusters2
* branch                development -> FETCH_HEAD
   3eb0a9e..6cd1520      development -> origin/development
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
```

## Conflict in Local Branch File



```
*README.md - Notepad
File Edit Format View Help
<<<<<< HEAD
# Getting Started
|
*Follow these steps to get Local Dining Guide up and running on your local machine.*

## Prerequisites:
**Web Browser:** Ensure you have a modern web browser installed to access the Local Dining Guide interface.

**Internet Connection:** A stable internet connection is required to fetch restaurant data and images.

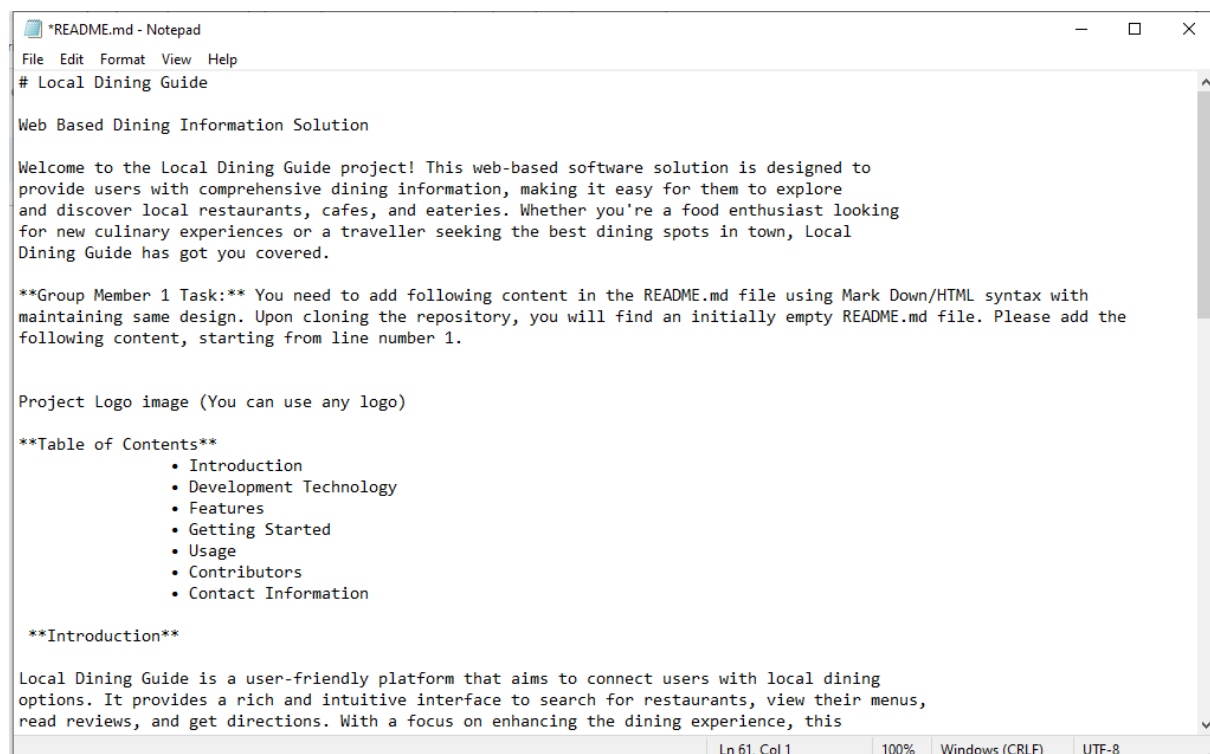
## Installation
1. **Clone the Repository:** Start by cloning this repository to your local machine.
`git clone https://github.com/yourusername/local-dining-guide.git`
2. **Navigate to Directory:** Move into the project directory.
`cd local-dining-guide`
3. **Launch the Application:** Open the index.html file in your web browser.
`cd local-dining-guide`
=====
# Local Dining Guide

Web Based Dining Information Solution

Welcome to the Local Dining Guide project! This web-based software solution is designed to
provide users with comprehensive dining information, making it easy for them to explore
and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking
for new culinary experiences or a traveller seeking the best dining spots in town, Local
Dining Guide has got you covered.

**Group Member 1 Task:** You need to add following content in the README.md file using Mark Down/HTML syntax with
maintaining same design. Upon cloning the repository, you will find an initially empty README.md file. Please add the
following content, starting from line number 1.
```

## Resolving conflict by removing the conflict arrows and rearranging the files



```
*README.md - Notepad
File Edit Format View Help
# Local Dining Guide

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Project Logo image (You can use any logo)

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- Introduction
- Development Technology
- Features
- Getting Started
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- Contributors
- Contact Information



**Introduction**

Local Dining Guide is a user-friendly platform that aims to connect users with local dining
options. It provides a rich and intuitive interface to search for restaurants, view their menus,
read reviews, and get directions. With a focus on enhancing the dining experience, this
```

## Checking the status of the file

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3|MERGING)
$ git status
On branch Task3
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Changes to be committed:
  new file:   EnishaAshrefa.md
  new file:   NigahHossain.md

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

## Adding the files to the staging area

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3|MERGING)
$ git add .

BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3|MERGING)
$ git status
On branch Task3
All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
  new file:   EnishaAshrefa.md
  new file:   NigahHossain.md
  modified:   README.md
```

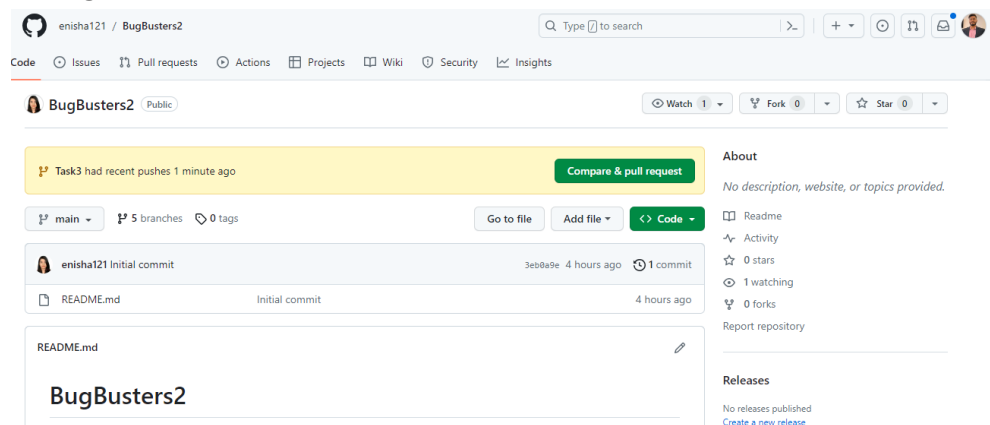
## Commit the new resolved conflict changes

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3|MERGING)
$ git commit -m "Conflict Resolved" -m "Local Conflict is resolved by Group Member 3"
[Task3 72cdfde] Conflict Resolved
```

## Pushing the changed files into our dedicated branch Task3

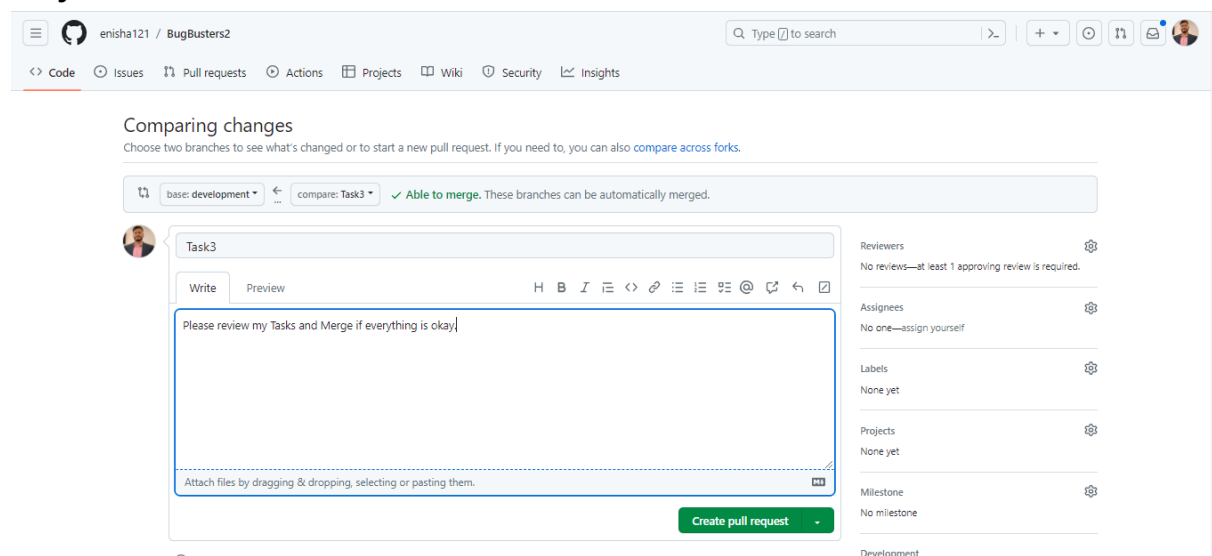
```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git push origin Task3
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 8 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (10/10), 2.29 KiB | 469.00 KiB/s, done.
Total 10 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), completed with 1 local object.
remote:
remote: Create a pull request for 'Task3' on GitHub by visiting:
remote:   https://github.com/enisha121/BugBusters2/pull/new/Task3
remote:
To github.com:enisha121/BugBusters2.git
 * [new branch]      Task3 -> Task3
```

## Changes have appeared in Github



The screenshot shows the GitHub repository page for 'enisha121 / BugBusters2'. The repository is public and has 5 branches and 0 tags. The main branch is selected. The repository has 1 commit, 1 README.md file, and 0 stars. The repository is created 4 hours ago. The repository is named 'BugBusters2'.

## Creating a pull request to development for merging, if everything code owner finds okay



The screenshot shows the GitHub 'Comparing changes' page for creating a pull request. The page is titled 'Comparing changes' and has a subtitle 'Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).' The page shows a comparison between the 'base: development' branch and the 'compare: Task3' branch. The status is 'Able to merge. These branches can be automatically merged.' The page includes a 'Task3' branch selector, a 'Write' tab, and a 'Preview' tab. The 'Write' tab is active, showing a text area with the message 'Please review my Tasks and Merge if everything is okay'. The 'Preview' tab is also visible. The page includes a 'Create pull request' button and a 'Development' branch selector.

## Merge request is created

Task3 #4

Open

arkomazharbjit wants to merge 3 commits into `development` from `Task3`

Conversation 0

Commits 3

Checks 0

Files changed 2

+42 -1

arkomazharbjit commented now

Collaborator

Please review my Tasks and Merge if everything is okay.

arkomazharbjit added 3 commits 51 minutes ago

README.md & Profile File Update

825f3d5

README.md & Profile File Update

8582878

Conflict Resolved

72cdfde

Add more commits by pushing to the `Task3` branch on `enisha121/BugBusters2`.

Review required

New changes require approval from someone other than the last pusher. [Learn more about pull request reviews.](#)

Merging is blocked

Merging can be performed automatically with 1 approving review.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Write

Preview

H B I

Reviewers

Suggestions

nigah-bjit

Request

At least 1 approving review is required to merge this pull request.

Still in progress? Convert to draft

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

## Request is approved

Task3 #4

Open

arkomazharbjit wants to merge 3 commits into `development` from `Task3`

Conversation 0

Commits 3

Checks 0

Files changed 2

+42 -1

arkomazharbjit commented 2 minutes ago

Collaborator

Please review my Tasks and Merge if everything is okay.

arkomazharbjit added 3 commits 53 minutes ago

README.md & Profile File Update

825f3d5

README.md & Profile File Update

8582878

Conflict Resolved

72cdfde

enisha121 approved these changes now

View reviewed changes

enisha121 left a comment

Owner

ok

Add more commits by pushing to the `Task3` branch on `enisha121/BugBusters2`.

Changes approved

1 approving review by reviewers with write access. [Learn more about pull request reviews.](#)

1 approval

This branch has no conflicts with the base branch

Merging can be performed automatically.

Notifications

Customize

Unsubscribe

You're receiving notifications because you authored the thread.

2 participants

## Request is merged by the code owner

### Task3 #4

[Merged](#) enisha121 merged 3 commits into `development` from `Task3` 1 minute ago

Conversation 0

Commits 3

Checks 0

Files changed 2

+42 -1

arkomazharbjit commented 4 minutes ago

Collaborator

...

Please review my Tasks and Merge if everything is okay.

arkomazharbjit added 3 commits 1 hour ago

README.md & Profile File Update 825f3d5

README.md & Profile File Update 8582078

Conflict Resolved 72cdfde

enisha121 approved these changes 2 minutes ago

View reviewed changes

enisha121 left a comment

Owner

...

ok

enisha121 merged commit b93edbe into `development` 1 minute ago

Revert

Pull request successfully merged and closed

Delete branch

You're all set—the `Task3` branch can be safely deleted.

Write

Preview

H B I L E < > P L I E S @

Lock conversation

Reviewers

enisha121

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

Notifications

Customize

Unsubscribe

You're receiving notifications because you authored the thread.

2 participants

## Task File submitted to Task3 Branch

```
BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git status
On branch Task3
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Arko Mazhar_ID30115_All Task .pdf

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

BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git add .

BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git commit -m "Task Summary Submission"
[Task3 fb1d08a] Task Summary Submission
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Arko Mazhar_ID30115_All Task .pdf

BJIT@DESKTOP-363ED37 MINGW64 ~/Desktop/Git Retask/BugBusters2 (Task3)
$ git push origin Task3
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), 547.92 KiB | 1.39 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:enisha121/BugBusters2.git
72cdfde..fb1d08a Task3 -> Task3
```



