

- At first my team leader added me as a Collaborator
- I accepted invitation and became the Collaborator
- I copied the SSH link from Github to clone to my local

```
MINGW64/f/NewOne/ReviewExam
B31TROESKTOP-363ED37 MINGW64 /f/NewOne
$ git clone https://github.com/antu110/ReviewExam.git
Cloning into 'ReviewExam'...
remote: Enumerating objects: 14, done.
remote: Counting objects: 100% (14/14), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 14 (delta 1), reused 6 (delta 1), pack-reused 0
Receiving objects: 100% (14/14), done.
Resolving deltas: 100% (1/1), done.
B31TROESKTOP-363ED37 MINGW64 /f/NewOne
$ cd ReviewExam
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (main)
$ git checkout -b task2
Switched to a new branch 'task2'
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2)
$ git add . && git commit -m "ReadMe file updated" -m "content done with HTML and CSS" -m "ref#123456"
[task2 f5dfc70] ReadMe file updated
1 file changed, 28 insertions(+), 1 deletion(-)
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (main)
$ git pull origin development
From https://github.com/antu110/ReviewExam
 * branch      development -> FETCH_HEAD
Updating 72b2b13..12b8cb5
Fast-forward
 README.md | 43 ++++++
 1 file changed, 42 insertions(+), 1 deletion(-)
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (main)
$ git checkout task2
Switched to branch 'task2'
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2)
$ git merge main
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2) [MERGING]
$ git add . && git commit -m "Conflicted resolved" -m "task2 is completed" -m "ref#123456"
```

```
MINGW64/f/NewOne/ReviewExam
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (main)
$ git pull origin development
From https://github.com/antu110/ReviewExam
 * branch      development -> FETCH_HEAD
Updating 72b2b13..12b8cb5
Fast-forward
 README.md | 43 ++++++
 1 file changed, 42 insertions(+), 1 deletion(-)
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (main)
$ git checkout task2
Switched to branch 'task2'
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2)
$ git merge main
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2) [MERGING]
$ git add . && git commit -m "Conflicted resolved" -m "task2 is completed" -m "ref#123456"
[task2 7e0c516] Conflicted resolved
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2)
$ git status
On branch task2
nothing to commit, working tree clean
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2)
$ git push -u origin task2
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 1.29 KiB | 1.29 MiB/s, done.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
remote: Create a pull request for 'task2' on GitHub by visiting:
remote:   https://github.com/antu110/ReviewExam/pull/new/task2
remote: To https://github.com/antu110/ReviewExam.git
 * [new branch] task2 -> task2
branch 'task2' set up to track 'origin/task2'.
B31TROESKTOP-363ED37 MINGW64 /f/NewOne/ReviewExam (task2)
$
```

- I cloned from remote to my local
- Then I created a branch called **task2** in my local to do my task
- Then I completed the task that was assigned to me
- After completing task,I checked the files in git bash using “**git status**” command which showed that files were staged
- And so,I added the files using “**git add**” and committed using “**git commit**” and followed the standard practice of committing -**summary,description,footer**
- Then i changed my branch to local main branch
- Then I pulled from remote branch called “**development**” as it was updated by the team leader
- Then I changed my branch from main to my locally created “**branch_main**” again

- Then i attempted to merge the local “**branch_main**” with “**main**”
- Then Conflicted happened
- So,I went to the local **README file** to resolve the conflict
- Here,I resolved the issues
- As the issues were solved,I again used **git add**. And git **commit** to stage the file
- As it was done,I used it push from **task2** to push the file to the remote repository.

```
*README - Notepad
File Edit Format View Help
## Development Technology
Describe the development technology used for this project.

## Features
List the key features of the Local Dining Guide platform.

## Getting Started
Provide instructions on how to get started with using or contributing to the project.
|
## Usage
Explain how users can effectively use the platform and its features.

## Contributors
List the contributors who have contributed to this project.

## Contact Information
Provide contact details for any project-related inquiries.

## License
This project is licensed under the MIT License.

<h2>Development Technology</h2>

<h3>Front-End:</h3>
<ul>
  <li>HTML, CSS, JavaScript</li>
  <li>React (Front-end framework)</li>
  <li>Map integration libraries (e.g., Leaflet) for location-based features</li>
  <li>Responsive design for mobile and desktop devices</li>
</ul>

<h3>Back-End:</h3>
<ol>
  <li>Node.js or Python (Server-side scripting)</li>
  <li>Express.js (Web application frameworks)</li>
```

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## License
This project is licensed under the MIT License.

<h2>Development Technology</h2>

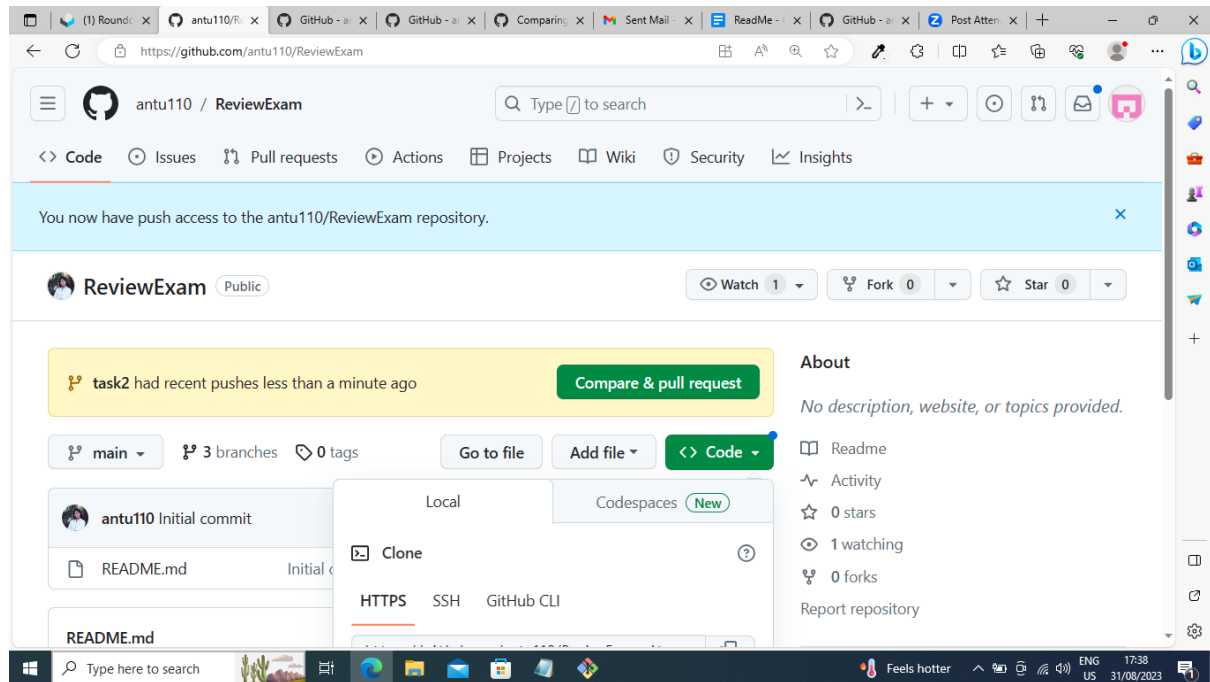
<h3>Front-End:</h3>
<ul>
  <li>HTML, CSS, JavaScript</li>
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</ul>

<h3>Back-End:</h3>
<ol>
  <li>Node.js or Python (Server-side scripting)</li>
  <li>Express.js (Web application frameworks)</li>
  <li>MongoDB or PostgreSQL (Database management)</li>
  <li>Geocoding APIs (for mapping and location data)</li>
</ol>

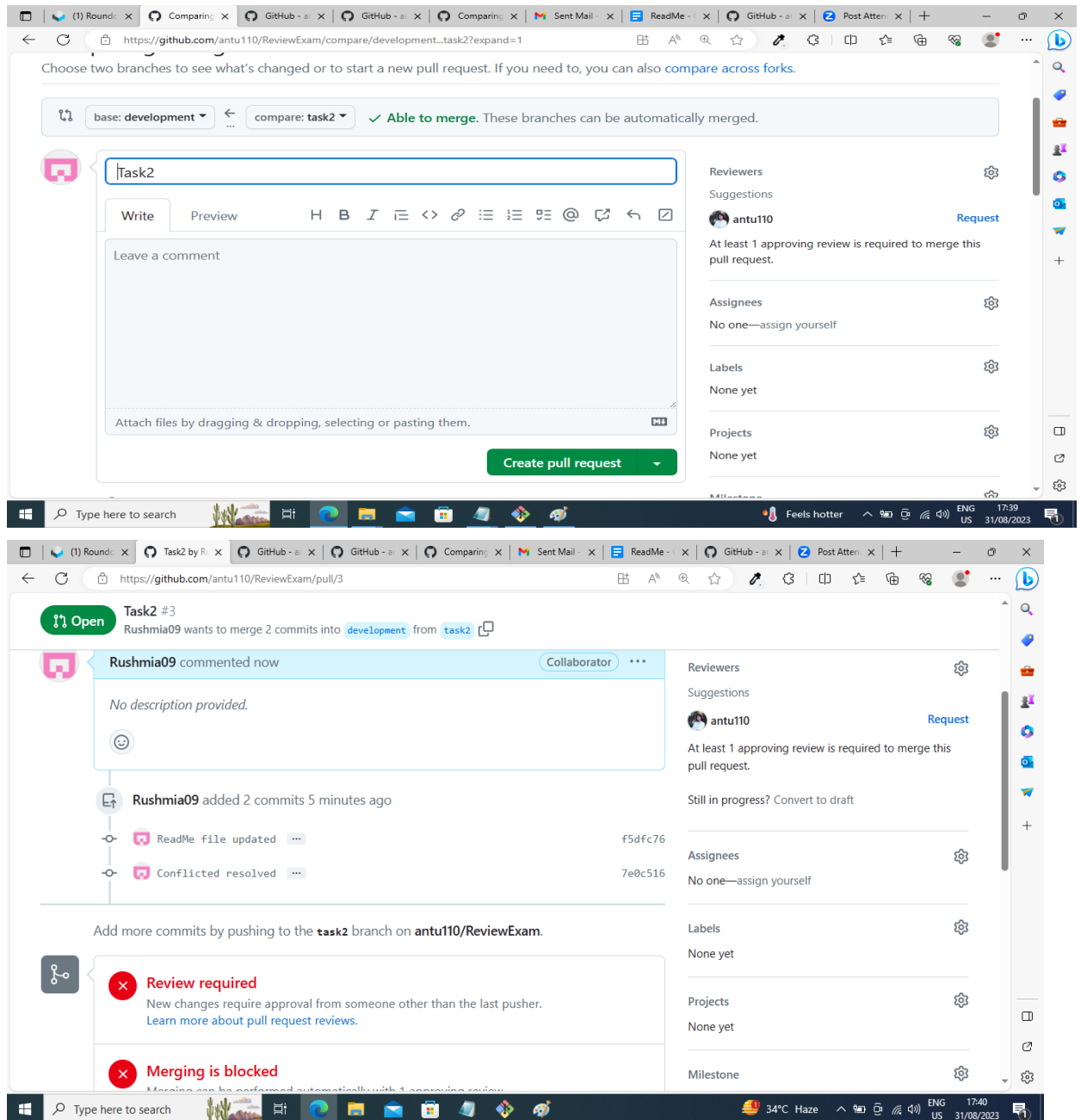
<h2>Features</h2>

<ul>
  <li><strong>Search:</strong> Easily search for dining establishments based on location, cuisine, price range, and more.</li>
  <li><strong>Restaurant Profiles:</strong> Detailed profiles for each restaurant, including information about the cuisine, operating hours, contact details, and customer reviews.</li>
  <li><strong>Menus:</strong> Access to digital menus, helping users explore dishes before visiting the restaurant.</li>
  <li><strong>Reviews and Ratings:</strong> Read and write reviews and ratings to share experiences with the community.</li>
  <li><strong>Map Integration:</strong> Integration with mapping services to provide directions to the selected restaurant.</li>
  <li><strong>User Accounts:</strong> Create accounts to save favorite restaurants, track dining history, and receive personalized recommendations.</li>
</ul>
```

README FILE



- Then i went to Github and did compare and pull request to the team Leader who has the authority to merge my branch to development branch



Here I was a reviewer of one of my groupmate