GROUP F:
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BSIT-3B

```
PS C:\Users\yy438\group-project-repo> git init
Reinitialized existing Git repository in C:/Users/yy438/group-project-repo/.git/
PS C:\Users\yy438\group-project-repo> git checkout -b purisima-alice
Switched to a new branch 'purisima-alice'
PS C:\Users\yy438\group-project-repo> git branch
  main
* purisima-alice
```

I initialize the git then started to create my own brach which is i choose the creation functionality

```
PS C:\Users\yy438\group-project-repo> git branch
  main
* purisima-alice
PS C:\Users\yy438\group-project-repo> git add
```

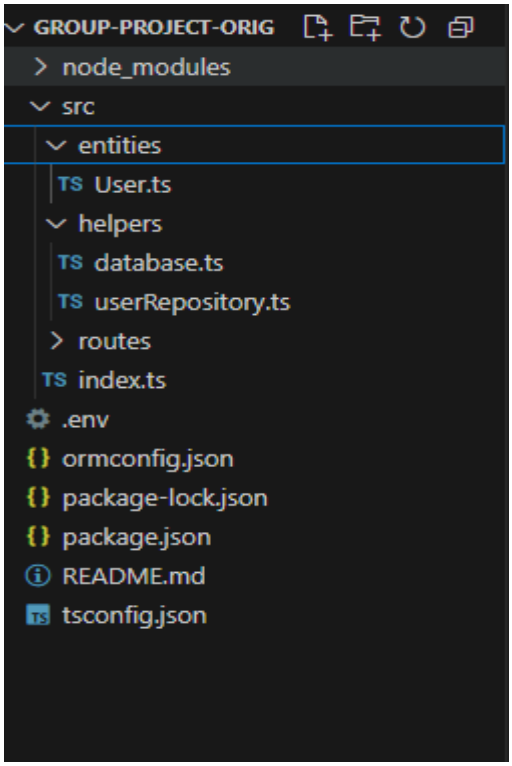
Im now using my own branch

```
PS C:\Users\yy438\group-project-repo> git commit -m "Implement user creation functionality."
On branch purisima-alice
nothing to commit, working tree clean
PS C:\Users\yy438\group-project-repo> git push origin purisima-alice
info: please complete authentication in your browser...
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
```

I commit then push it in my own branch

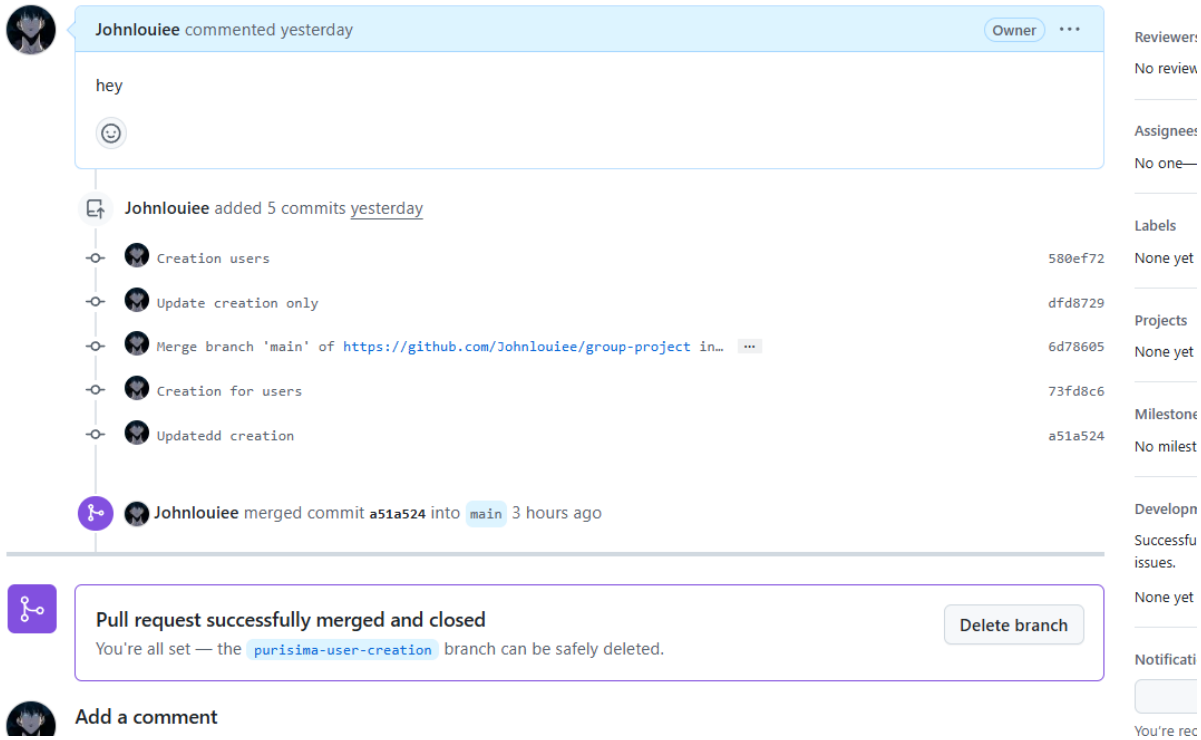
```
PS C:\Users\yy438\group-project-repo> git branch -m purisima-alice purisima-user-creation
PS C:\Users\yy438\group-project-repo> git branch
  main
* purisima-user-creation
```

I change the name of my branch



I created the whole creation features

CREATION



I accepted the pull request of the creation

```
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git init
Reinitialized existing Git repository in C:/Users/User/OneDrive/Desktop/group-project-orig/.git/
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git branch
* main
  purisima-user-creation
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git pull origin purisima-user-creation
 * branch            purisima-user-creation -> FETCH_HEAD
Already up to date.
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git fetch origin
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Total 4 (delta 1), reused 4 (delta 1), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 1.05 KiB | 107.00 KiB/s, done.
```

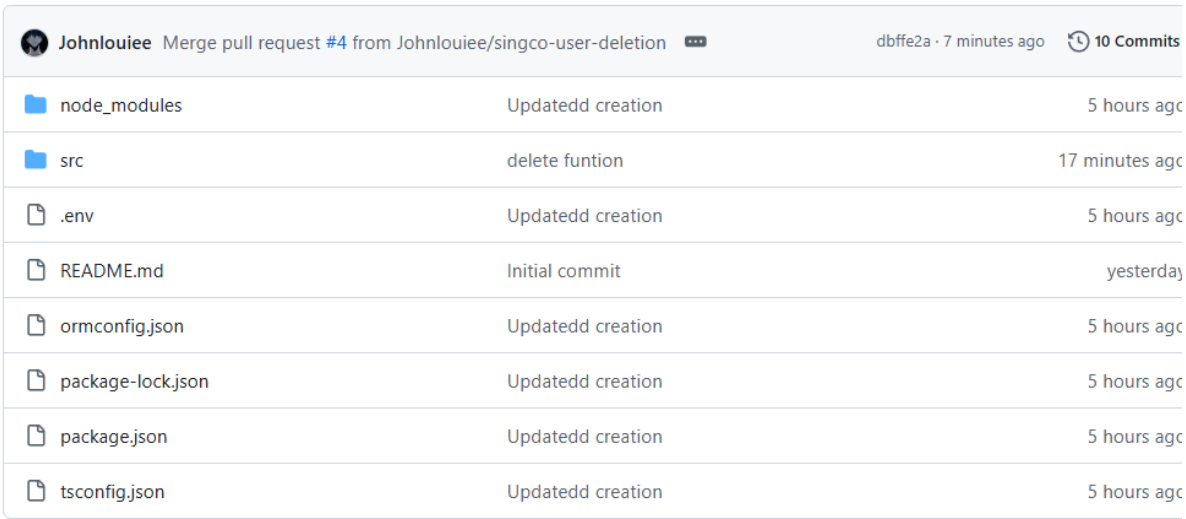
After creating the creation of user I git checkout to my main then pull the creation into it

```
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git merge purisima-user-creation
Already up to date.
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git branch
* main
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git checkout main
Already on 'main'
Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git add .
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git commit -m "Creation"
On branch main
```

I merge it and add and commit to it

```
Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git push origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Johnlouiee/group-project.git
   6c3ebbc..a51a524  main -> main
```

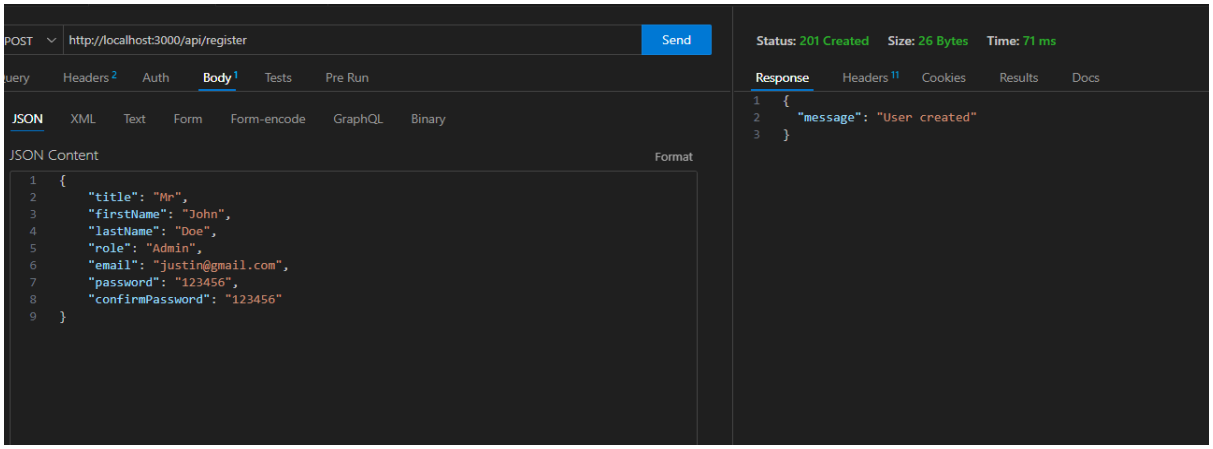
Then I push it into the main so that when they clone it has creation on it



The creation is now merged in the main

```
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git branch
* main
  purisima-user-creation
PS C:\Users\User\OneDrive\Desktop\group-project-orig> git pull origin main
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (2/2), done.
Unpacking objects: 100% (6/6), 1.47 KiB | 52.00 KiB/s, done.
From https://github.com/Johnlouiee/group-project
   a51a524..dbffe2a  main       -> origin/main
Updating a51a524..dbffe2a
Fast-forward
 1 file changed, 25 insertions(+), 8 deletions(-)
```

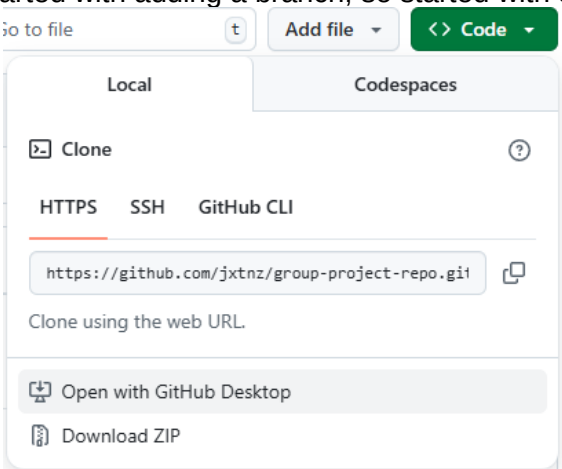
I check again the branch which is main then I git pull it an



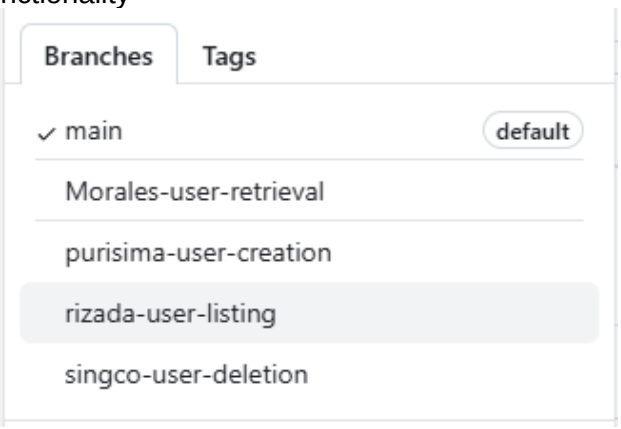
I tested to create users

DELETION

Assign as User-deletion
Started with adding a branch, so started with cloning the leaders/main repository

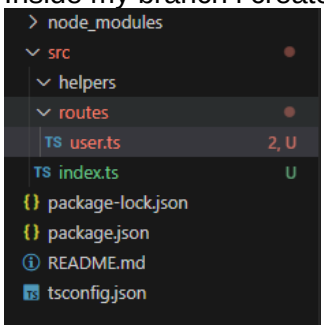


Copied the code and cloned it to my vs code, opened Integrated Terminal, and typed this:
Git init
Git chechout -b singco-user-deletion
Git add .
Git commit -m "Add user deletion functionality"



Git push origin singco-user-deletion

This is what the branch looks like after all of us have pushed our own Branches.
—----------
Inside my branch i created a folder called routes, and inside routes will be user.ts



Code inside the user.ts

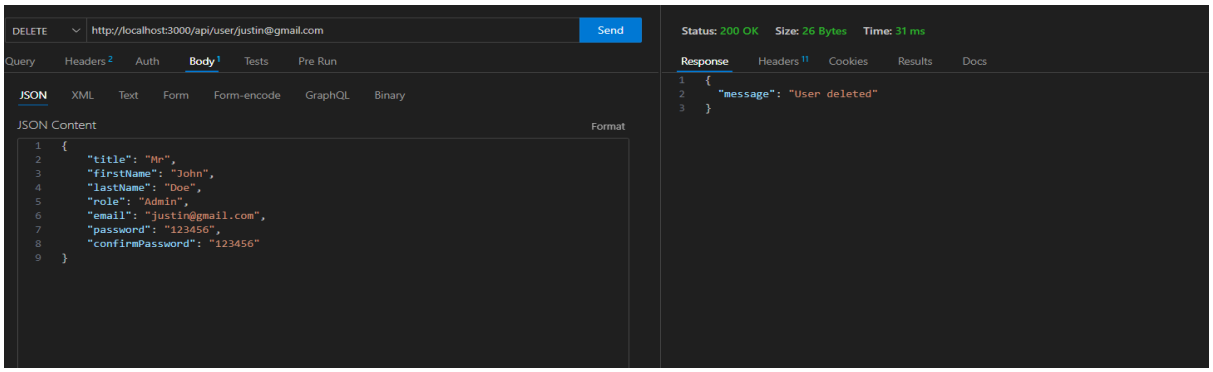
```
        // Attempt to delete user
        const deleted = await DatabaseHelper.deleteUser(userId);

        if (!deleted) {
            throw new Error("Deletion operation returned false");
        }

        return res.status(StatusCodes.OK).json({
            message: `User with ID ${userId} deleted successfully`
        });

    } catch (error) {
        // Type the error for better handling
        const err = error instanceof Error ? error : new Error(String(error));

        console.error('Delete user error:', {
            message: err.message,
            stack: err.stack,
            userId: req.params.id
        });

        return res.status(StatusCodes.INTERNAL_SERVER_ERROR).json({
            error: "Failed to delete user due to server error",
            // Optionally include error message in development
            ...(process.env.NODE_ENV === 'development' && { details: err.message })
        });
    }
});

export default router; // Add this if you're using module exports
```

```
PS C:\Users\User\OneDrive\Desktop\group-project> git checkout singco-user-deletion
branch 'singco-user-deletion' set up to track 'origin/singco-user-deletion'.
Switched to a new branch 'singco-user-deletion'
PS C:\Users\User\OneDrive\Desktop\group-project> git branch
  main
* singco-user-deletion
```

After I approve the pull request I switch up to deletion and check the branch

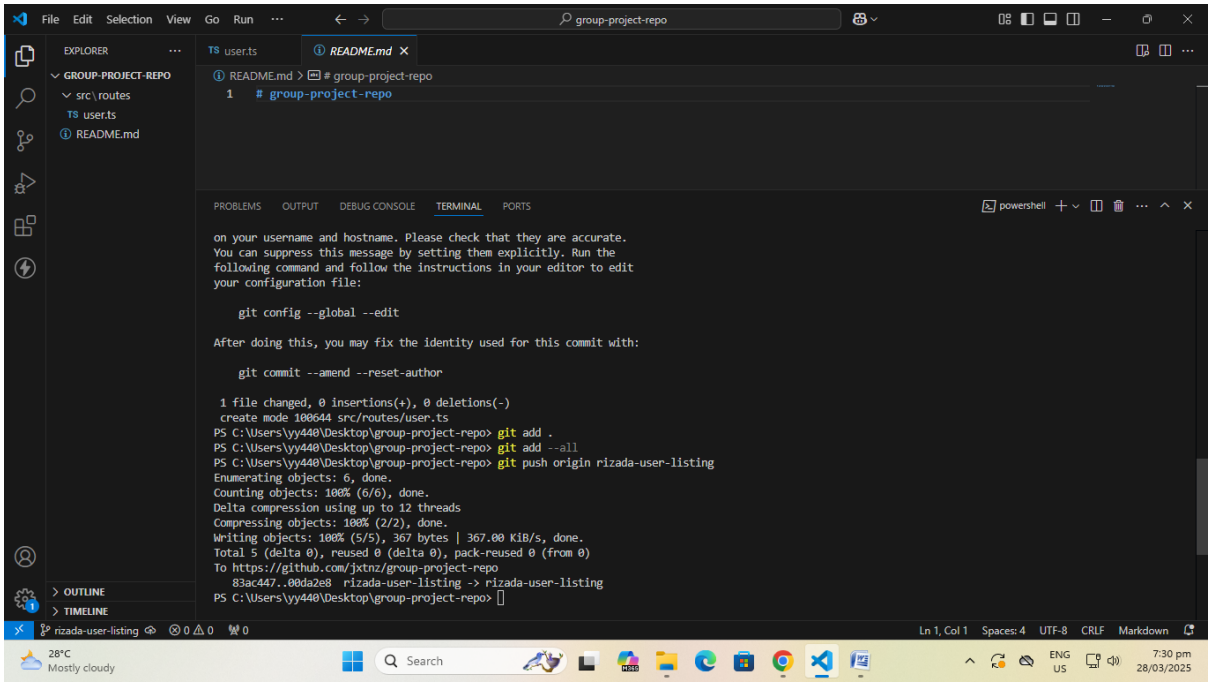
```
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\User\OneDrive\Desktop\group-project> git merge singco-user-deletion
```

I switch again to main then merge the another branch to it

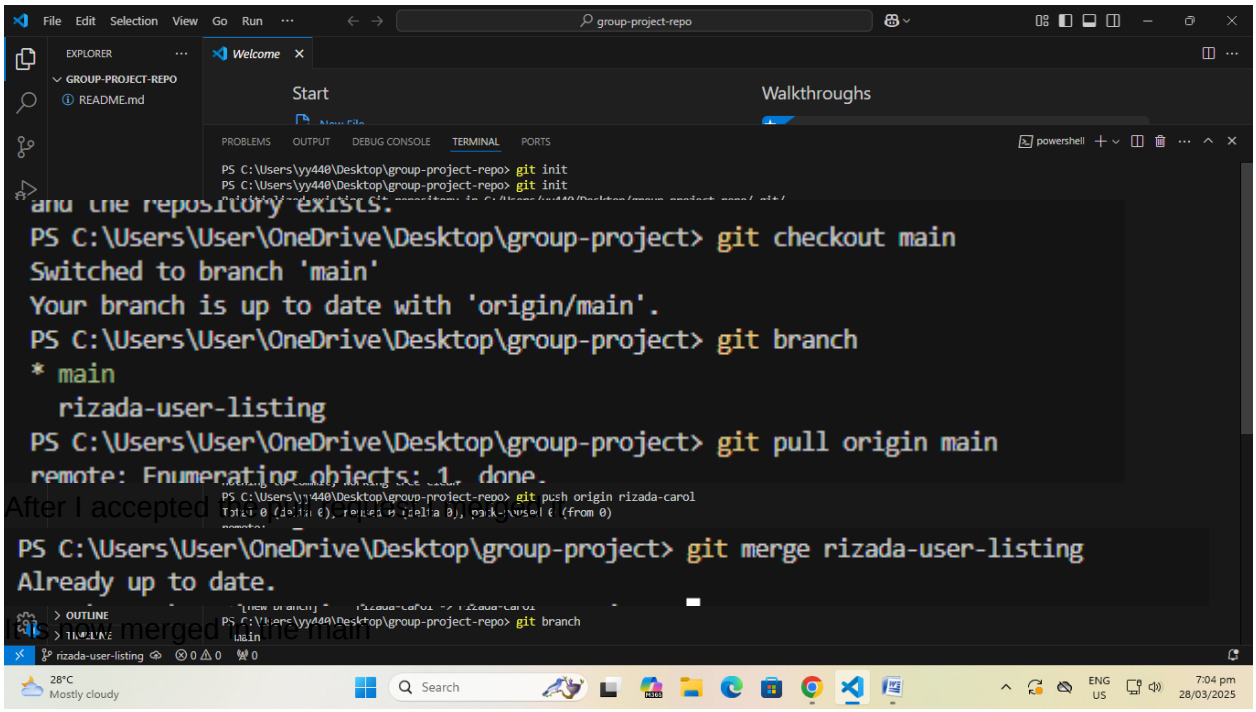


I tested in the deleted

LISTING

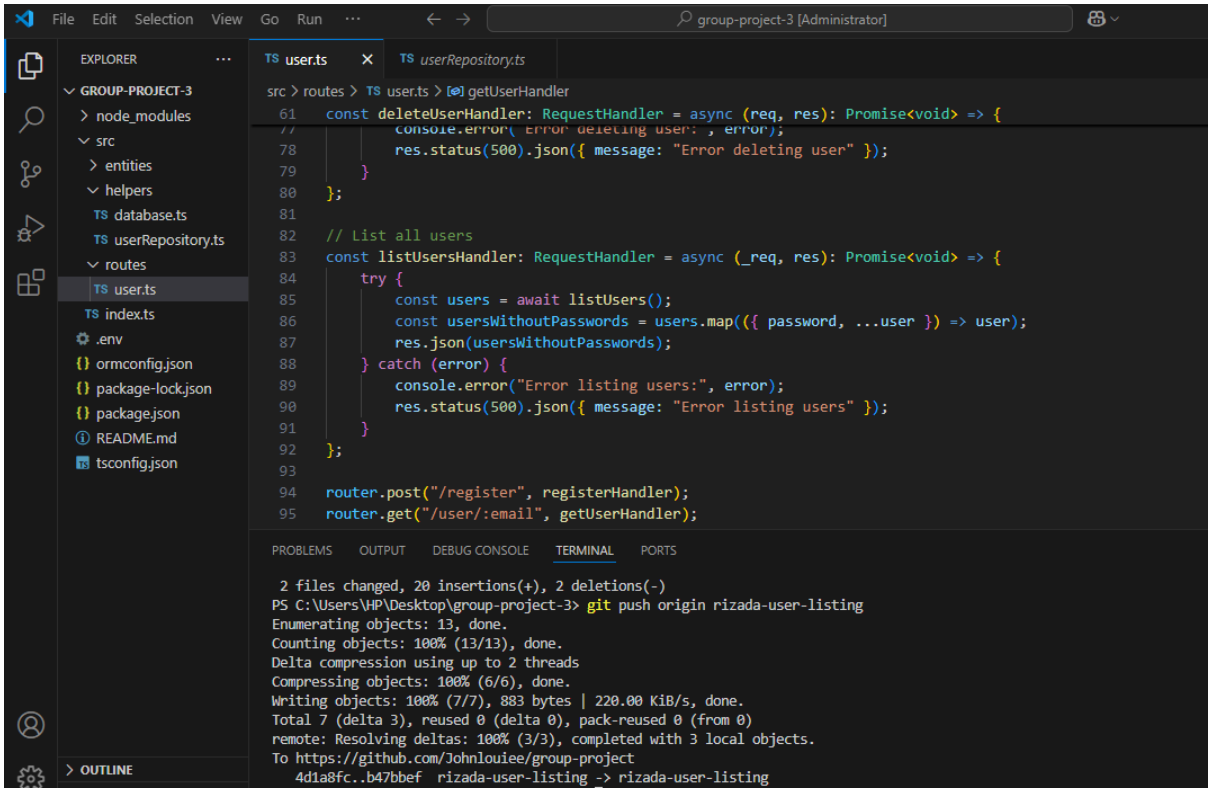


I clone the main

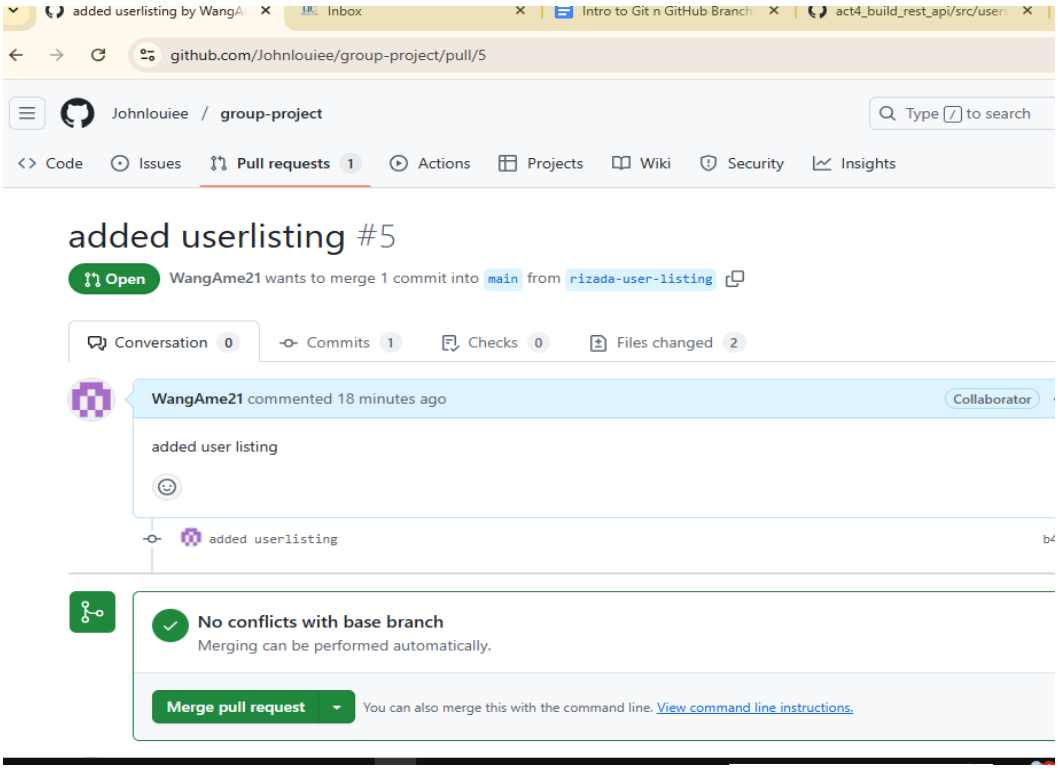


After I accepted [illegible]

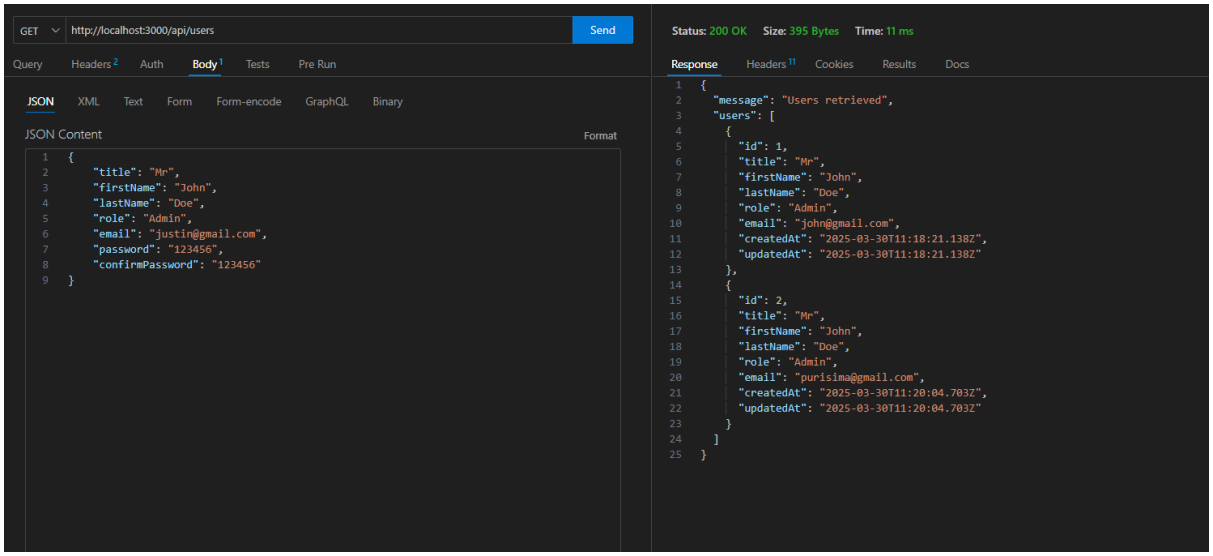
It is merged to the main



Added listing function

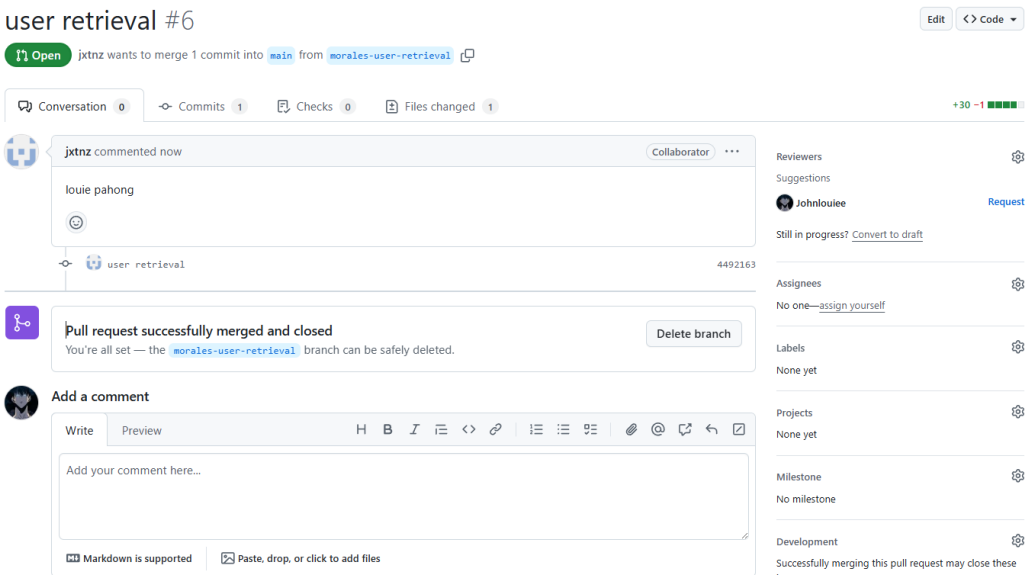


I pull request

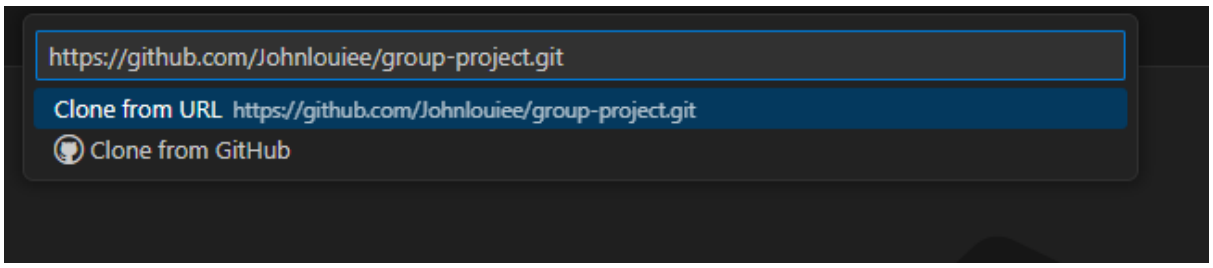


Tested to get users

RETRIEVAL



I accepted the pull request of Morales



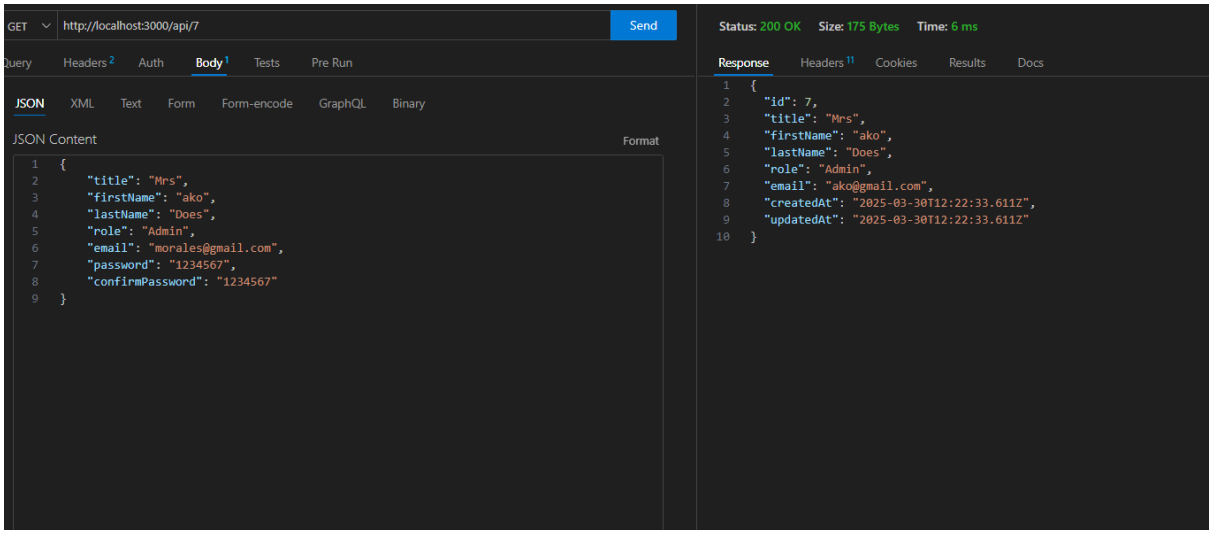
I clone the main

```
PS C:\Users\Justin\Desktop\retrieval\group-project> git branch
* main
PS C:\Users\Justin\Desktop\retrieval\group-project> git checkout morales-user-retrieval
branch 'morales-user-retrieval' set up to track 'origin/morales-user-retrieval'.
Switched to a new branch 'morales-user-retrieval'
PS C:\Users\Justin\Desktop\retrieval\group-project> git branch
  main
* morales-user-retrieval
```

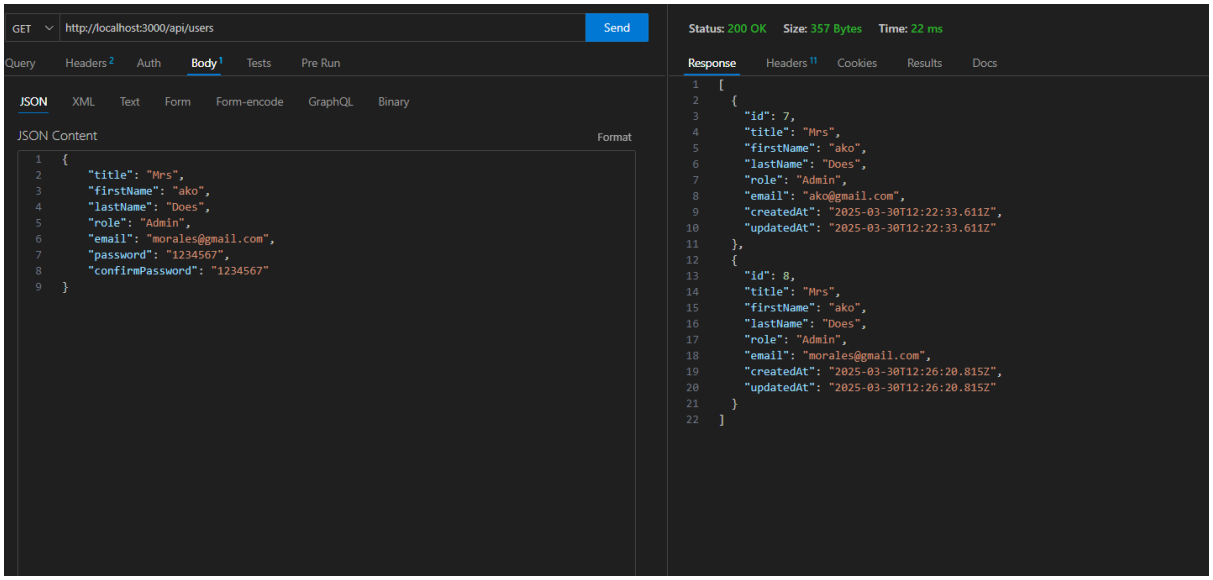
I check the branches

```
// Get User by ID
router.get("/:id", async (req: Request, res: Response) => {
    try {
        const { id } = req.params;
        const user = await findById(Number(id));

        if (!user) {
            return res.status(404).json({
                success: false,
                message: "User not found",
                data: null
            });
        }

        const { password: _, ...userWithoutPassword } = user;
        return res.status(200).json({
            success: true,
            message: "User retrieved successfully",
            data: userWithoutPassword
        });
    } catch (error) {
        console.error("Error retrieving user:", error);
        return res.status(500).json({
            success: false,
            message: "Error retrieving user",
            data: null
        });
    }
});
```

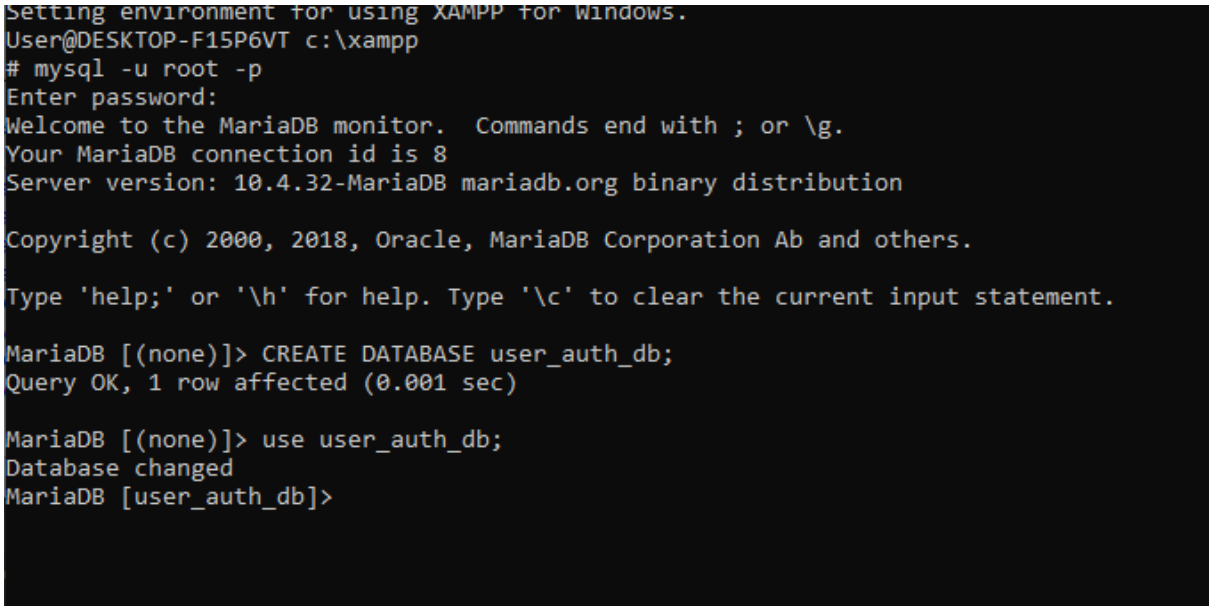
Here is the function for retrieval getting id



Tested 1 user retrieval



Tested all users



I created database