

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
```

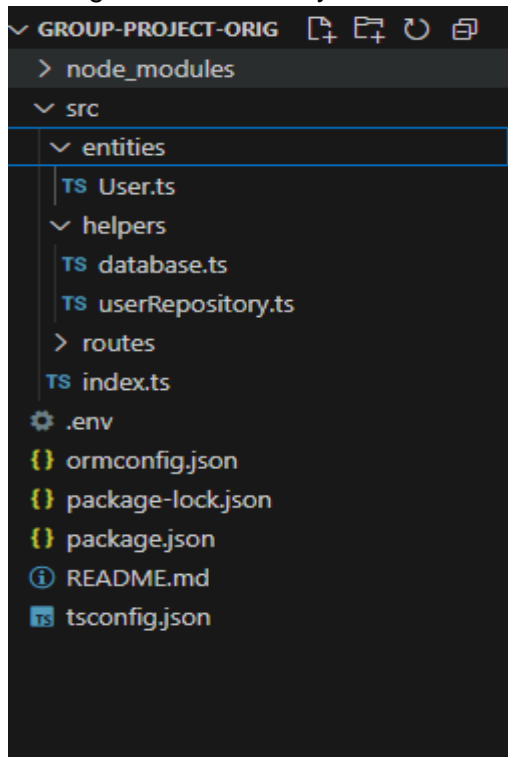
Im now using my own branch

```
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





Johnlouiee commented yesterday

Owner



...

hey







Johnlouiee added 5 commits yesterday

 Creation users



580ef72

None yet

 Update creation only



dfd8729

Projects

 Merge branch 'main' of <https://github.com/Johnlouiee/group-project> in...



6d78605

None yet

 Creation for users



73fd8c6

Milestone

 Updatedd creation

a51a524

No milest

 Johnlouiee merged commit a51a524 into main

3 hours ago



Pull request successfully merged and closed

You're all set — the [purisima-user-creation](#) branch can be safely deleted.

Delete branch

 Add a comment

You're rec

```

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

 Johnlouiee Merge pull request #4 from Johnlouiee/singco-user-deletion dbffe2a · 7 minutes ago 10 Commits		
 node_modules	Updateddd creation	5 hours ago
 src	delete funtion	17 minutes ago
 .env	Updateddd creation	5 hours ago
 README.md	Initial commit	yesterday
 ormconfig.json	Updateddd creation	5 hours ago
 package-lock.json	Updateddd creation	5 hours ago
 package.json	Updateddd creation	5 hours ago
 tsconfig.json	Updateddd creation	5 hours ago

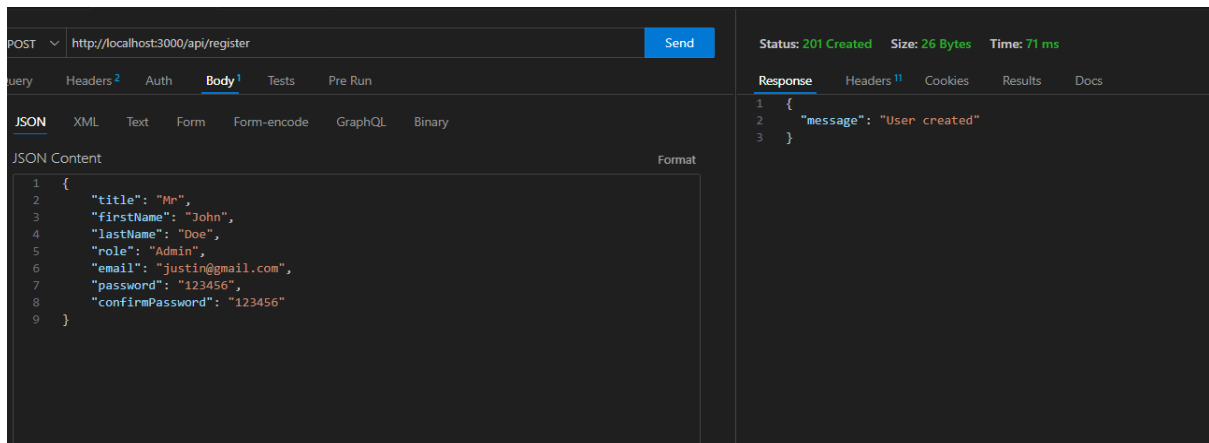
The creation is now merged in the main

```

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

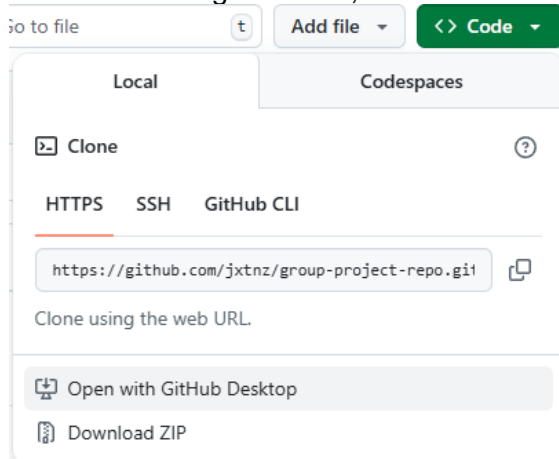


I tested to create users

DELETION

Assign as User-deletion

Started with adding a branch, so started with cloning the leaders/main repository



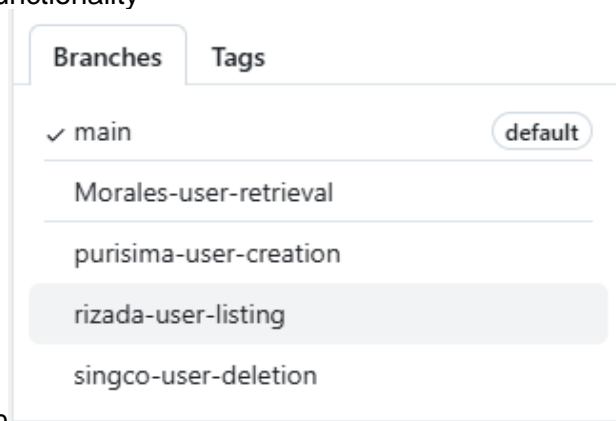
Copied the code and cloned it to my vs code, opened Integrated Terminal, and typed this:

Git init

Git checkout -b singco-user-deletion

Git add .

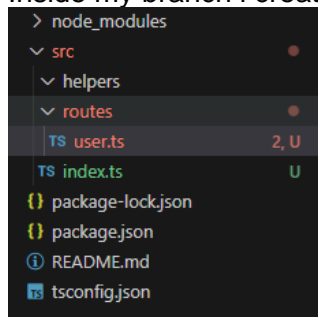
Git commit -m "Add user deletion functionality"



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 export;

```

```

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

```

PS C:\Users\User\OneDrive\Desktop\group-project> git checkout main
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

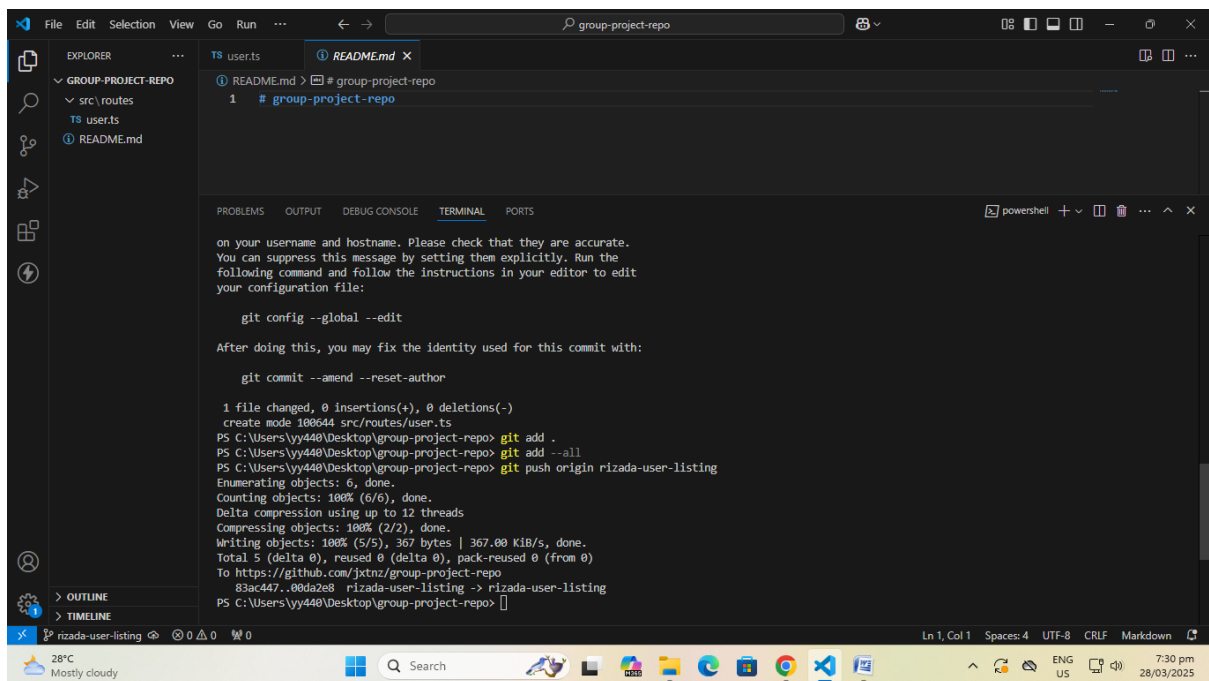
```

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

Query	Headers ²	Auth	Body ¹	Tests	Pre Run	Status: 200 OK	Size: 26 Bytes	Time: 31 ms
DELETE http://localhost:3000/api/user/justin@gmail.com						Response Headers ¹¹ Cookies Results Docs		
JSON Content <pre> 1 { 2 "title": "Mr", 3 "firstName": "John", 4 "lastName": "Doe", 5 "role": "Admin", 6 "email": "justin@gmail.com", 7 "password": "123456", 8 "confirmPassword": "123456" 9 } </pre>						<pre> 1 { 2 "message": "User deleted" 3 } </pre>		

I tested in the deleted

LISTING



The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer pane on the left shows the project structure: GROUP-PROJECT-REPO, src/routes, TS users, and README.md. The terminal window displays the following output:

```
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

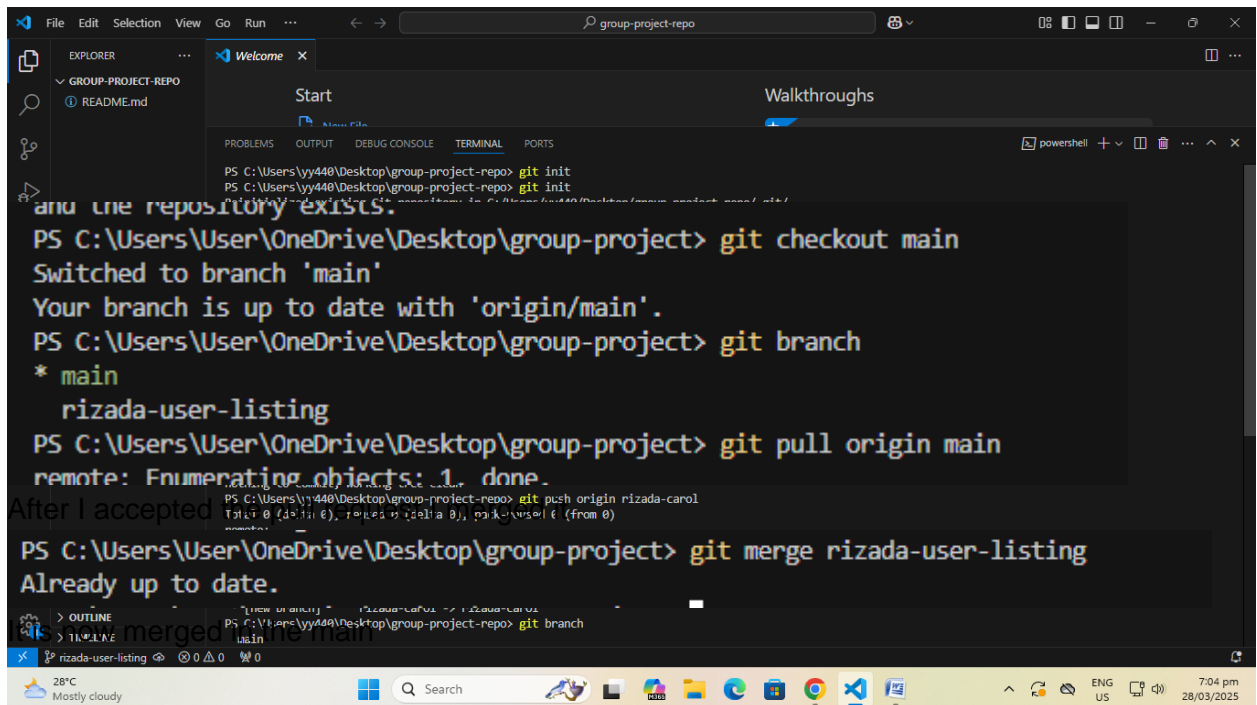
git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 src/routes/user.ts
PS C:\Users\yy440\Desktop\group-project-repo> git add .
PS C:\Users\yy440\Desktop\group-project-repo> git add --all
PS C:\Users\yy440\Desktop\group-project-repo> git push origin rizada-user-listing
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 367 bytes | 367.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/jxtnz/group-project-repo
83ac447..00da2e8 rizada-user-listing -> rizada-user-listing
PS C:\Users\yy440\Desktop\group-project-repo>
```

I clone the main



The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer pane on the left shows the project structure: GROUP-PROJECT-REPO, README.md, and a new branch 'main'. The terminal window displays the following output:

```
PS C:\Users\yy440\Desktop\group-project-repo> git init
PS C:\Users\yy440\Desktop\group-project-repo> git init
and the repository exists.
PS C:\Users\User\OneDrive\Desktop\group-project> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\User\OneDrive\Desktop\group-project> git branch
* main
rizada-user-listing
PS C:\Users\User\OneDrive\Desktop\group-project> git pull origin main
remote: Enumerating objects: 1, done.
PS C:\Users\yy440\Desktop\group-project-repo> git push origin rizada-carol
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
After I accepted
PS C:\Users\User\OneDrive\Desktop\group-project> git merge rizada-user-listing
Already up to date.
PS C:\Users\yy440\Desktop\group-project-repo> git branch
main
```

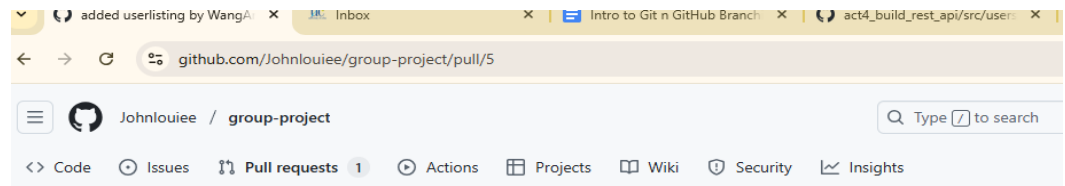
The image shows a VS Code editor with a project named 'group-project-3'. The Explorer sidebar on the left shows the file structure, including 'src' > 'routes' > 'users.ts'. The main editor displays the content of 'users.ts', which includes a 'deleteUserHandler' and a 'listUsersHandler'. The 'listUsersHandler' is an asynchronous function that calls 'listUsers()' and returns a JSON response of users without passwords. The terminal at the bottom shows the output of a 'git push' command, indicating a successful push to the 'rizada-user-listing' branch.

```
src > routes > TS users.ts > [0] getUserHandler
61 const deleteUserHandler: RequestHandler = async (req, res): Promise<void> => {
  // console.error("Error deleting user:", error);
  res.status(500).json({ message: "Error deleting user" });
}
80 };
81
82 // List all users
83 const listUsersHandler: RequestHandler = async (_req, res): Promise<void> => {
84   try {
85     const users = await listUsers();
86     const usersWithoutPasswords = users.map(({ password, ...user }) => user);
87     res.json(usersWithoutPasswords);
88   } catch (error) {
89     console.error("Error listing users:", error);
90     res.status(500).json({ message: "Error listing users" });
91   }
92 };
93
94 router.post("/register", registerHandler);
95 router.get("/user/:email", getUserHandler);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

2 files changed, 20 insertions(+), 2 deletions(-)
PS C:\Users\HP\Desktop\group-project-3> git push origin rizada-user-listing
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 2 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 883 bytes | 220.00 KiB/s, done.
Total 7 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/Johnlouiee/group-project
4d1a8fc..b47bbef rizada-user-listing -> rizada-user-listing

Added listing function



added userlisting #5

[Open](#) WangAme21 wants to merge 1 commit into `main` from `rizada-user-listing`

Conversation 0 Commits 1 Checks 0 Files changed 2

WangAme21 commented 18 minutes ago Collaborator

added user listing



added userlisting

b4

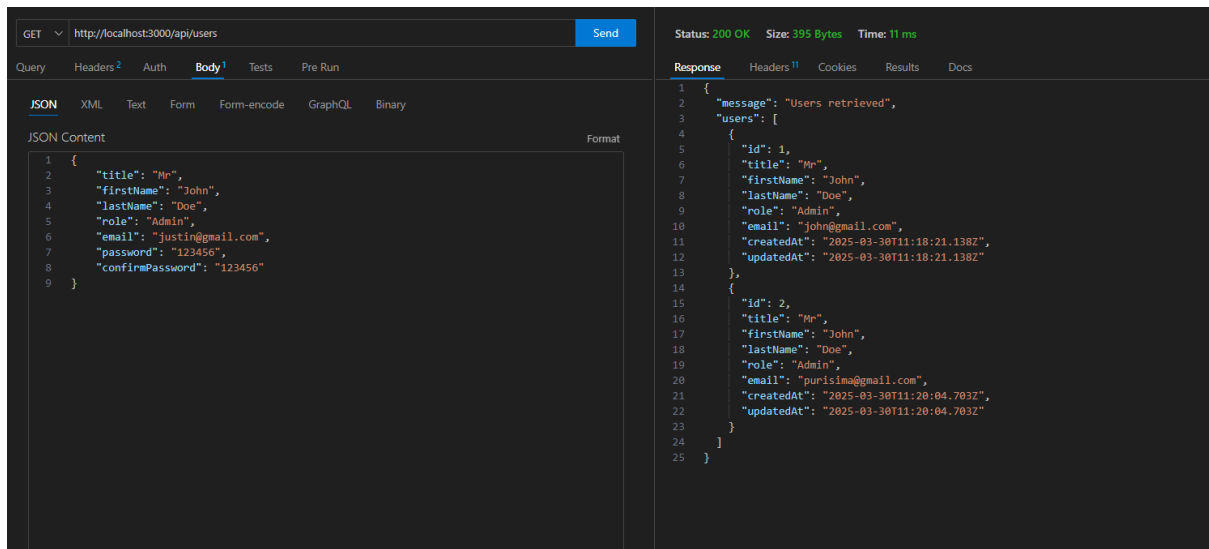


No conflicts with base branch
Merging can be performed automatically.

[Merge pull request](#)

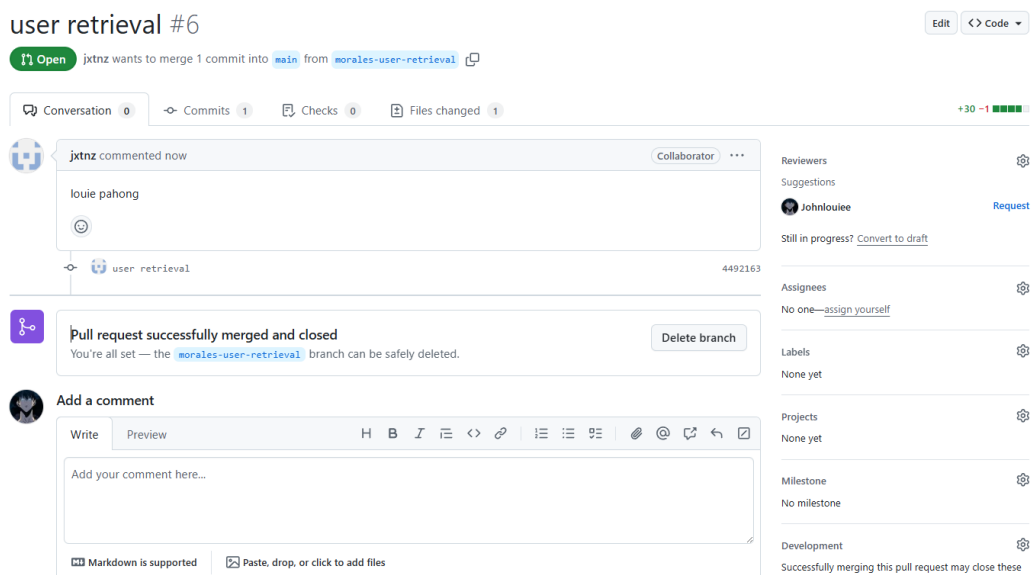
You can also merge this with the command line. [View command line instructions.](#)

I pull request

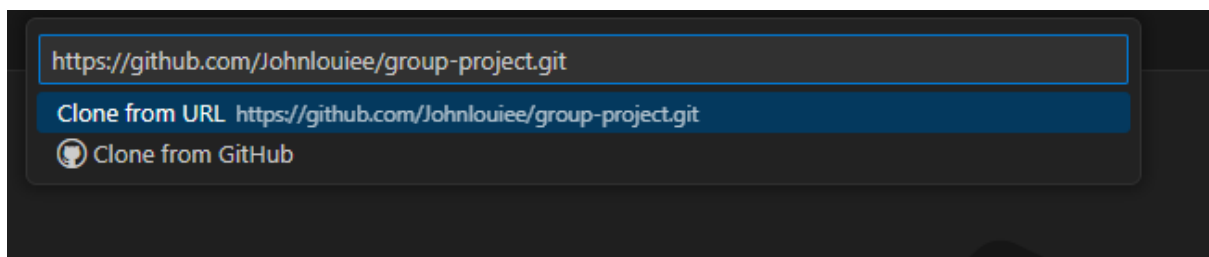


Tested to get users

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

```

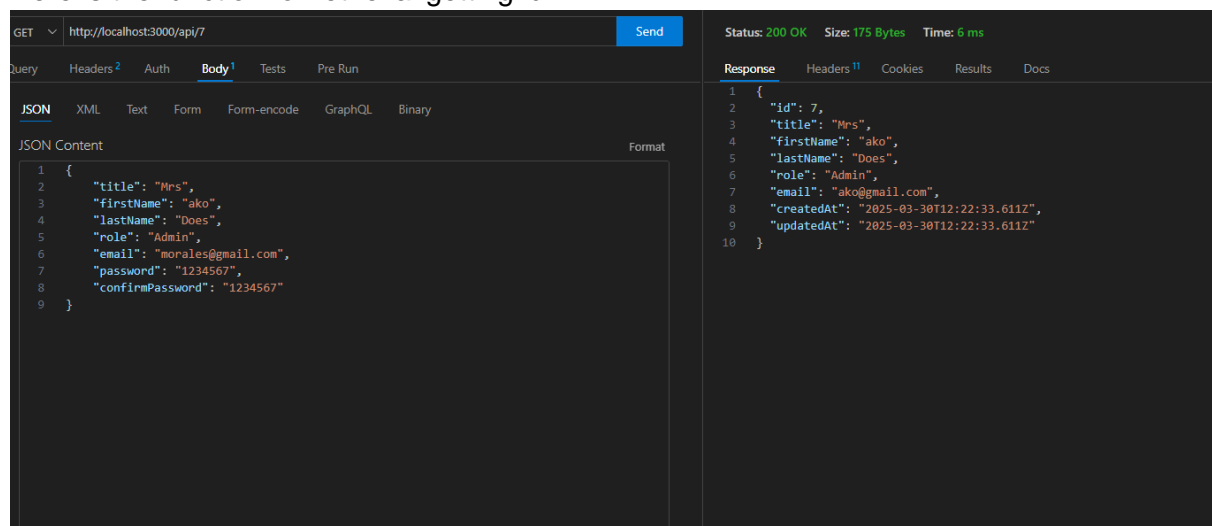
I check the branches

```

91 // Get User by ID
92 router.get("/:id", async (req: Request, res: Response) => {
93   try {
94     const { id } = req.params;
95     const user = await findById(Number(id));
96
97     if (!user) {
98       return res.status(404).json({
99         success: false,
100        message: "User not found",
101        data: null
102      });
103    }
104
105    const { password: _, ...userWithoutPassword } = user;
106    return res.status(200).json({
107      success: true,
108      message: "User retrieved successfully",
109      data: userWithoutPassword
110    });
111  } catch (error) {
112    console.error("Error retrieving user:", error);
113    return res.status(500).json({
114      success: false,
115      message: "Error retrieving user",
116      data: null
117    });
118  }
119 });

```

Here is the function for retrieval getting id



The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://localhost:3000/api/7
- Status:** 200 OK
- Size:** 175 Bytes
- Time:** 6 ms
- Response:**

```

1 {
2   "id": 7,
3   "title": "Mrs",
4   "firstName": "ako",
5   "lastName": "Does",
6   "role": "Admin",
7   "email": "ako@gmail.com",
8   "createdAt": "2025-03-30T12:22:33.611Z",
9   "updatedAt": "2025-03-30T12:22:33.611Z"
10 }

```
- JSON Content (Request Body):**

```

1 {
2   "title": "Mrs",
3   "firstName": "ako",
4   "lastName": "Does",
5   "role": "Admin",
6   "email": "morales@gmail.com",
7   "password": "1234567",
8   "confirmPassword": "1234567"
9 }

```

Tested 1 user retrieval

GET http://localhost:3000/api/users Send

Status: 200 OK Size: 357 Bytes Time: 22 ms

Query Headers Auth Body Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content Format

```
1 {
2   "title": "Mrs",
3   "firstName": "ako",
4   "lastName": "Does",
5   "role": "Admin",
6   "email": "morales@gmail.com",
7   "password": "1234567",
8   "confirmPassword": "1234567"
9 }
```

Response Headers Cookies Results Docs

```
1 [
2   {
3     "id": 7,
4     "title": "Mrs",
5     "firstName": "ako",
6     "lastName": "Does",
7     "role": "Admin",
8     "email": "ako@gmail.com",
9     "createdAt": "2025-03-30T12:22:33.611Z",
10    "updatedAt": "2025-03-30T12:22:33.611Z"
11  },
12  {
13    "id": 8,
14    "title": "Mrs",
15    "firstName": "ako",
16    "lastName": "Does",
17    "role": "Admin",
18    "email": "morales@gmail.com",
19    "createdAt": "2025-03-30T12:26:20.815Z",
20    "updatedAt": "2025-03-30T12:26:20.815Z"
21  }
22 ]
```

Tested all users

```
Setting environment for using XAMPP for Windows.
User@DESKTOP-F15P6VT c:\xampp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> CREATE DATABASE user_auth_db;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use user_auth_db;
Database changed
MariaDB [user_auth_db]>
```

I created database