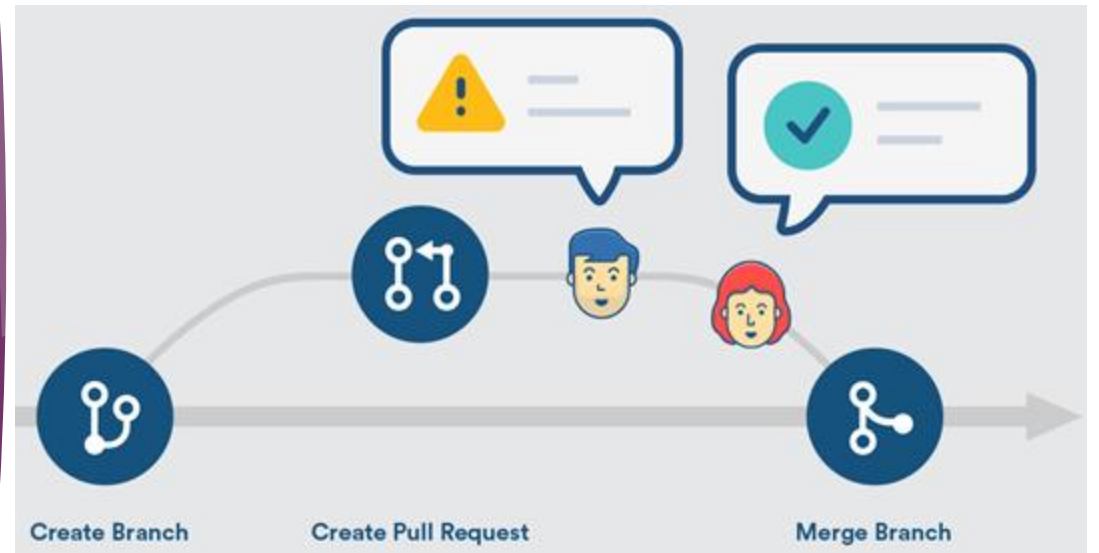




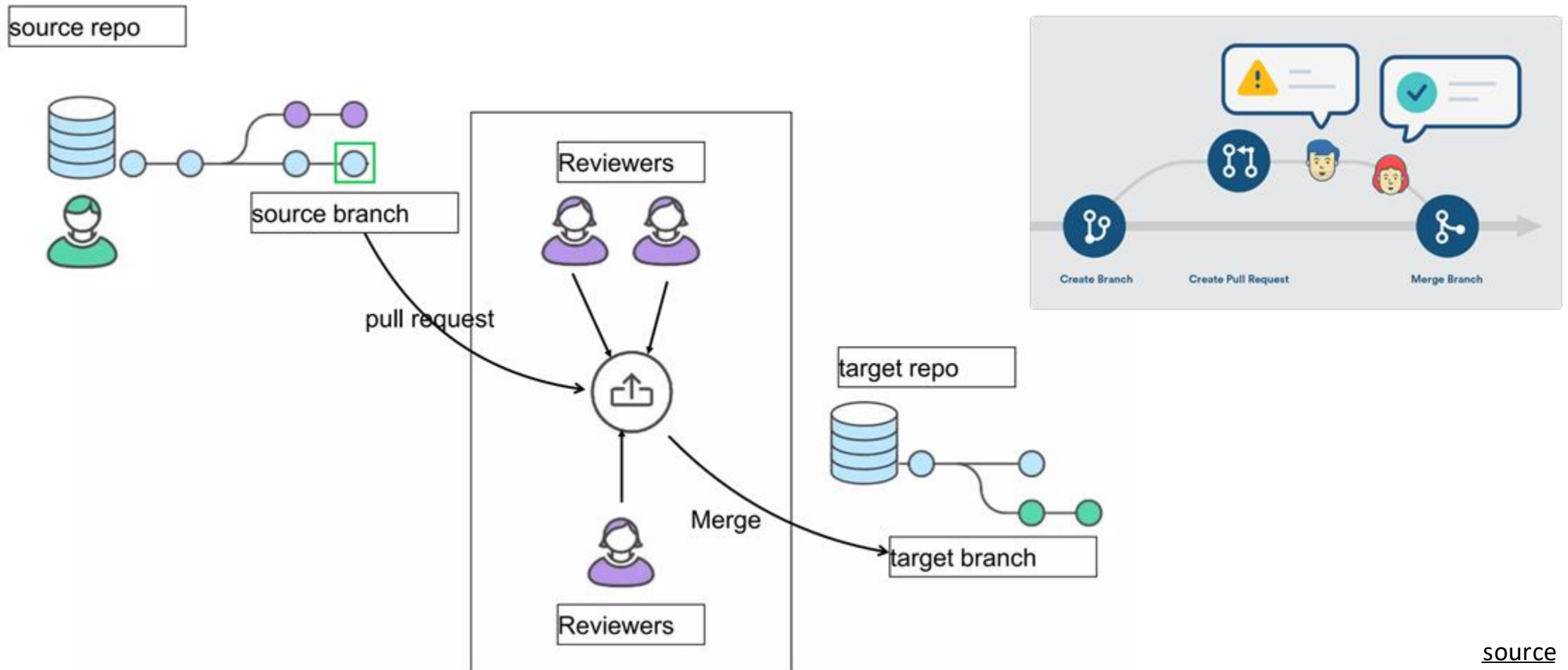
Pull Request and Code Review Workflow

ATOOSA NASIRI

Pull Request & Code Review



Pull Request Overview



Pull Request Process

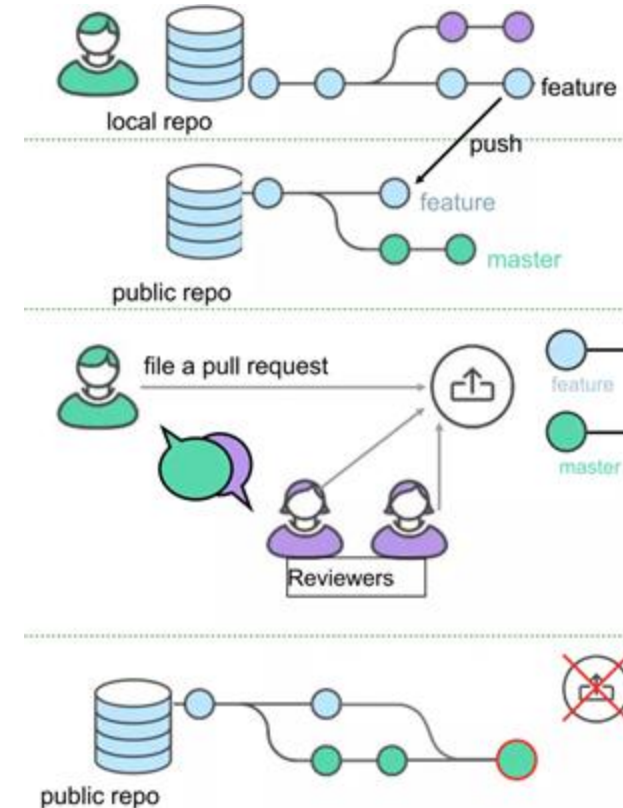
A developer creates the feature in a dedicated branch in their local repo.

The developer pushes the branch to a remote

The developer files a pull request via GitHub.

The reviewer(s) review the code, discuss, and give feedback

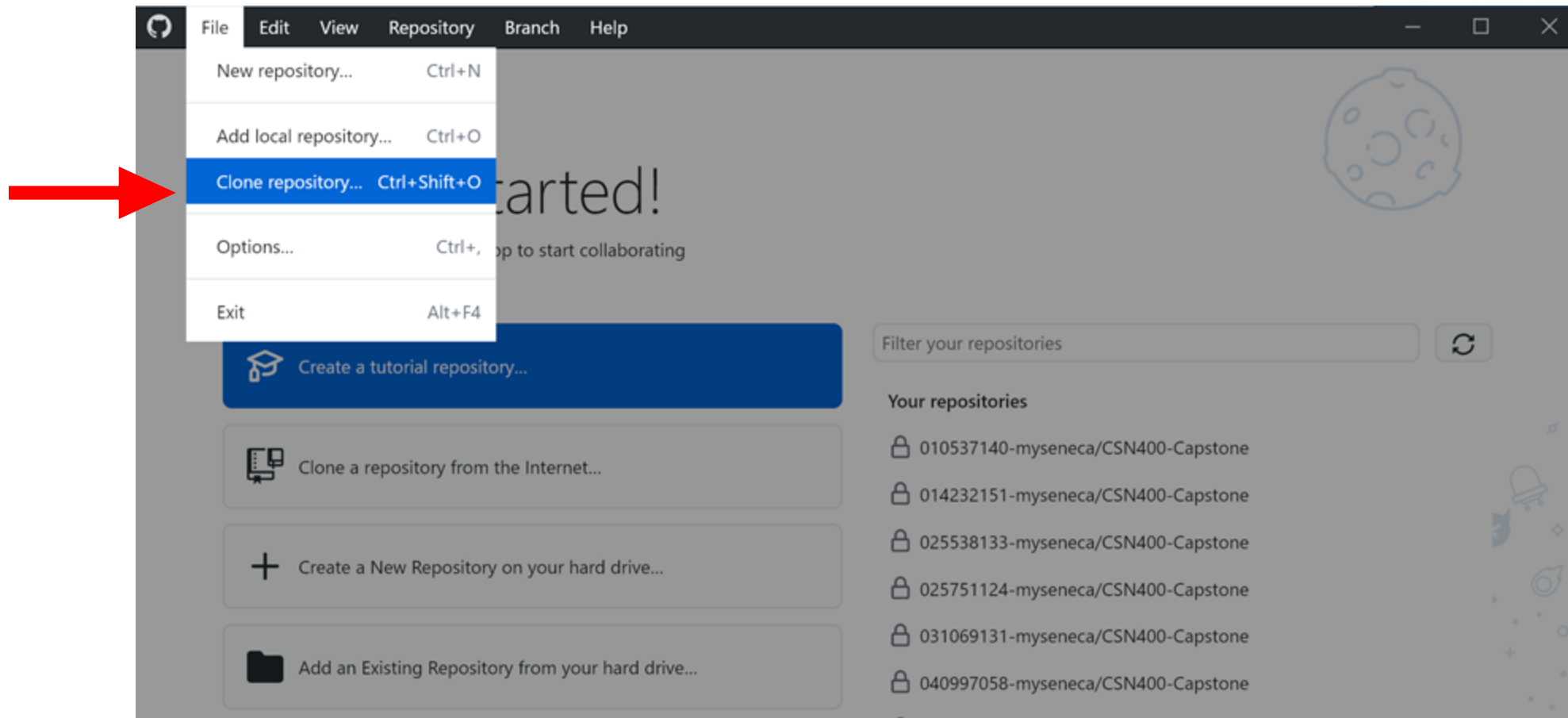
The project maintainer merges the feature into the official repository and closes the pull request.



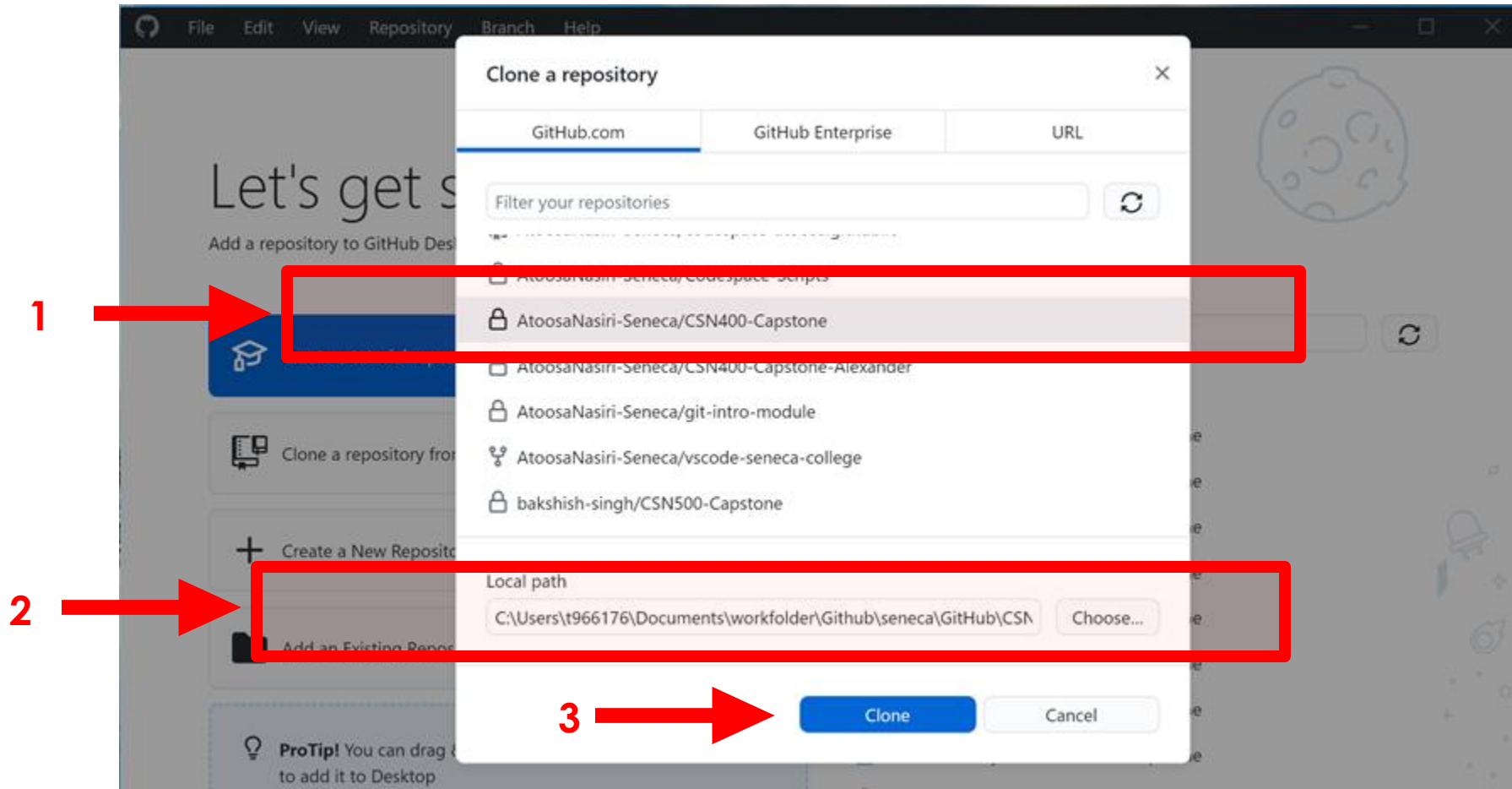
Code Review Workflow Steps

1. Prepare your local branch
2. Work on your **CL** (code change list) on the local branch
3. Commit your CL to the local repo
4. Push your CL to the remote repo
5. Create a pull request for your CL
6. Get code reviews from your team members and improve your CL
7. Iterate 2, 3, 4, 5, 6 until you get LGTM (*Looks Good to Me*)
8. Merge your branch with the base one (master)

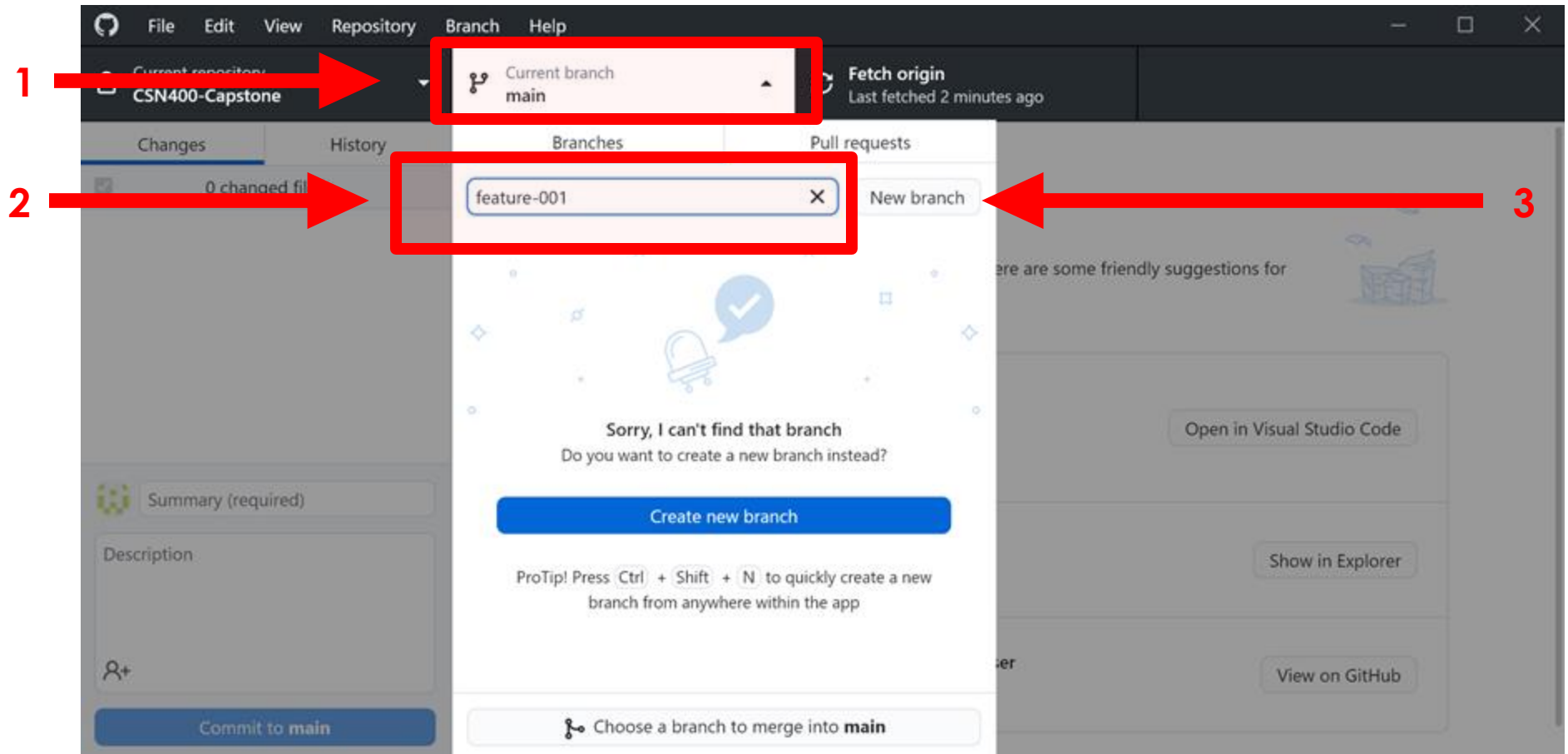
Step 1: Prepare Your Local Branch



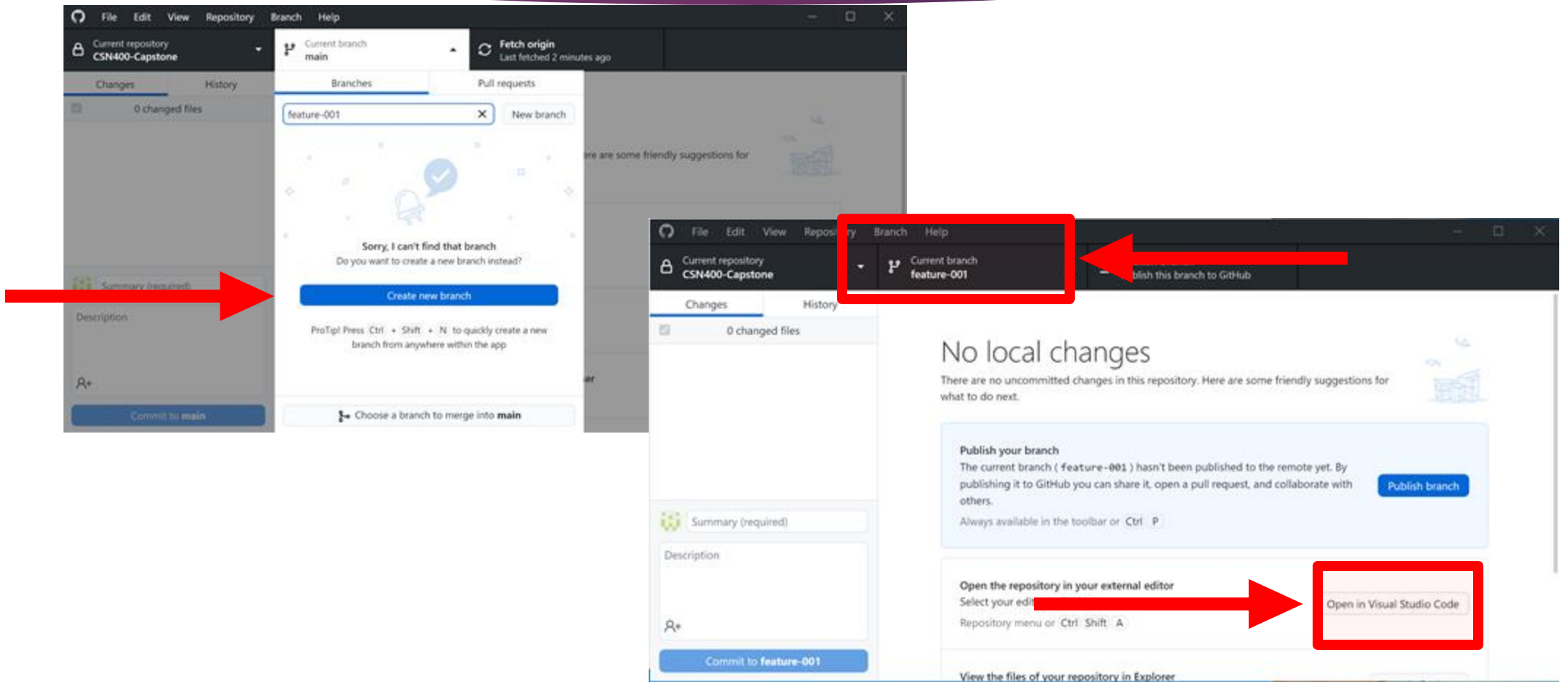
Step 1: Prepare Your Local Branch



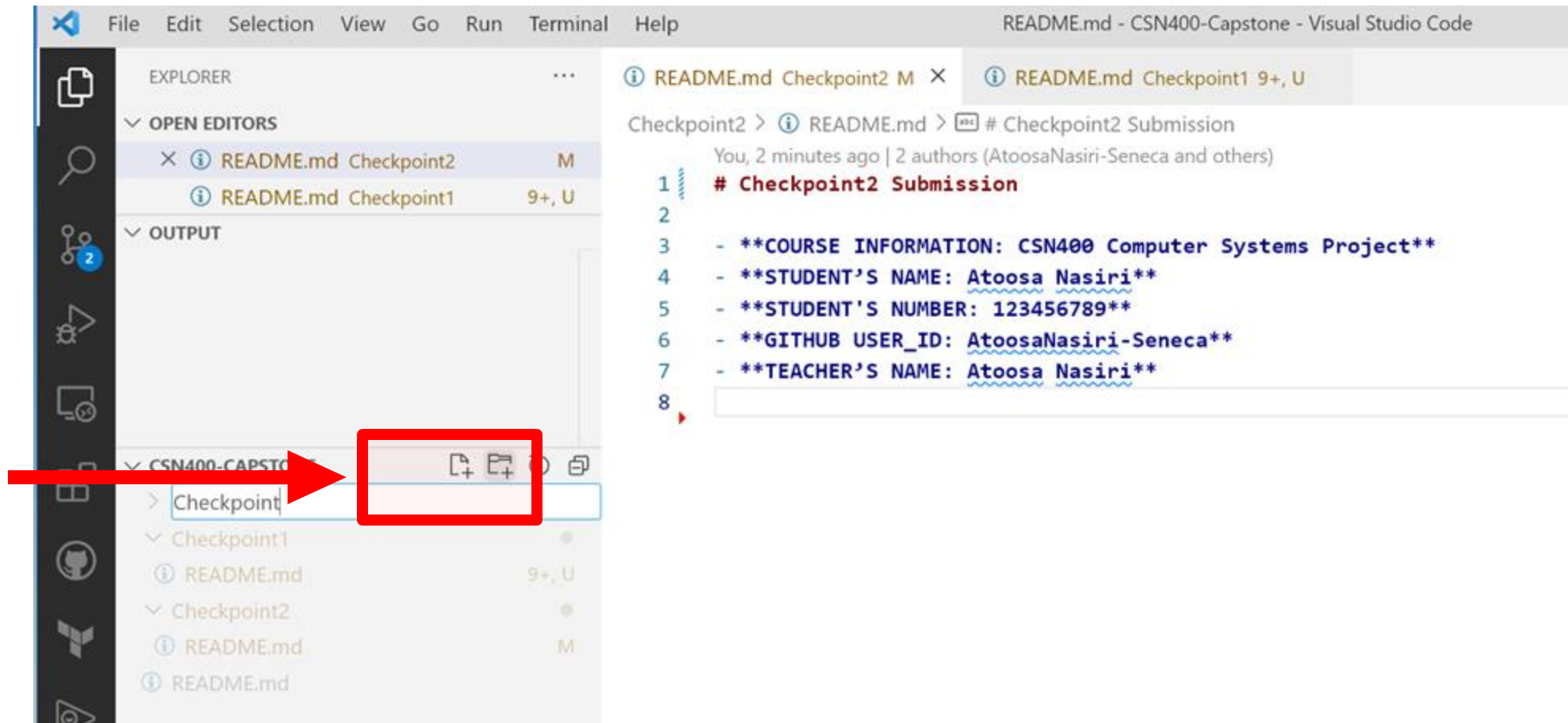
Step1: Prepare Your Local Branch



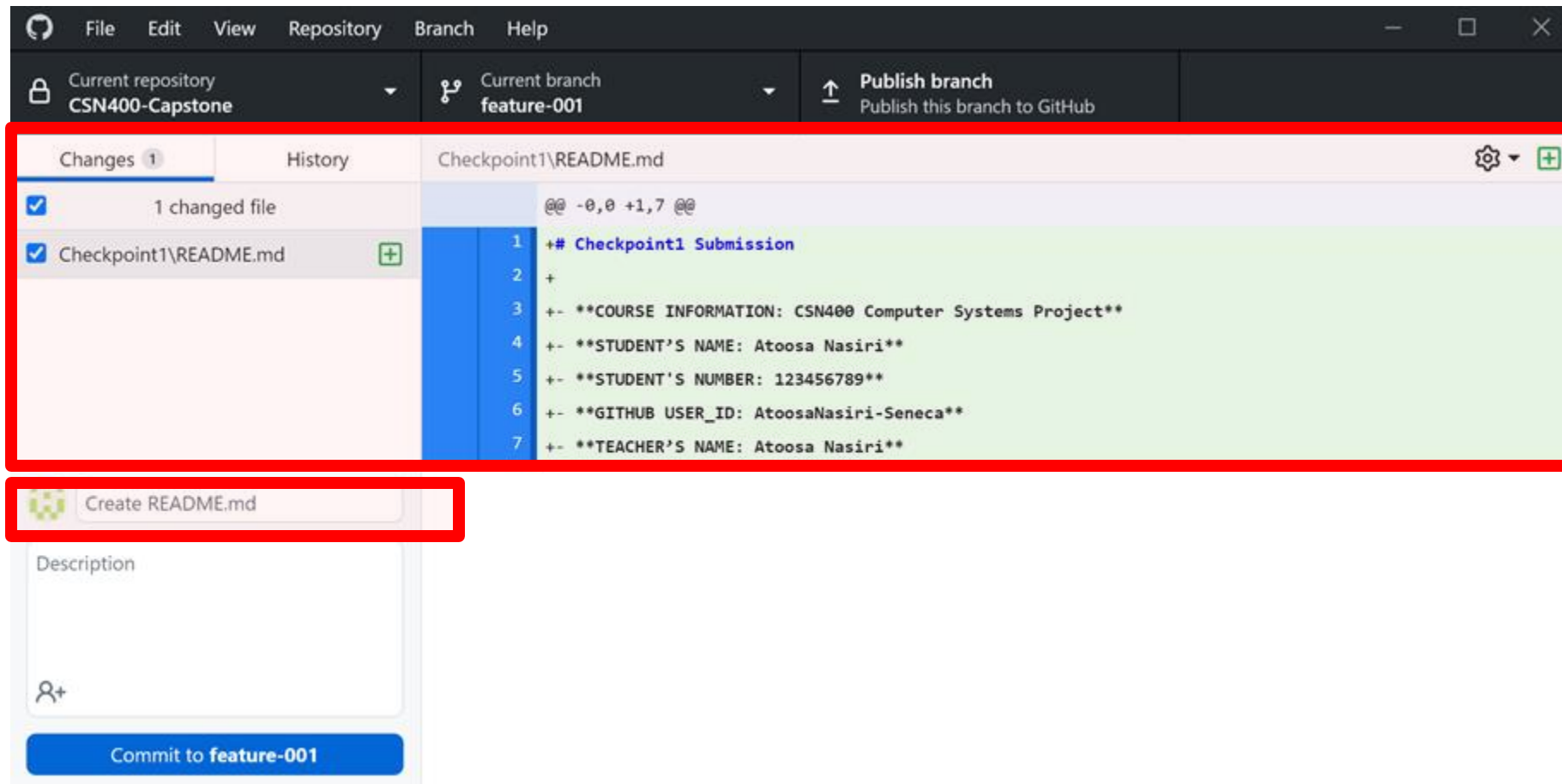
Step 1: Prepare Your Local Branch



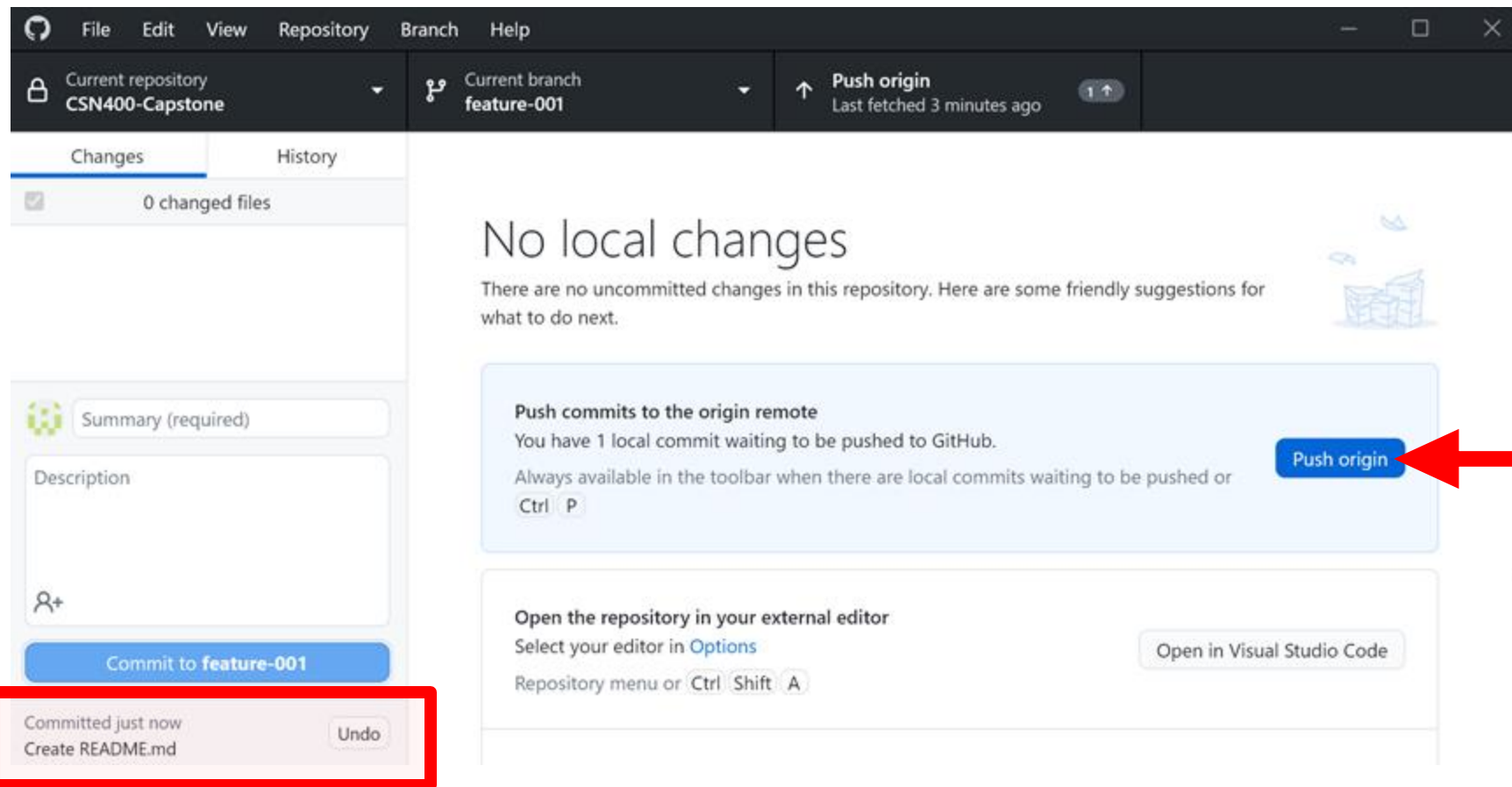
Step2 . Work on you Code Change List



Step3:Commit Changes to Local Repo



Step4: Push Changes to Remote Repo



Step4: Push Changes to Remote Repo

The screenshot shows the GitHub interface for the repository 'AtoosaNasiri-Seneca / CSN400-Capstone'. The repository is marked as 'Private'. The navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. A yellow banner at the top indicates that the 'feature-001' branch has recent pushes. A red arrow points to the 'Compare & pull request' button in this banner. Below the banner, the branch selection area shows 'main' as the selected branch, with '2 branches' and '0 tags' also visible. A red arrow points to the 'main' branch dropdown. Below this, a message states 'Your main branch isn't protected' with a 'Protect this branch' button. The commit history shows three entries: 'AtoosaNasiri-Seneca Create README.md' (27 minutes ago, 2 commits), 'Checkpoint2 Create README.md' (27 minutes ago), and 'README.md Initial commit' (29 minutes ago). The README content for 'CSN400-Capstone' is partially visible at the bottom.

AtoosaNasiri-Seneca / CSN400-Capstone Private

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

feature-001 had recent pushes less than a minute ago Compare & pull request

main 2 branches 0 tags Go to file Add file <> Code

Your main branch isn't protected Protect this branch

AtoosaNasiri-Seneca Create README.md dea6806 27 minutes ago 2 commits

File	Commit	Time
Checkpoint2	Create README.md	27 minutes ago
README.md	Initial commit	29 minutes ago

README.md

CSN400-Capstone

Step5: Create a Pull Request

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base: main ← compare: feature-001 ✓ Able to merge. These branches can be automatically merged.

Adds Checkpoint1 README.md

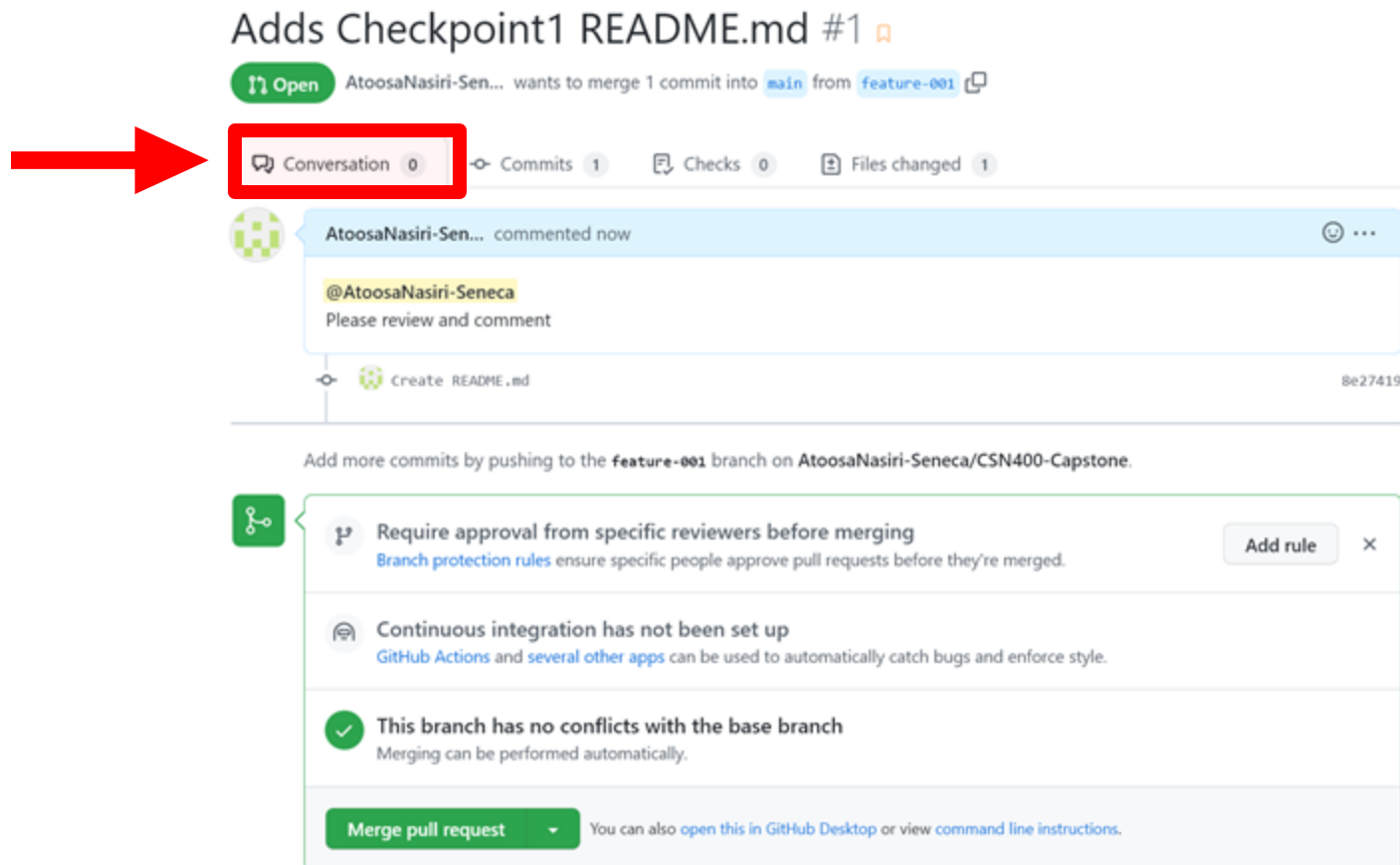
Write Preview

@AtoosaNasiri-Seneca
Please review and comment

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

Step6: Get code reviews from team



The screenshot displays a GitHub pull request titled "Adds Checkpoint1 README.md #1". A red arrow points to the "Conversation 0" tab, which is highlighted with a red box. Below the tab, a comment from "AtoosaNasiri-Seneca" is visible, stating "Please review and comment". The pull request details show it was created by "AtoosaNasiri-Seneca" and includes a commit "Create README.md" with hash "8e27419". At the bottom, a green box contains branch protection rules: "Require approval from specific reviewers before merging", "Continuous integration has not been set up", and "This branch has no conflicts with the base branch". A "Merge pull request" button is at the bottom.

Adds Checkpoint1 README.md #1

[Open](#) AtoosaNasiri-Seneca wants to merge 1 commit into `main` from `feature-001`

Conversation 0 Commits 1 Checks 0 Files changed 1

AtoosaNasiri-Seneca commented now

@AtoosaNasiri-Seneca
Please review and comment

Create README.md 8e27419

Add more commits by pushing to the `feature-001` branch on AtoosaNasiri-Seneca/CSN400-Capstone.

- Require approval from specific reviewers before merging
Branch protection rules ensure specific people approve pull requests before they're merged.
- Continuous integration has not been set up
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.
- ✓ This branch has no conflicts with the base branch
Merging can be performed automatically.

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

Step6: Get code reviews from team

Adds Checkpoint1 README.md #1

[Edit](#)[Code](#)[Open](#)

AtoosaNasiri-Sen... wants to merge 1 commit into `main` from `feature-001`



3

[Commits](#)

1

[Checks](#)

0

[Files changed](#)

1

+7 -0



Commits on Jan 21, 2023

Create README.md



AtoosaNasiri-Seneca committed 10 minutes ago

[8e27419](#)

Step6: Get code reviews from team

Adds Checkpoint1 README.md #1

[Edit](#)[Code](#)

AtoosaNasiri-Sen... wants to merge 1 commit into `main` from `feature-001`



Conversation 0

Commits 1



Files changed 1

+7 -0

Changes from all commits File filter Conversations Jump to

0 / 1 files viewed



Review changes

7 Checkpoint1/README.md



View full

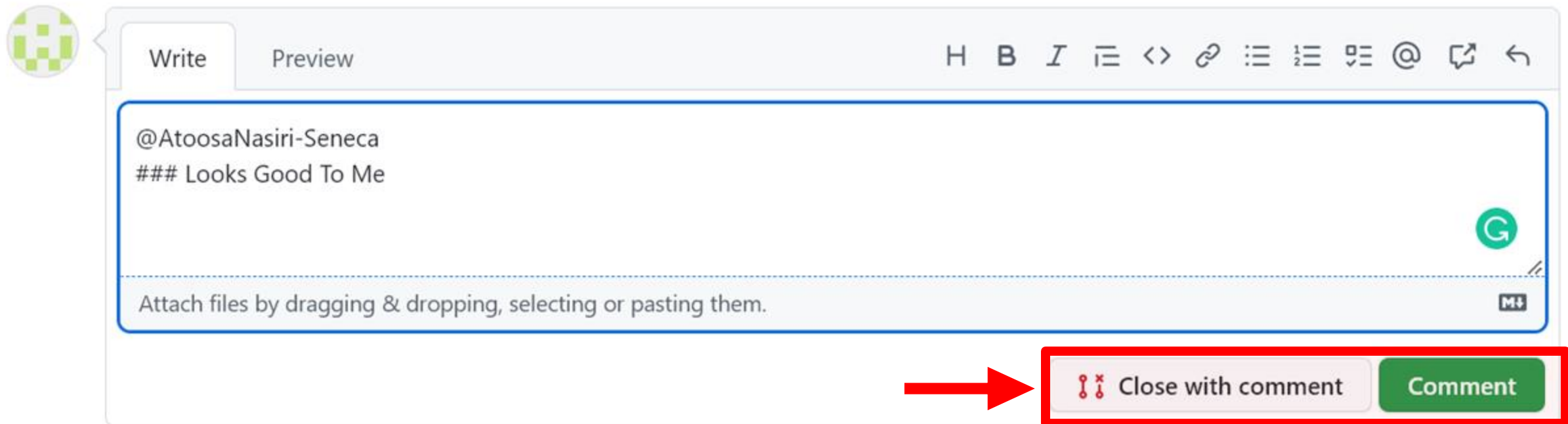
Viewed



@@ -0,0 +1,7 @@

```
1 + # Checkpoint1 Submission
2 +
3 + - **COURSE INFORMATION: CSN400 Computer Systems Project**
4 + - **STUDENT'S NAME: Atoosa Nasiri**
5 + - **STUDENT'S NUMBER: 123456789**
6 + - **GITHUB USER_ID: AtoosaNasiri-Seneca**
7 + - **TEACHER'S NAME: Atoosa Nasiri**
```

Step7: Iterate until you get LGTM



The screenshot shows a GitHub comment interface. At the top left is a circular profile picture with a green and white checkered pattern. Below it, the text "@AtoosaNasiri-Seneca" and "### Looks Good To Me" are visible. The interface has two tabs: "Write" (active) and "Preview". To the right of the tabs is a rich text editor toolbar with icons for bold (H), italic (B), underline (I), list (≡), code (<>), link (chain), unlink (chain with X), quote (≡), and mention (@). Below the text input area is a dashed line and a placeholder text "Attach files by dragging & dropping, selecting or pasting them." with a small "M" icon. At the bottom right, there are two buttons: "Close with comment" (with a red icon) and "Comment" (green). A red arrow points to the "Close with comment" button, which is also highlighted by a red rectangular box.

Write Preview

H B I ≡ <> chain ≡ ≡ ≡ @ ↗ ↶

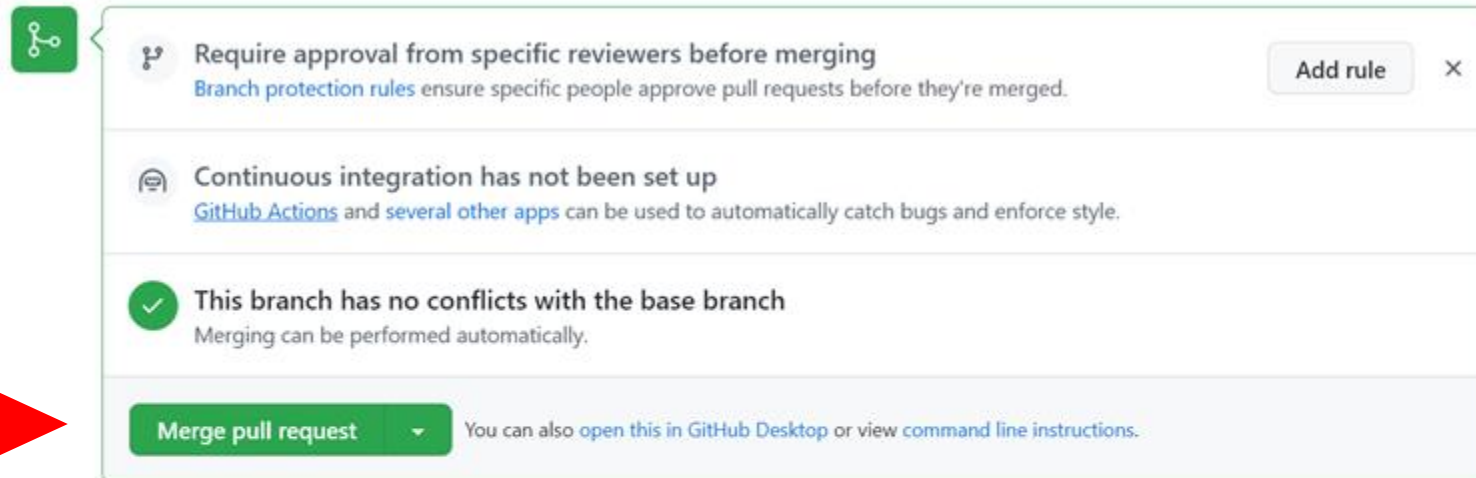
@AtoosaNasiri-Seneca
Looks Good To Me

Attach files by dragging & dropping, selecting or pasting them. M




Close with comment Comment

Step 8: Merge your branch with base

Add more commits by pushing to the **feature-001** branch on AtoosaNasiri-Seneca/CSN400-Capstone.

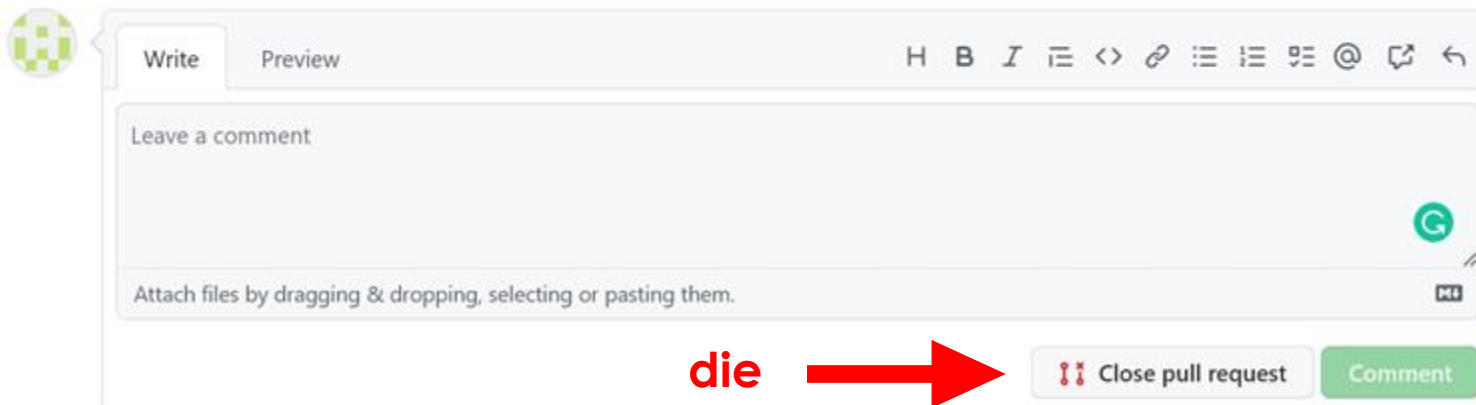


Panel showing branch protection rules and status:

-  **Require approval from specific reviewers before merging**
[Branch protection rules](#) ensure specific people approve pull requests before they're merged. Add rule ×
-  **Continuous integration has not been set up**
[GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.
-  **This branch has no conflicts with the base branch**
Merging can be performed automatically.

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

live →



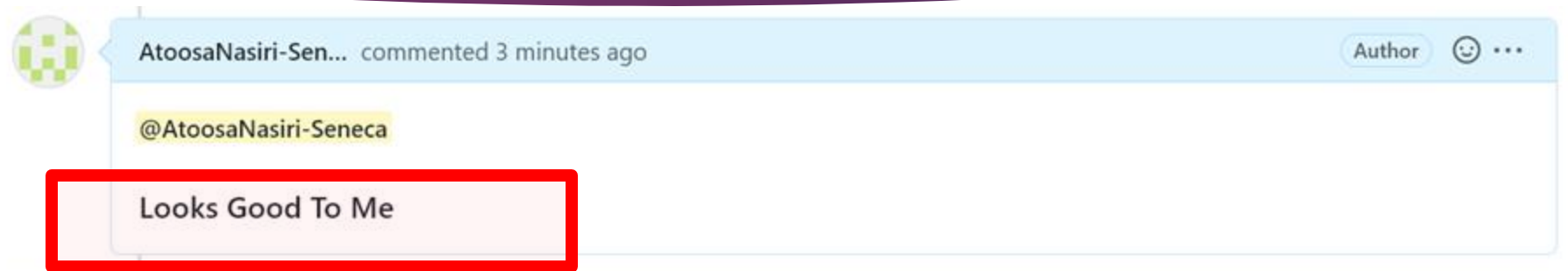
Write | Preview

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

die → Close pull request Comment

Step 8: Merge your branch with base



A screenshot of a GitHub comment interface. At the top, a light blue header bar contains a green and white checkered profile icon, the text "AtoosaNasiri-Sen... commented 3 minutes ago", and an "Author" button with a smiley face and three dots. Below this, the comment text "@AtoosaNasiri-Seneca" is highlighted in yellow. The main comment content, "Looks Good To Me", is enclosed in a red rectangular box.

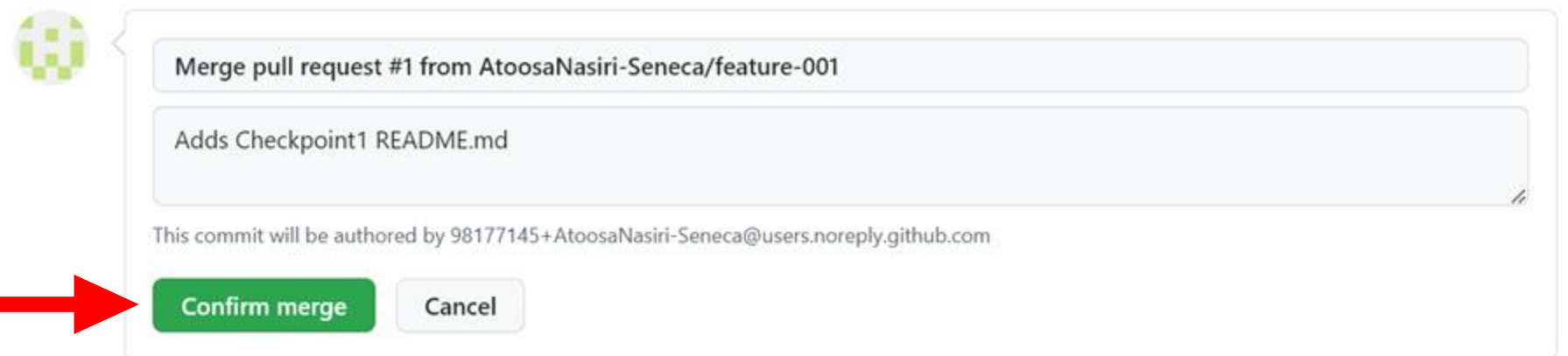
AtoosaNasiri-Sen... commented 3 minutes ago

Author

@AtoosaNasiri-Seneca

Looks Good To Me

Add more commits by pushing to the **feature-001** branch on AtoosaNasiri-Seneca/CSN400-Capstone.



A screenshot of a GitHub merge confirmation dialog. It features a green and white checkered profile icon on the left. The dialog content includes a title bar "Merge pull request #1 from AtoosaNasiri-Seneca/feature-001", a description "Adds Checkpoint1 README.md", and a note "This commit will be authored by 98177145+AtoosaNasiri-Seneca@users.noreply.github.com". At the bottom, there are two buttons: a green "Confirm merge" button and a grey "Cancel" button. A red arrow points to the "Confirm merge" button.

Merge pull request #1 from AtoosaNasiri-Seneca/feature-001

Adds Checkpoint1 README.md

This commit will be authored by 98177145+AtoosaNasiri-Seneca@users.noreply.github.com

Confirm merge Cancel



You completed your
Change List (CL)