Lab: Move Stories from In Progress to Done Using GitHub

Estimated time needed: 10 minutes

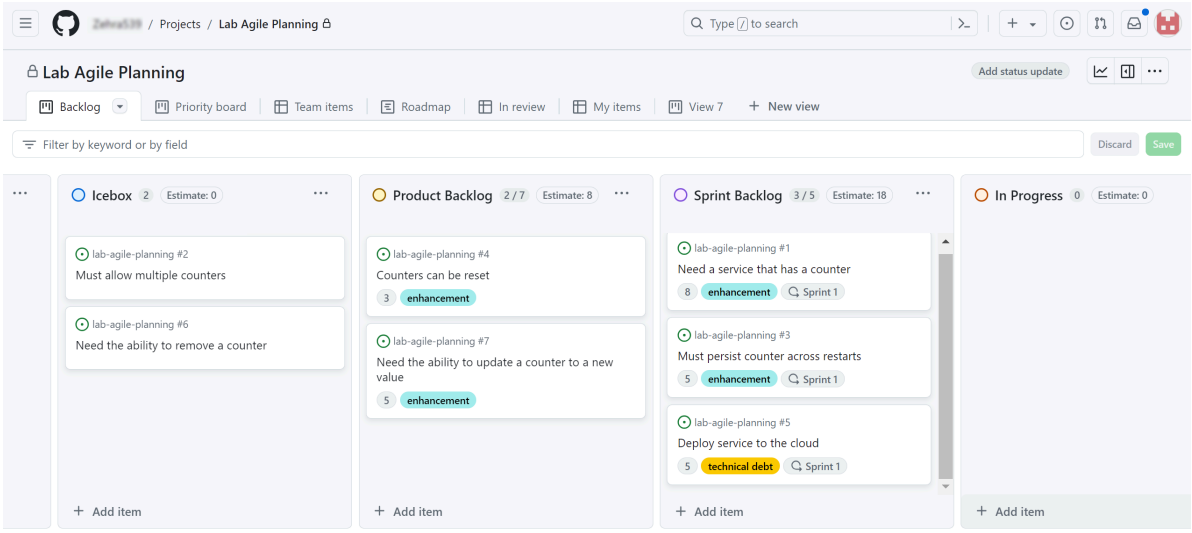
In this lab, you will follow the daily workflow of moving stories from the sprint backlog to the In Progress column, assigning them to yourself to work on them, moving them to Review/QA, and moving them to the Done column.

After completing this lab, you will be able to:

1. Assign stories to yourself
2. Move stories to **In Progress** to work on them
3. Move stories to **Review/QA** for team review
4. Move stories to **Done** once they are completed

Initial State

After completing the sprint planning lab, your Kanban board should look like this:



New Issues:

- None

Icebox:

- Must allow multiple counters
- Need the ability to remove a counter

Product Backlog:

- Counters can be reset
- Need ability to update a counter to a new value

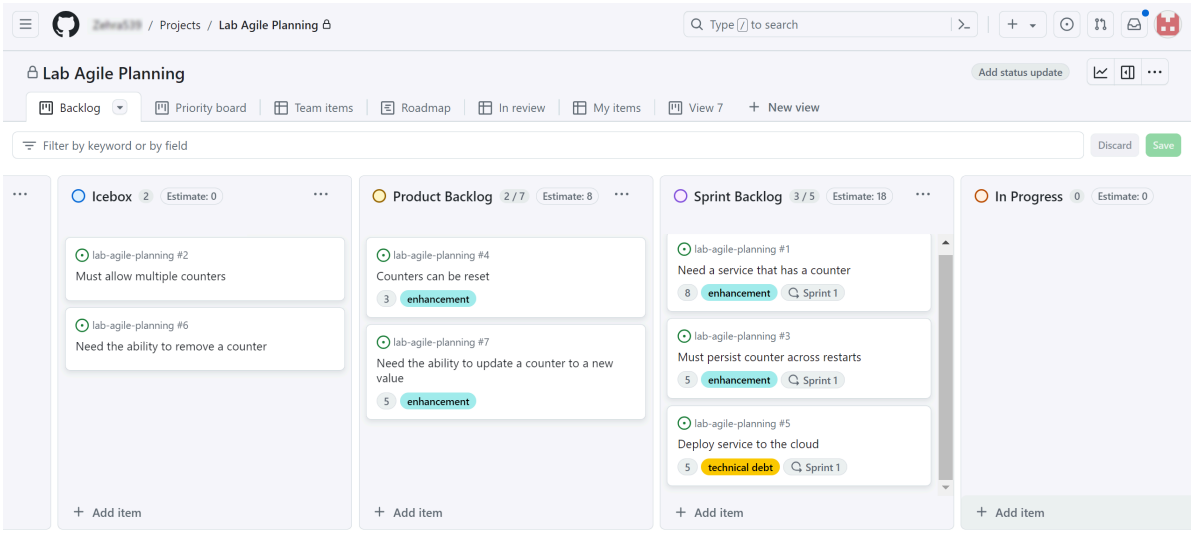
Sprint Backlog:

- Need a service that has a counter
- Must persist counter across restarts
- Deploy service to the cloud

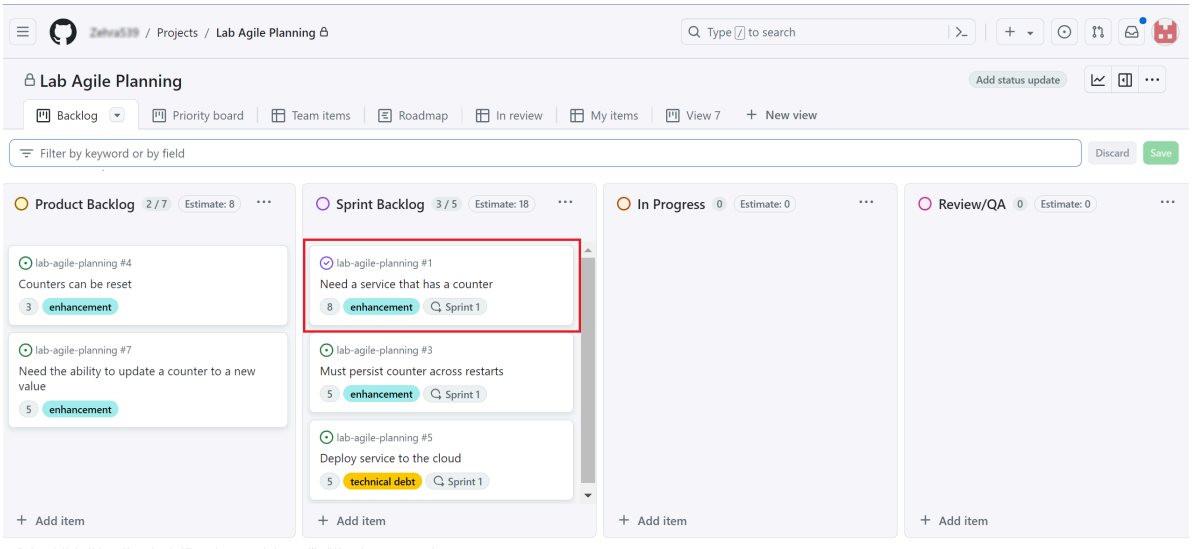
Exercise 1: Daily Workflow

In this exercise, you will simulate the daily workflow of a developer on an Agile team. You will start by moving a story from the top of the **Sprint Backlog** to the **In Progress** column and assign it to yourself. Then, you will simulate completing the story, asking for a review, and finally moving it to done.

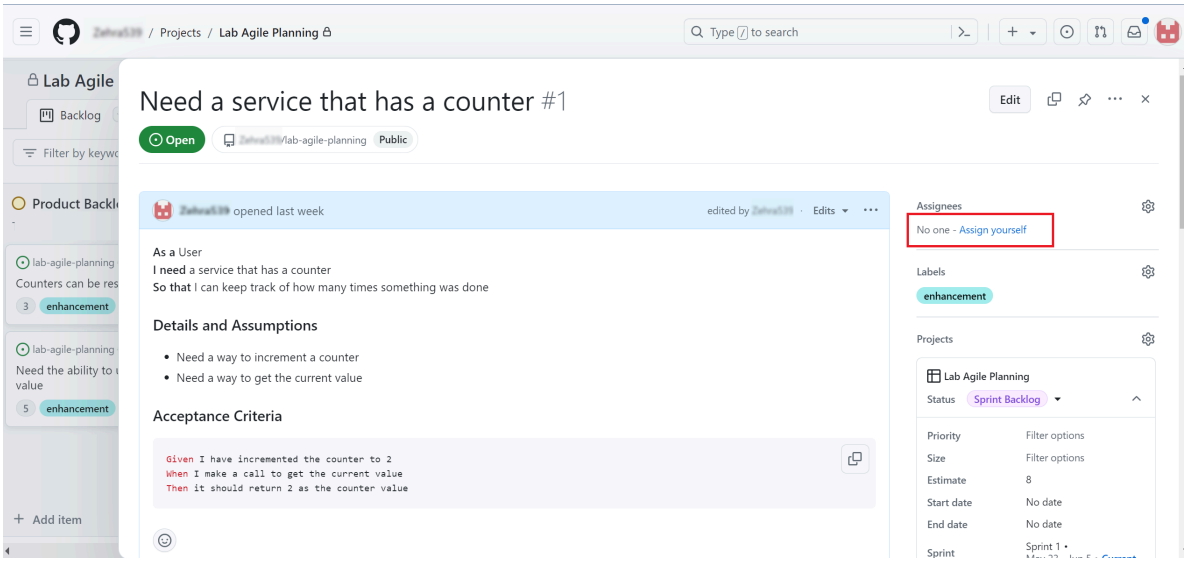
1. Go to GitHub and sign in with your GitHub account and bring up your Kanban board.



2. The sprint has started and you are ready to work on your first story. Select the story at the top of the **Sprint Backlog** to open it and read it.

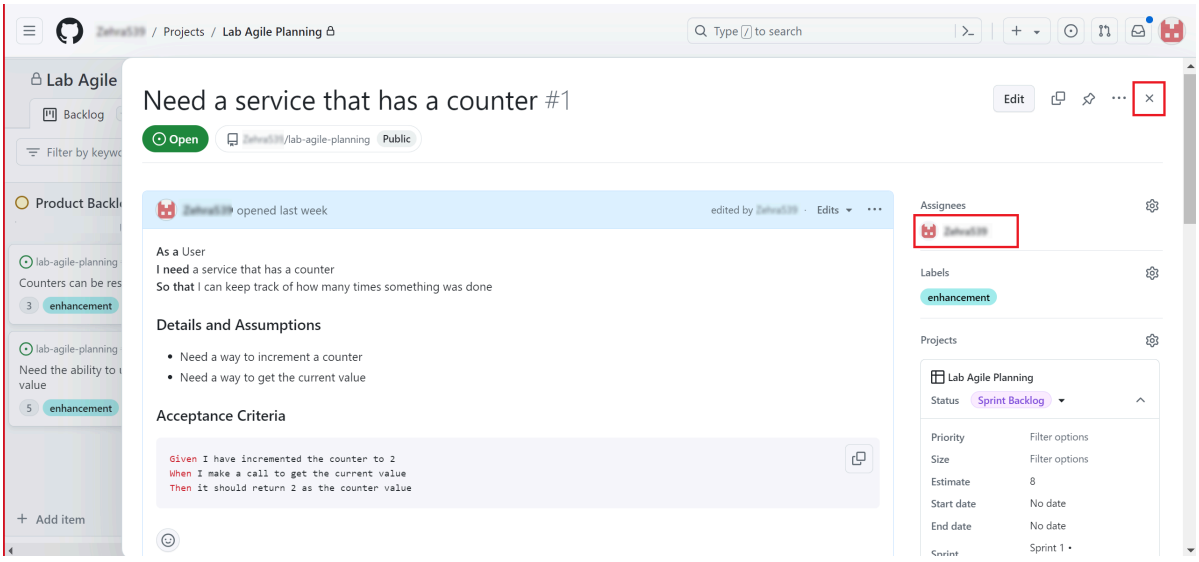


3. After reading it, you decide that this is something you have the skills to work on, so you assign it to yourself by clicking on the `Assign yourself` option.

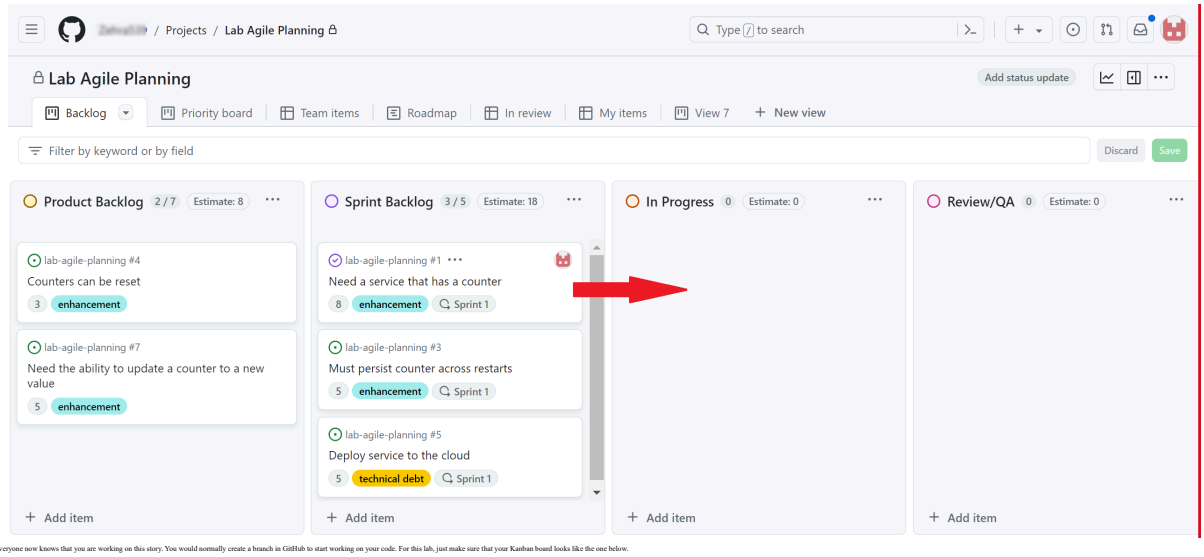


4. Once assigned, click on the **X** button to close the window.

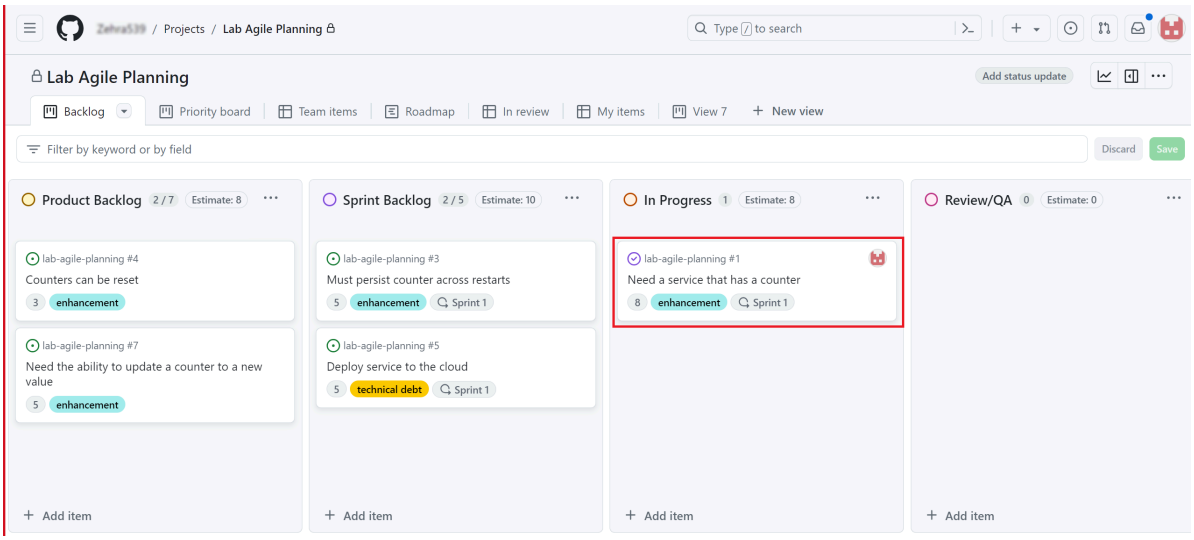
Note: Your profile avatar may look different.



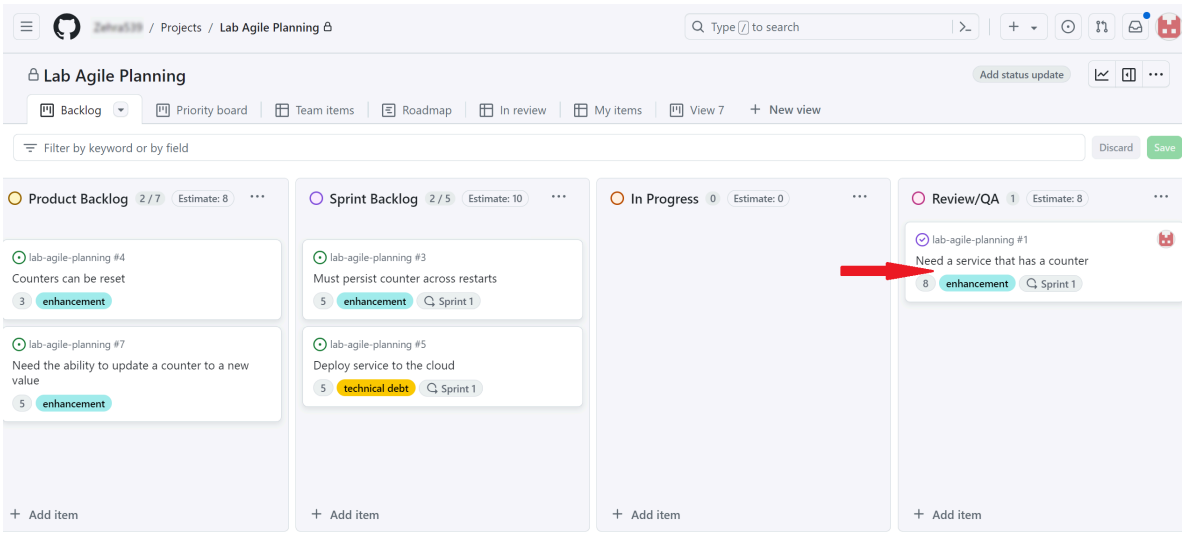
5. Back at the Kanban board, move the story you just assigned to yourself from the **Sprint Backlog** by dragging it to the **In Progress** column.



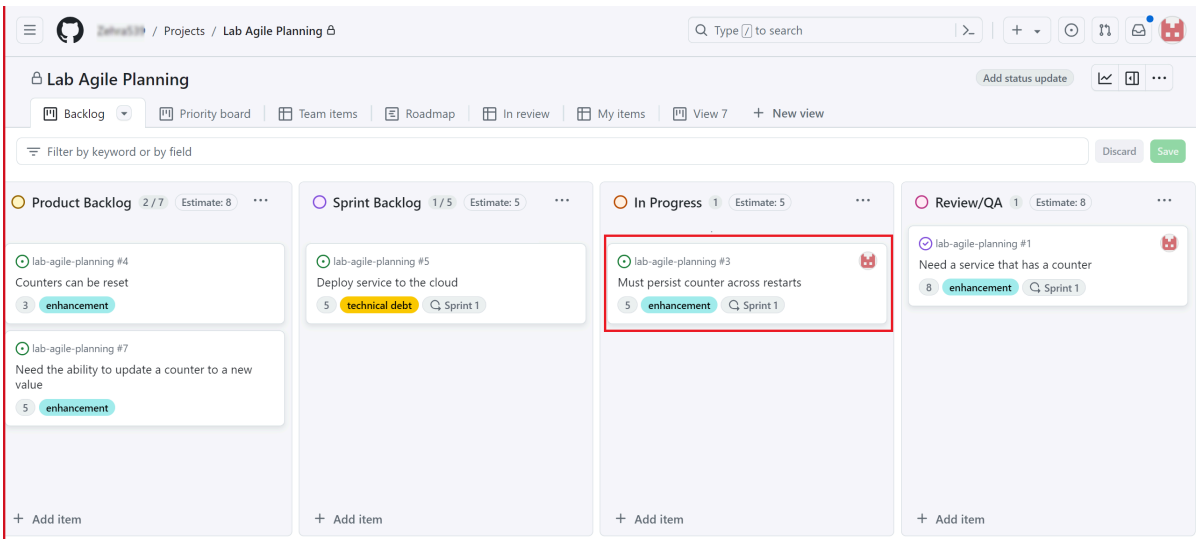
6. Everyone now knows that you are working on this story. You would normally create a branch in GitHub to start working on your code. For this lab, just make sure that your Kanban board looks like the one below.



7. Once you finish working on the story, it's time to request a review. It's always a good idea to get two sets of eyes on all work products. If you checked code into GitHub, this is the step where you would make a pull request to merge your code into the `main` branch. Move your story from **In Progress** to **Review/QA**.

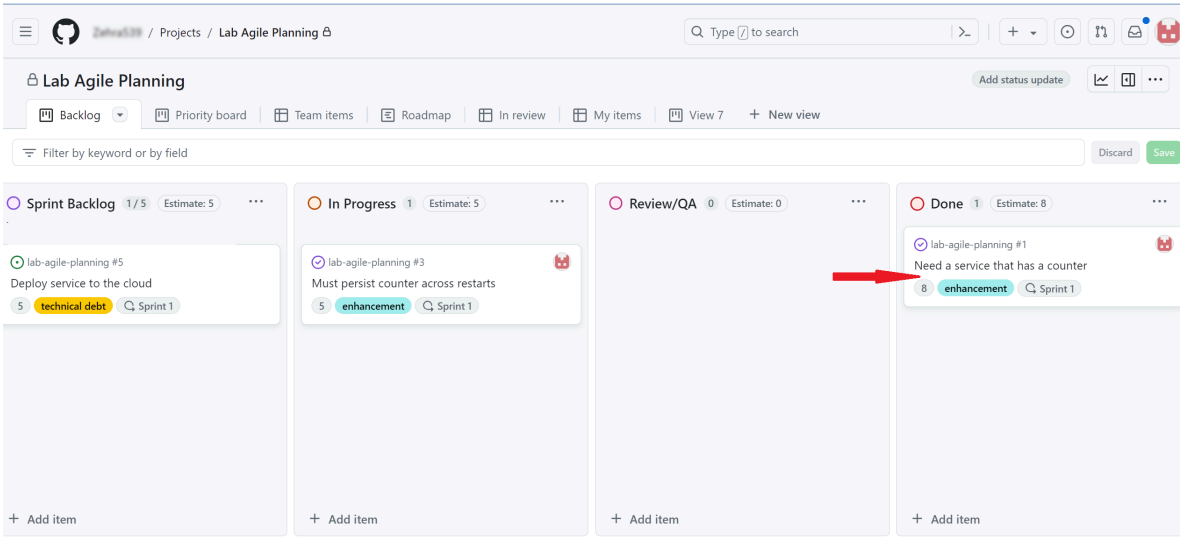


8. While you are waiting for a review, you decide to start working on another story. Take the next story off from the top of the **Sprint Backlog**, read it to make sure that you have the skills to implement it, (*Hint: You do*.) assign it to yourself, and move it to **In Progress**.

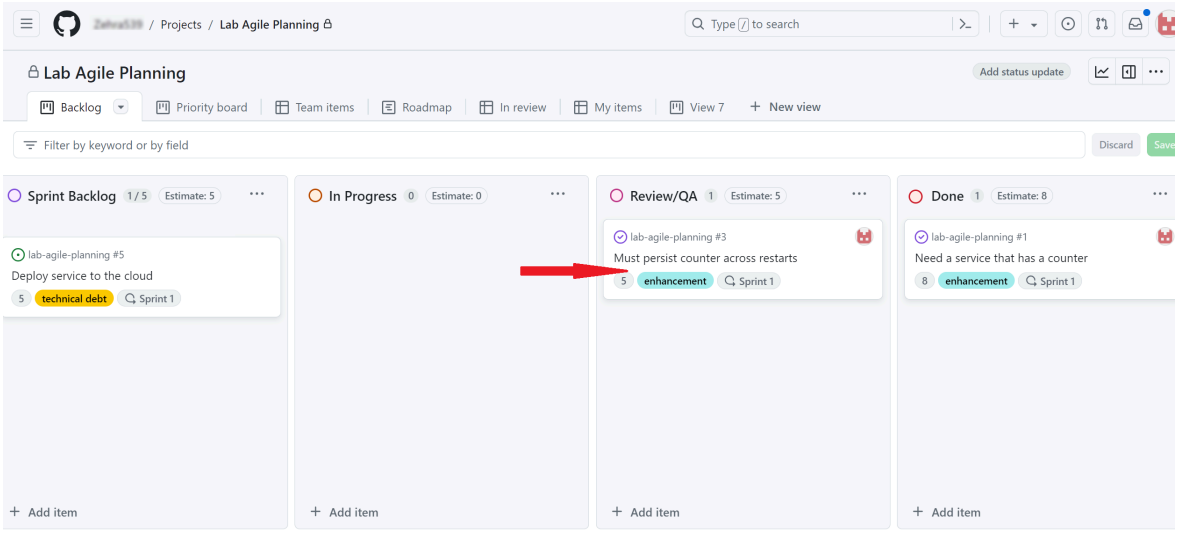


9. Your pull request for the initial story has been approved, and the review process is completed. Please move the **Need a service that has a counter** story from the **Review/QA** column to the **Done** column.

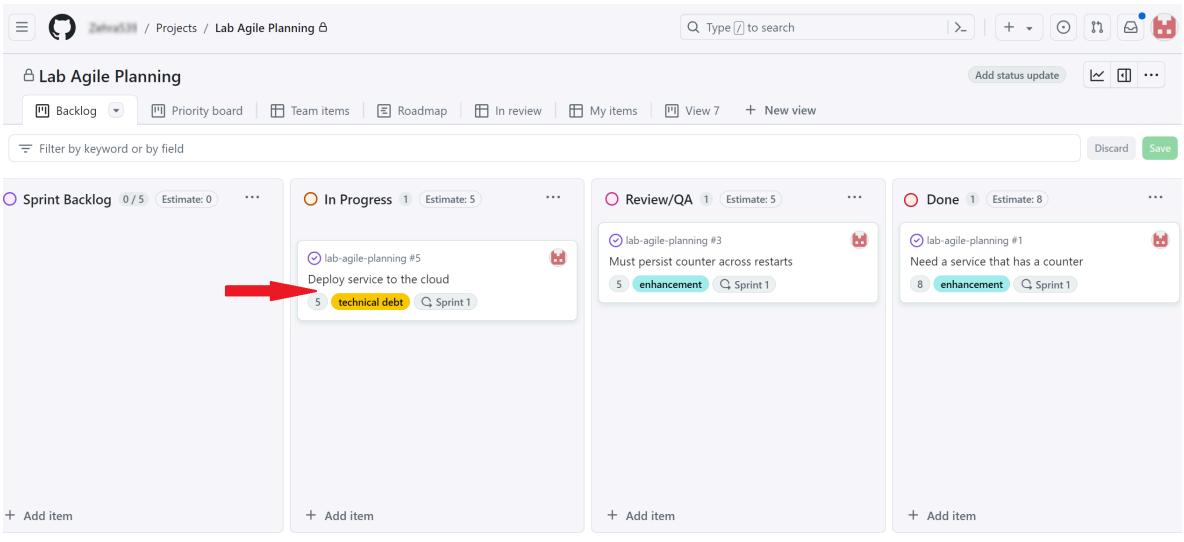
Note: When issues are moved to the Done column, they will be automatically marked as closed, because of GitHub's built-in feature.



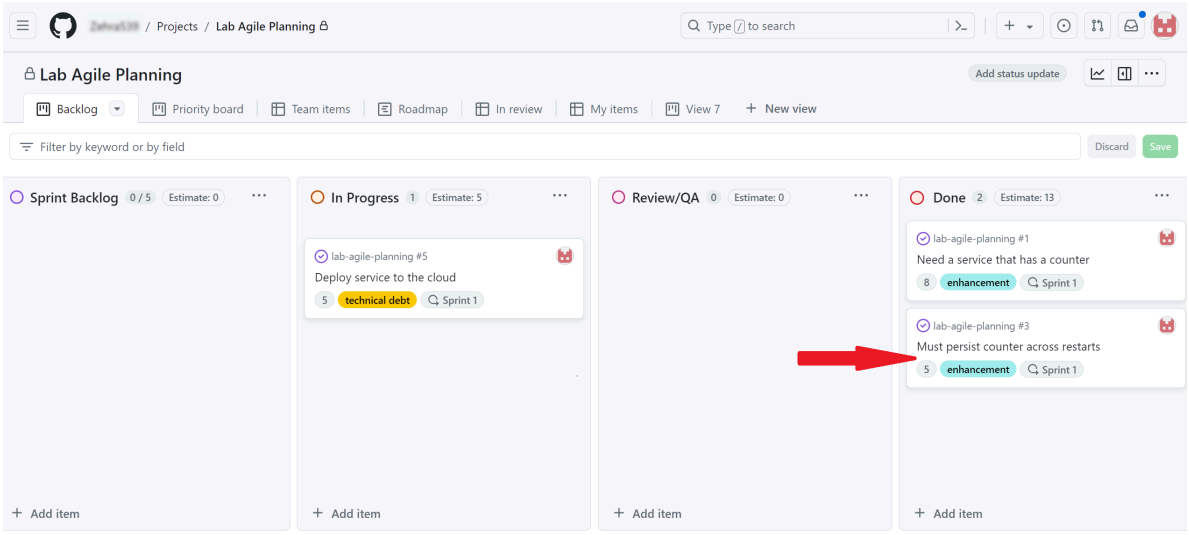
10. You have completed work on your second story and made another pull request. Move the story **Must persist counter across restarts** from **In Progress** column to **Review/QA** column to request a review.



11. Take the last story, **Deploy service to the cloud**, off from the top of the **Sprint Backlog**, assign it to yourself, and move it to **In Progress**.

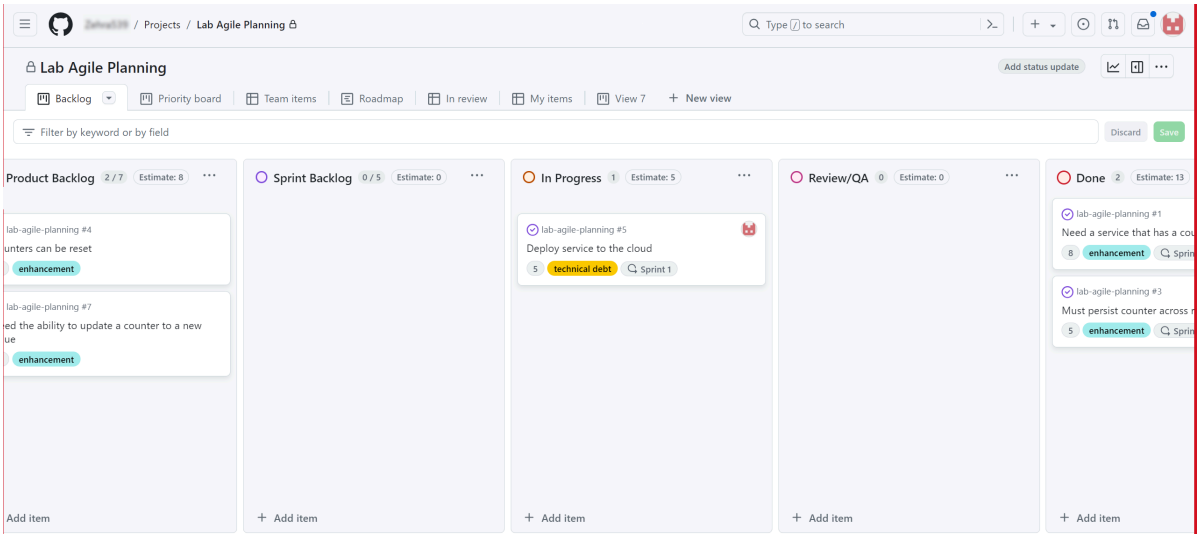


12. The review of your second story is complete. Move the story **Must persist counter across restarts** from **Review/QA** to **Done**.



13. The sprint has ended and we have run out of time to complete our last story, **Deploy service to the cloud**, which is still in progress. We will see how to deal with this in a future lab. Leave it where it is for now.

The finished Kanban board for this lab should look like this:



Summary

You learned how to assign stories to yourself, and move the story to **In Progress** to work on it. You also learned how to move stories to **Review/QA** to request a team review and how to move stories to **Done** once they are completed.

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