

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 from 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:

The screenshot shows a GitHub Kanban board titled "Lab Agile Planning". The board has five columns: "Icebox", "Product Backlog", "Sprint Backlog", "In Progress", and "Done".

- Icebox:** Contains two items: "lab-agile-planning #2" and "lab-agile-planning #6".
- Product Backlog:** Contains three items: "lab-agile-planning #4", "lab-agile-planning #7", and "lab-agile-planning #8".
- Sprint Backlog:** Contains three items: "lab-agile-planning #1", "lab-agile-planning #3", and "lab-agile-planning #5".
- In Progress:** Contains one item: "lab-agile-planning #1".
- Done:** Contains zero items.

Below the board, there is a section for "New Issues" which lists the items in the Icebox and Product Backlog. There are also sections for "Icebox", "Product Backlog", and "Sprint Backlog" with their respective descriptions.

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.

This screenshot is identical to the one above, showing the initial state of the sprint with the same board structure and item counts.

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.

This screenshot shows the Kanban board after selecting the top item in the Sprint Backlog. The item "lab-agile-planning #1" is highlighted with a red border. The other items in the Sprint Backlog are visible below 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.

ZahraaSH / Projects / Lab Agile Planning

Need a service that has a counter #1

Open Zahrash /lab-agile-planning Public

Product Backlog

Backlog

Filter by keyword

As a User
I need a service that has a counter
So that I can keep track of how many times something was done

Details and Assumptions

- Need a way to increment a counter
- Need a way to get the current value

Acceptance Criteria

Given I have incremented the counter to 2
When I make a call to get the current value
Then it should return 2 as the counter value

+ Add item

Assignees: No one - Assign yourself

Labels: enhancement

Projects: Lab Agile Planning

Status: Sprint Backlog

Priority: Filter options
Size: Filter options
Estimate: 8
Start date: No date
End date: No date
Sprint: Sprint 1

4. Once assigned, click on the X button to close the window.
Note: Your profile avatar may look different.

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Need a service that has a counter #1

Open Zahrash /lab-agile-planning Public

Product Backlog

Backlog

Filter by keyword

As a User
I need a service that has a counter
So that I can keep track of how many times something was done

Details and Assumptions

- Need a way to increment a counter
- Need a way to get the current value

Acceptance Criteria

Given I have incremented the counter to 2
When I make a call to get the current value
Then it should return 2 as the counter value

+ Add item

Assignees: ZahraaSH

Labels: enhancement

Projects: Lab Agile Planning

Status: Sprint Backlog

Priority: Filter options
Size: Filter options
Estimate: 8
Start date: No date
End date: No date
Sprint: Sprint 1

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.

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Lab Agile Planning

Backlog **Priority board** **Team items** **Roadmap** **In review** **My items** **View 7** + New view

Add status update Discard Save

Filter by keyword or by field

Product Backlog 2 / 7 Estimate: 8 ...

Sprint Backlog 3 / 5 Estimate: 18 ...

In Progress 0 Estimate: 0 ...

Review/QA 0 Estimate: 0 ...

As a User
I need a service that has a counter
So that I can keep track of how many times something was done

Details and Assumptions

- Need a way to increment a counter
- Need a way to get the current value

Acceptance Criteria

Given I have incremented the counter to 2
When I make a call to get the current value
Then it should return 2 as the counter value

+ Add item

In Progress 0 Estimate: 0 ...

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.

The screenshot shows a Jira backlog board with the following structure:

- Product Backlog:** Contains two items:
 - lab-agile-planning #4: Counters can be reset (enhancement)
 - lab-agile-planning #7: Need the ability to update a counter to a new value (enhancement)
- Sprint Backlog:** Contains three items:
 - lab-agile-planning #3: Must persist counter across restarts (enhancement, Sprint 1)
 - lab-agile-planning #5: Deploy service to the cloud (technical debt, Sprint 1)
- In Progress:** Contains one item, which is highlighted with a red border:
 - lab-agile-planning #1: Need a service that has a counter (enhancement, Sprint 1)
- Review/QA:** Contains one item:
 - lab-agile-planning #0: Estimate: 0

At the bottom of each column, there is a "+ Add item" button.

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**.

The screenshot shows a Jira Agile board with four columns: Product Backlog, Sprint Backlog, In Progress, and Review/QA.

- Product Backlog:** Contains two items:
 - lab-agile-planning #4: Counters can be reset (enhancement)
 - lab-agile-planning #7: Need the ability to update a counter to a new value (enhancement)
- Sprint Backlog:** Contains three items:
 - lab-agile-planning #3: Must persist counter across restarts (enhancement, Sprint 1)
 - lab-agile-planning #5: Deploy service to the cloud (technical debt, Sprint 1)
- In Progress:** Contains zero items.
- Review/QA:** Contains one item:
 - lab-agile-planning #1: Need a service that has a counter (enhancement, Sprint 1)A red arrow points to this item.

At the bottom of each column, there is a "+ Add item" button.

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**.

The screenshot shows a Jira Agile board with the following structure:

- Product Backlog:** Contains items #4 and #7. Item #4 is an enhancement.
- Sprint Backlog:** Contains items #5 and #1. Item #5 is a technical debt.
- In Progress:** Contains item #3. Item #3 is an enhancement. This item is highlighted with a red box.
- Review/QA:** Contains item #1. Item #1 is an enhancement.

At the bottom of each column, there is a "+ Add item" button.

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.

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Type to search | Add status update | Discard | Save

Lab Agile Planning

Backlog | Priority board | Team items | Roadmap | In review | My items | View 7 | New view

Filter by keyword or by field

Sprint Backlog 1/5 Estimate: 5

lab-agile-planning #5 Deploy service to the cloud
5 technical debt Sprint 1

In Progress 1 Estimate: 5

lab-agile-planning #3 Must persist counter across restarts
5 enhancement Sprint 1

Review/QA 0 Estimate: 0

lab-agile-planning #1 Need a service that has a counter
8 enhancement Sprint 1

Done 1 Estimate: 8

lab-agile-planning #1 Need a service that has a counter
8 enhancement Sprint 1

+ Add item

+ Add item

+ Add item

+ Add item

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.

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Type to search | Add status update | Discard | Save

Lab Agile Planning

Backlog | Priority board | Team items | Roadmap | In review | My items | View 7 | New view

Filter by keyword or by field

Sprint Backlog 1/5 Estimate: 5

lab-agile-planning #5 Deploy service to the cloud
5 technical debt Sprint 1

In Progress 0 Estimate: 0

lab-agile-planning #3 Must persist counter across restarts

Review/QA 1 Estimate: 5

lab-agile-planning #3 Must persist counter across restarts
5 enhancement Sprint 1

Done 1 Estimate: 8

lab-agile-planning #1 Need a service that has a counter
8 enhancement Sprint 1

+ Add item

+ Add item

+ Add item

+ Add item

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**.

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Type to search | Add status update | Discard | Save

Lab Agile Planning

Backlog | Priority board | Team items | Roadmap | In review | My items | View 7 | New view

Filter by keyword or by field

Sprint Backlog 0/5 Estimate: 0

In Progress 1 Estimate: 5

lab-agile-planning #5 Deploy service to the cloud
5 technical debt Sprint 1

Review/QA 1 Estimate: 5

lab-agile-planning #3 Must persist counter across restarts
5 enhancement Sprint 1

Done 1 Estimate: 8

lab-agile-planning #1 Need a service that has a counter
8 enhancement Sprint 1

+ Add item

+ Add item

+ Add item

+ Add item

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

Lab Agile Planning

Backlog | Priority board | Team items | Roadmap | In review | My items | View 7 | New view

Filter by keyword or by field

Sprint Backlog 0 / 5 Estimate: 0

In Progress 1 Estimate: 5

Review/QA 0 Estimate: 0

Done 2 Estimate: 13

+ Add item + Add item + Add item + Add item

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:

Lab Agile Planning

Backlog | Priority board | Team items | Roadmap | In review | My items | View 7 | New view

Filter by keyword or by field

Product Backlog 2 / 7 Estimate: 8

Sprint Backlog 0 / 5 Estimate: 0

In Progress 1 Estimate: 5

Review/QA 0 Estimate: 0

Done 2 Estimate: 13

+ Add item + Add item + Add item + Add item + Add item

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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