

# Agile Scrum Master

## Lesson 8—Scrum with JIRA



After completing this lesson, you will be able to:

- Justify why you need tools to manage Agile practices in Engineering
- List the available agile project management tools
- Identify the market position of JIRA from Atlassian
- Describe how to use JIRA for Scrum
- Understand the implementation of JIRA for an ecommerce project
- Execute an offline DIY project



## **What is covered:**

- Overview of the tool landscape for agile project management
- JIRA implementation for Scrum
  - Understanding the JIRA interface
  - Creating User Stories, Projects, Tasks, and Sub-tasks
  - Handle live agile projects
  - Generate reports

## **What is not covered:**

- JIRA Administration: configuration of permissions ,workflows and boards.
- Configuring dashboards and third party tools for advanced analytics and DevOps practices

## Assets

- Downloadable training material on LMS for reference
- JIRA UI Guidelines document on LMS
- DIY Project implementation documentation (Downloadable)

## Methodology

- Theory – JIRA Concepts
- Understanding JIRA Interface – Understand this via e-commerce website functionality implementation walk-through
- Scrum & JIRA correlation – Through live project creation and implementation
- Getting Hands on JIRA – DIY projects for the learners

## The Agile manifesto values

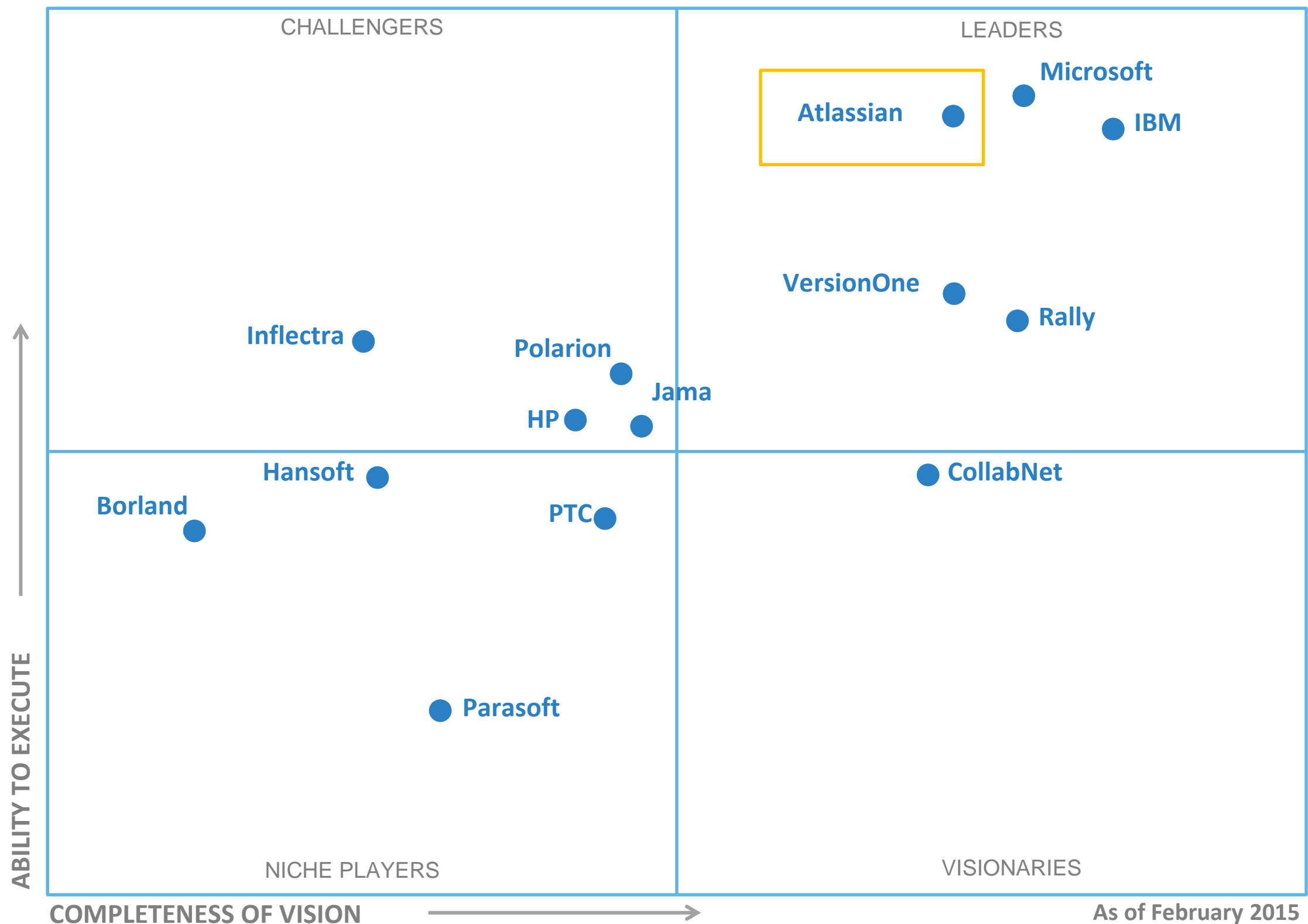
*Individuals and interactions **over** processes and tools*  
*Working software **over** comprehensive documentation*

However, tools are required to

- substitute physical agile boards, which are difficult to maintain,
- scale agile practices across the organization, and,
- automate information radiators and make them available to all stakeholders.

Available solutions:

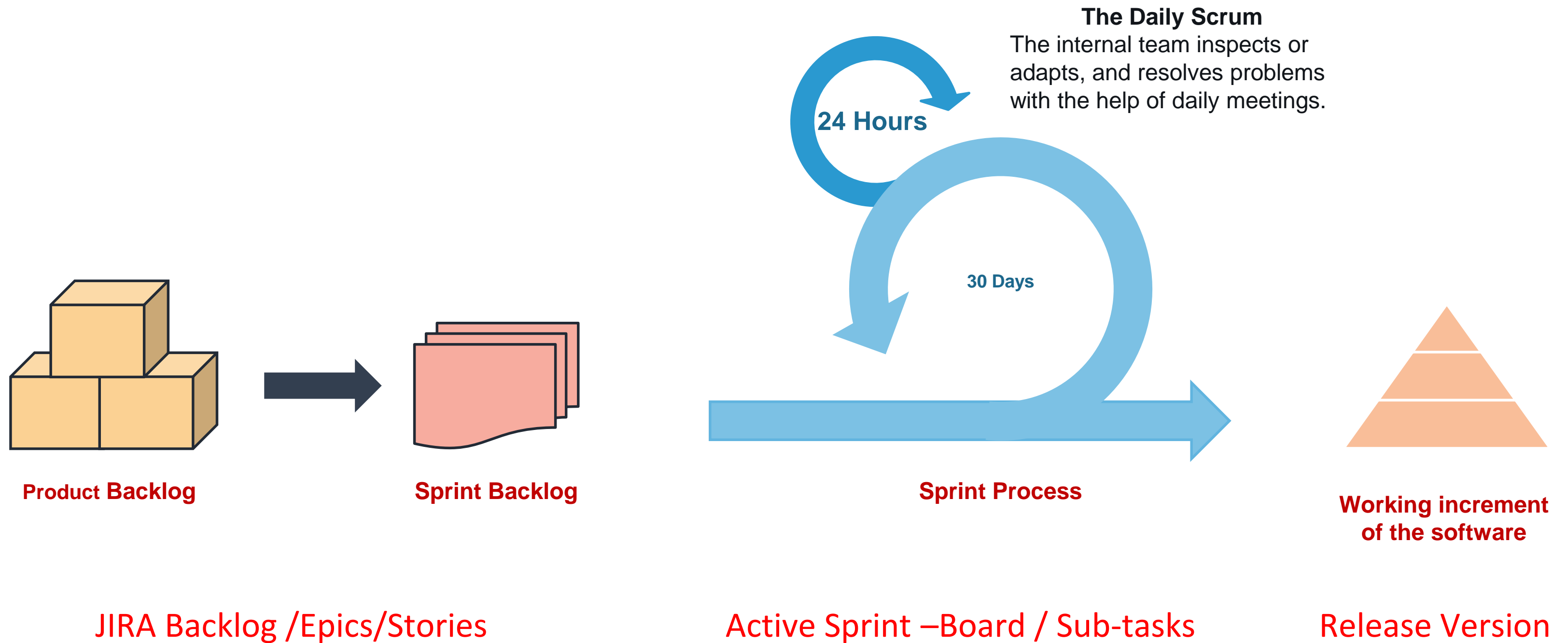




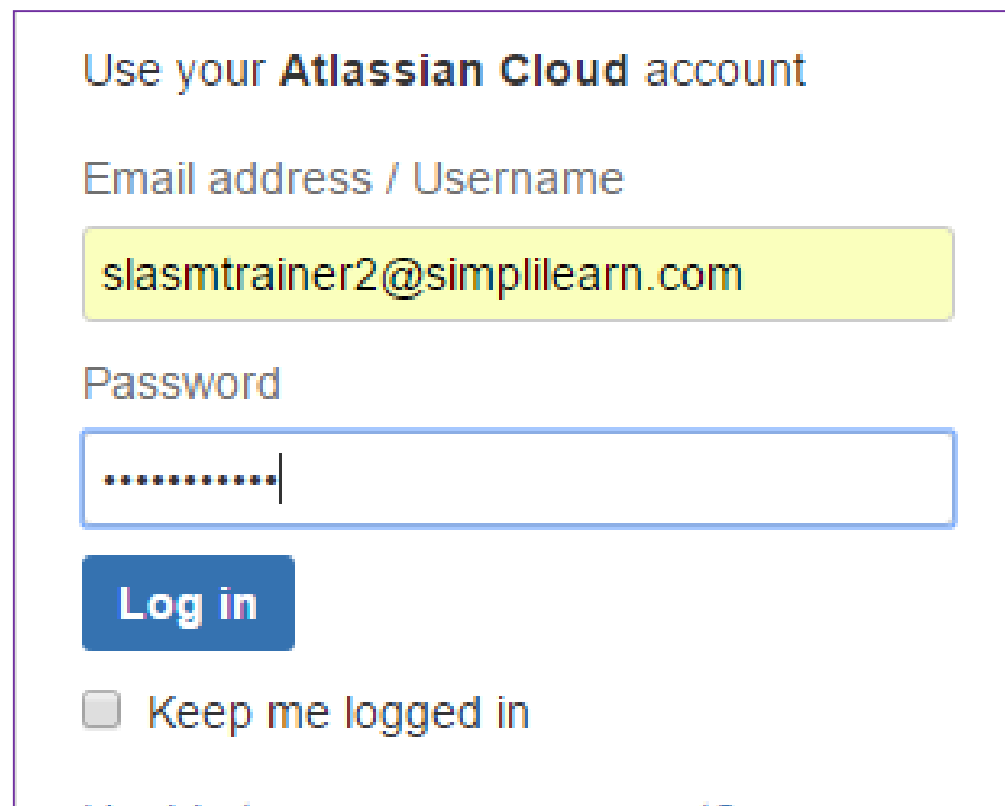
Source: <https://www.infoq.com/news/2015/02/agile-management-tools>

# JIRA for Scrum





Once the User ID is created in JIRA, the tool sends an automated message with the login credentials.  
Use them to log into JIRA and change the password after the first login.



Use your **Atlassian Cloud** account

Email address / Username

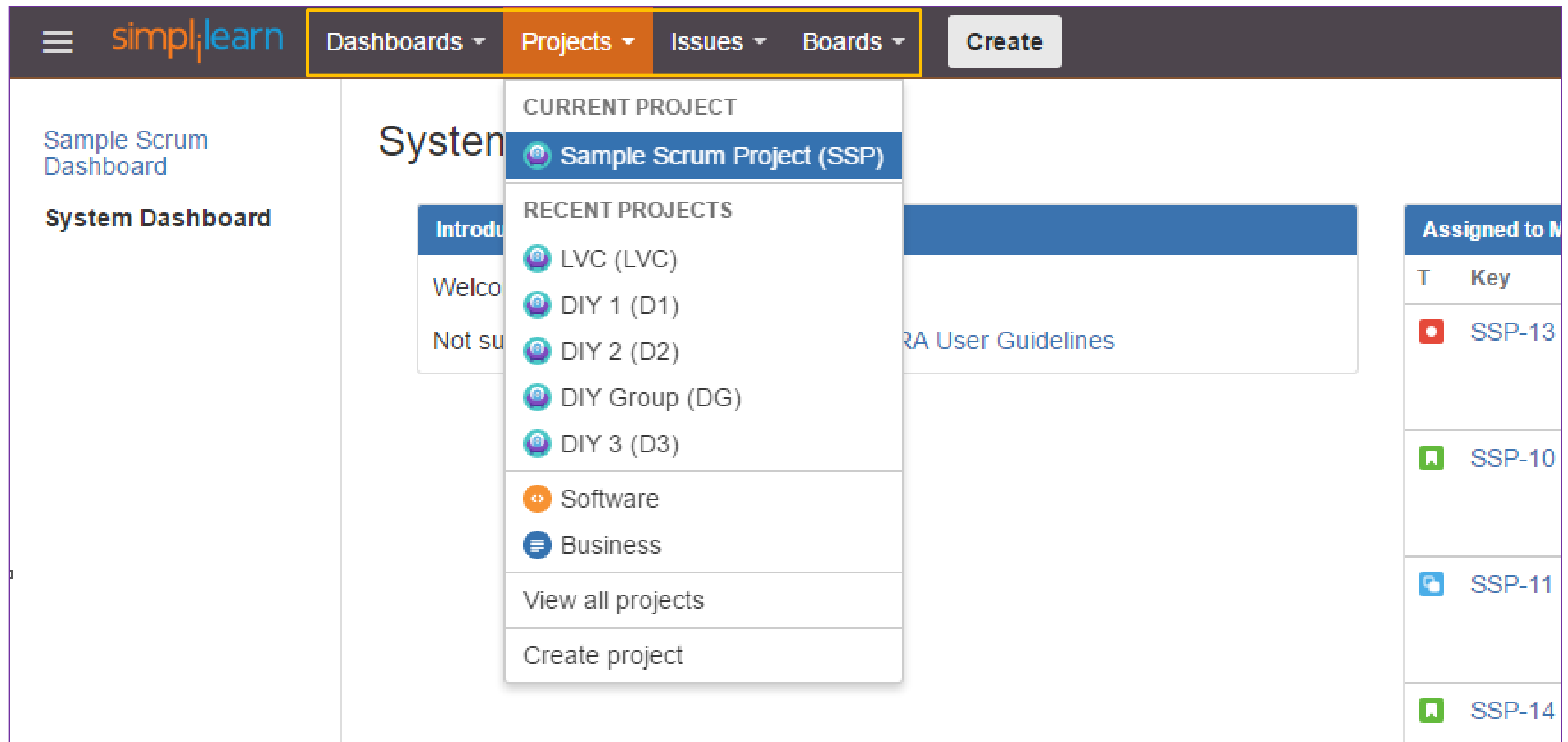
slasmtrainer2@simplilearn.com

Password

.....

**Log in**





☐ Keep me logged in



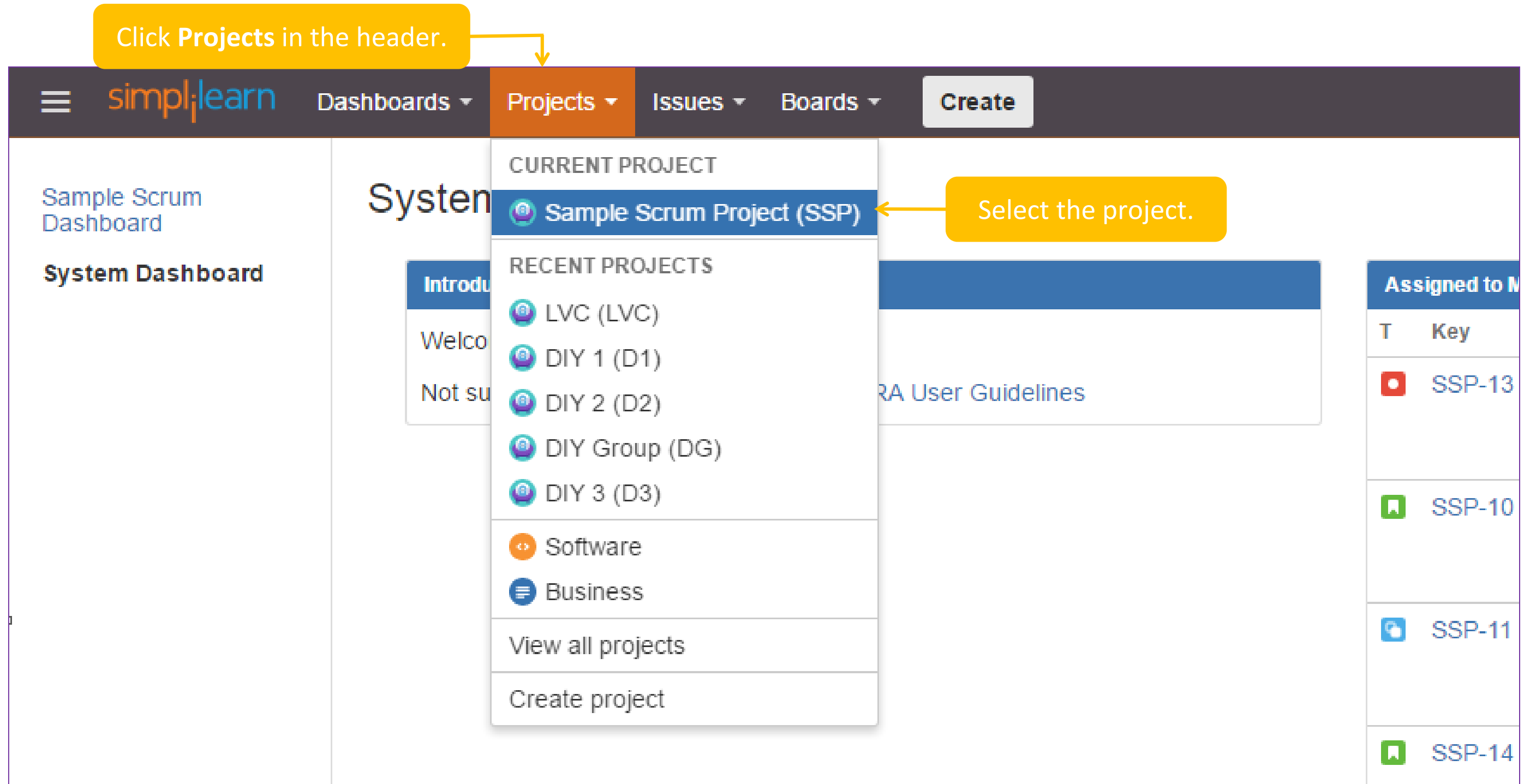
The screenshot shows the JIRA interface top menu. The 'Projects' menu is open, displaying the following options:

- CURRENT PROJECT
  - Sample Scrum Project (SSP)
- RECENT PROJECTS
  - LVC (LVC)
  - DIY 1 (D1)
  - DIY 2 (D2)
  - DIY Group (DG)
  - DIY 3 (D3)
- Software
- Business
- View all projects
- Create project

The background shows the 'System Dashboard' with a table titled 'Assigned to Me' containing the following data:

T	Key
	SSP-13
	SSP-10
	SSP-11
	SSP-14





Click **Projects** in the header.



The screenshot shows the JIRA interface with the 'Projects' menu open. The 'Sample Scrum Project (SSP)' is selected under the 'CURRENT PROJECTS' section. The 'RECENT PROJECTS' section lists several other projects: LVC (LVC), DIY 1 (D1), DIY 2 (D2), DIY Group (DG), and DIY 3 (D3). Below these are 'Software' and 'Business' categories, and links for 'View all projects' and 'Create project'.

**System Dashboard**

**Assigned to Me**

T	Key
	SSP-13
	SSP-10
	SSP-11
	SSP-14

simplilearn

Dashboards ▾

Projects ▾

Issues ▾

Boards ▾

Create


Search

🔍

🔊

❓ ▾

⚙️ ▾

 ▾

LVC board

The backlog is displayed by default.

⋮


Backlog

🔍

QUICK FILTERS: [Only My Issues](#) [Recently Updated](#)

VERSIONS

EPICS



FILL YOUR BACKLOG WITH ISSUES

This is your team backlog. Create and estimate new issues, and prioritize the backlog using drag and drop.

Backlog 0 issues

Create Sprint

📌 ▾

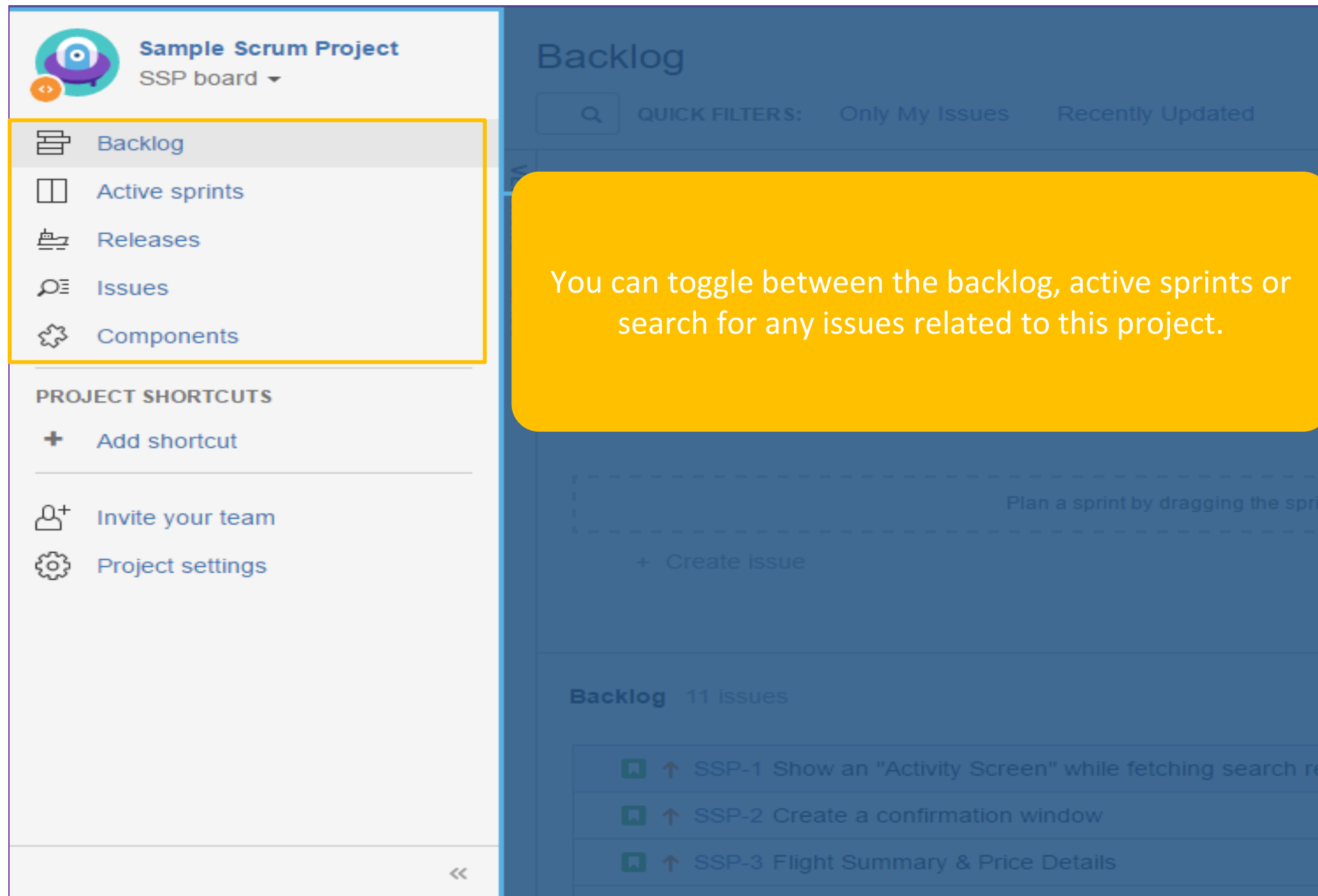
What needs to be done?

New Story in Backlog

Cancel

⋮

© Copyright 2015, Simplilearn. All rights reserved.



The screenshot displays the JIRA interface for a project named "Sample Scrum Project" (SSP board). The left sidebar contains a navigation menu with the following items: Backlog, Active sprints, Releases, Issues, and Components. Below this menu is a section titled "PROJECT SHORTCUTS" which includes an "Add shortcut" button, "Invite your team", and "Project settings". The main content area is titled "Backlog" and features a search bar, "QUICK FILTERS" (Only My Issues, Recently Updated), and a "Plan a sprint by dragging the sprint" instruction. A yellow callout box is overlaid on the main content area, stating: "You can toggle between the backlog, active sprints or search for any issues related to this project." Below the callout, the "Backlog" section shows 11 issues, with the first three visible: SSP-1 Show an "Activity Screen" while fetching search re, SSP-2 Create a confirmation window, and SSP-3 Flight Summary & Price Details.

Sample Scrum Project  
SSP board ▾

- Backlog
- Active sprints
- Releases
- Issues
- Components

PROJECT SHORTCUTS

- + Add shortcut
- Invite your team
- Project settings

Backlog

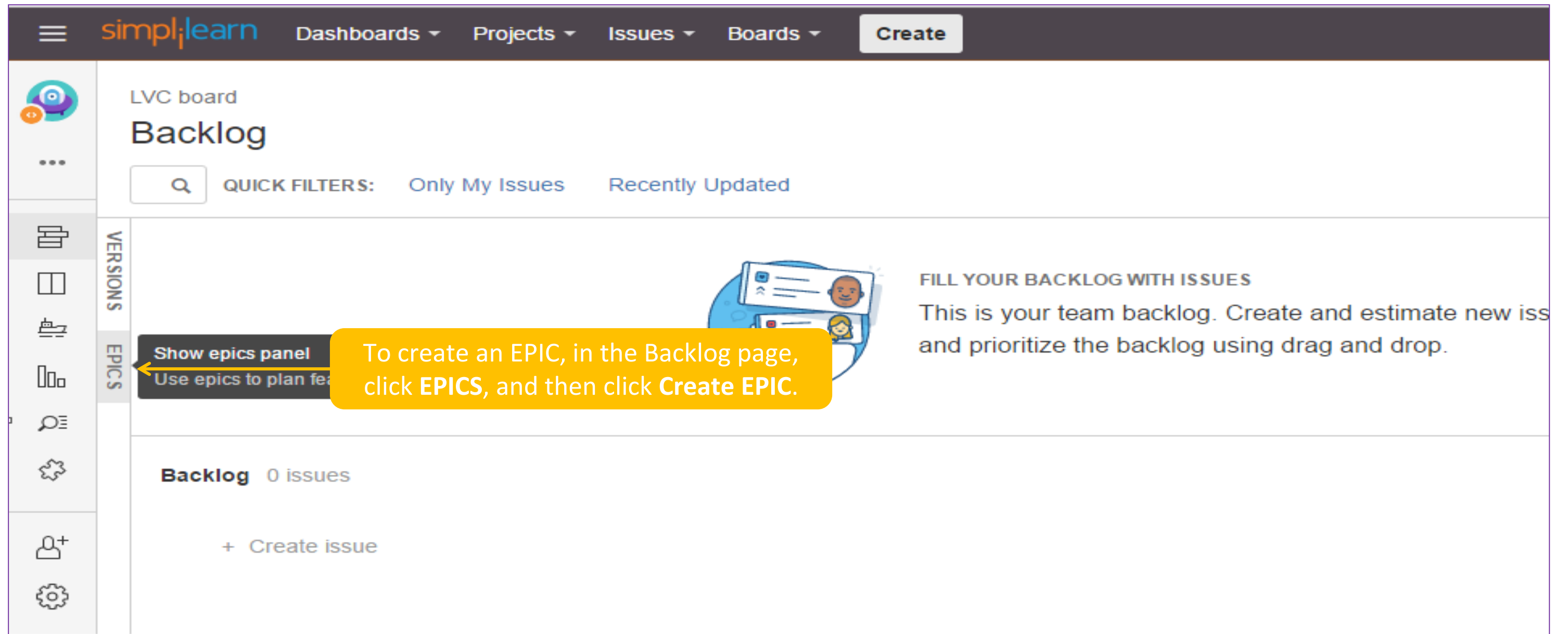
QUICK FILTERS: Only My Issues Recently Updated

Plan a sprint by dragging the sprint

+ Create issue


Backlog 11 issues


- ↑ SSP-1 Show an "Activity Screen" while fetching search re
- ↑ SSP-2 Create a confirmation window
- ↑ SSP-3 Flight Summary & Price Details



The screenshot shows the Simplilearn web interface. At the top is a dark navigation bar with the Simplilearn logo, a hamburger menu, and links for Dashboards, Projects, Issues, Boards, and a Create button. Below this is a sidebar with icons for various views. The main content area is titled 'LVC board Backlog' and includes a search bar and quick filters for 'Only My Issues' and 'Recently Updated'. A vertical sidebar on the left of the main content area has tabs for 'VERSIONS' and 'EPICS'. The 'EPICS' tab is selected, and a callout box points to it with the text 'Show epics panel Use epics to plan fe'. A large yellow callout box in the center of the screen says 'To create an EPIC, in the Backlog page, click **EPICS**, and then click **Create EPIC**.' The main content area also features a graphic with the text 'FILL YOUR BACKLOG WITH ISSUES' and 'This is your team backlog. Create and estimate new iss and prioritize the backlog using drag and drop.' At the bottom of the main content area, it says 'Backlog 0 issues' and '+ Create issue'.

## Create Epic

 Configure fields ▾

Project\*  Sample Scrum Project (SSP) ▾

Issue Type\*  Epic ▾ 

In the Create issue dialog box that opens, update the required fields and click the **Create** button to create the EPIC.

Epic Name\* Post-Purchase Experience

Provide a short name to identify this epic.

Summary\* Array of activities that customer can do after purchasing the item|

☐ Create another

**Create**

Cancel



# Creating an Issue—Epics

The screenshot displays the Simplilearn SSP board interface. The top navigation bar includes a menu icon, the Simplilearn logo, and dropdown menus for Dashboards, Projects, Issues, and Boards, along with a prominent orange 'Create' button. A search bar and utility icons are also present on the right.

The main content area is titled 'SSP board Backlog'. It features a search bar and 'QUICK FILTERS' for 'Only My Issues' and 'Recently Updated'. On the left, a 'VERSIONS' sidebar lists 'EPICS' with options for 'All issues', 'Pre-Purchase Experience', 'Purchase Experience', and 'Post-Purchase Experience'. The 'Post-Purchase Experience' epic is highlighted with a yellow box and shows a summary for 'SSP-36 Customer's experience after a sale has been made', including counts for Issues (4), Completed (0), Unestimated (4), and Estimate (0), along with a 'Create issue in epic' link.

The main workspace shows two sections: 'Sprint #4 Jan-2' with 3 issues and a 'Backlog' with 3 issues. Each section contains a list of issues with their descriptions, epic names, IDs, and status indicators. For example, in the 'Sprint #4 Jan-2' section, issues include 'As a buyer, I should be able to apply discount coupon before completing payment so that I can avail existing Purchase Experience' (SSP-29), 'As a buyer, I should be able to directly pay through e-wallet so that I can complete my purchase on the web Purchase Experience' (SSP-30), and 'As a customer, I should be able to view the list of all items I have purchased from the website, so that I can Post-Purchase Exp...' (SSP-31). The 'Backlog' section includes issues like 'As a customer, I should be able to track the status of delivery of product I have purchased so that I can sta Post-Purchase Exp...' (SSP-32), 'As a customer, when the product is dispatched, I should receive a push notification on app stating the deliv Post-Purchase Exp...' (SSP-33), and 'As a customer, I should be able to file Return request for any product purchased within last 10 days so that Post-Purchase Exp...' (SSP-34). Each issue list includes a '+ Create issue' button and summary statistics for the section (e.g., '3 issues', 'Estimate 0').

# Creating an Issue—User Story

The screenshot shows the JIRA interface for the 'SSP board' Backlog. A yellow callout box states: 'To create a User story, in the Backlog page, click **Create issue** then select **story**.'

The interface includes a top navigation bar with 'JIRA', 'Dashboards', 'Projects', 'Issues', 'Boards', and a 'Create' button. A search bar is also present.

On the left, the 'SSP board' Backlog is displayed with a search bar and 'QUICK FILTERS: Only My Issues Recently Updated'. The 'EPICS' section on the left lists 'All issues', 'Pre-Purchase Experience', 'Purchase Experience', 'Post-Purchase Experience' (selected), and 'Issues without epics'.

The main area shows 'Sample Sprint 2' with '4 of 10 issues visible'. A list of issues is shown, including 'As a customer, I should be able to view the list', 'As a customer, I should be able to track the st', 'When the product is dispatched', and 'should be able to file Return'. A 'Start sprint' button is visible.

A dropdown menu is open over the 'Post-Purchase Experience' epic, showing options: 'Story' (selected), 'Task', and 'Bug'. Below this, a 'New Story in Sample Sprint 2' button is visible.

The bottom section shows the 'Backlog' with '0 of 11 issues visible' and a 'Create sprint' button. A message states: 'All issues in the backlog are currently filtered'. A '+ Create issue' button is at the bottom.

On the right, the 'Sample Scrum Project / SSP-25' details are shown, including the description: 'As a buyer, I should be able to do a text search on the website so that I can find products I need'. The 'Details' section shows 'Status: TO DO (View workflow)', 'Priority: Medium', 'Component/s: None', 'Labels: None', 'Affects Version/s: None', 'Fix Version/s: None', and 'Epic Link: Pre-Purchase Experience'. The 'People' section shows 'Reporter: SLASM Trainer2 [Administrator]' and 'Assignee: Unassigned Assign to me'.

The URL at the bottom is: <https://slasmtrainer2.atlassian.net/secure/RapidBoard.jspa?rapidView=1&projectKey=SSP&view=planning&selectedIssue=SSP-25&epics=visible&selectedEpic=SSP-36#>

# Creating an Issue—User Story

Create issue

⚙️ Configure fields ▾

Project\*

🔍 Sample Scrum Project (SSP) ▾

Issue Type\*

📄 Story ▾ ?

Summary\*

As a buyer, I should be able to see the items purchased in the cart

Reporter\*

👤 Simplilearn Trainer1 [Administrator]

Start typing to get a list of possible matches.

Component/s

None

Description

Style ▾ B I U A ▾ 🔗 📎 ☺ + ▾ ≡

This option will be available to the active buyers who are adding items from the product page to their cart that can be checked out later.

☐ Create another

Create

Cancel

In the Create issue dialog box that opens, Select the issue type as **Story**.

Update all the fields and click **Create**.

# Creating an Issue—User Story

The screenshot displays the Simplilearn SSP board Backlog interface. The top navigation bar includes a menu icon, the Simplilearn logo, and tabs for Dashboards, Projects, Issues, Boards, and a Create button. A search bar and utility icons are also present.

The main content area is titled "SSP board Backlog" and includes a search input and quick filters for "Only My Issues" and "Recently Updated".

On the left, a sidebar shows "EPICS" with a "VERSIONS" section. The "Pre-Purchase Experience" epic is selected, showing a list of issues. The issue "As a buyer, I should be able to view all the products in any category so I can select what to buy" (SSP-26) is highlighted with a yellow border.

The main area shows two sprints. The first sprint, "Spint #4 Jan-01", has 4 issues. The second sprint, "Spint #4 Jan-2", has 0 of 3 issues visible. A message states "All issues in this sprint are currently filtered".

A modal window on the right shows the details for the selected issue (SSP-26). The modal title is "Sample Scrum Project / SSP-26". The description is "As a buyer, I should be able to view all the products in any category so I can select what to buy". The estimate is "Unestimated". The status is "TO DO" (View workflow). The priority is "Medium". The component is "None". The labels are "None". The affects version is "None". The fix version is "None". The epic link is "Pre-Purchase Experience". The reporter is "SLASM Trainer2 [Administrator]" and the assignee is "Unassigned".

Sprint	Issue	Key	Priority	Estimate
Spint #4 Jan-01	As a buyer, I should be able to do a text search	Pre-Purchase Experience	High	0
Spint #4 Jan-01	As a buyer, I should be able to view all the products in any category so I can select what to buy	Pre-Purchase Experience	High	0
Spint #4 Jan-01	As a buyer, I should be able to add product	Pre-Purchase Experience	High	0
Spint #4 Jan-01	As a buyer, under "Recommended items", I	Pre-Purchase Experience	High	0

Field	Value
Status	TO DO (View workflow)
Priority	Medium
Component/s	None
Labels	None
Affects Version/s	None
Fix Version/s	None
Epic Link	Pre-Purchase Experience

Create issue

Configure fields

Project\*

Sample Scrum Project (SSP)

Issue Type\*

Task

Story

Bug

Epic

Summary\*

Reporter\*

Simplilearn Trainer1 [Administrator]

Start typing to get a list of possible matches.

Component/s

None

Description

Style B I U A A Link Unlink Bulleted List Numbered List Emoji Add More

Create another

Create

Cancel

To create a Task or a Bug, in the Create issue dialog box, select the issue type as required, update all the other fields, and then click **Create**.

# Creating an Issue—Sub-Task

After creating an issue, you would typically create several sub-tasks representing the work items required to implement the story.

The screenshot displays the Simplilearn SSP board Backlog. The interface includes a top navigation bar with 'Create' highlighted, a search bar, and a sidebar with navigation icons. The main area shows a 'Backlog' for 'SSP board' with 'QUICK FILTERS: Only My Issues Recently Updated'. A 'Spint #4 Jan-01' section contains four issues, each with a 'Pre-Purchase Expe...' label. A context menu is open for the issue 'As a buyer, I should be able to add product' (SSP-27), showing options like 'Edit', 'Assign', 'Log work', 'Send to top', 'Send to bottom', 'Attach files', 'Stop watching', 'Create sub-task' (highlighted), 'Link', 'Delete', 'Remove from sprint', 'Add flag', 'Add flag and comment', and 'More Actions...'. The 'Create sub-task' option is highlighted with a yellow box.

From the backlog, select the parent user story for your new sub-task.



# Creating an Issue—Sub-Task

The screenshot displays the Simplilearn SSP board Backlog. The top navigation bar includes 'Dashboards', 'Projects', 'Issues', 'Boards', and a 'Create' button. The main area shows a 'Backlog' for 'SSP board' with a search bar and filters for 'Only My Issues' and 'Recently Updated'. On the left, a sidebar lists 'EPICS' with categories: 'All issues', 'Pre-Purchase Experience' (selected), 'Purchase Experience', 'Post-Purchase Experience', and 'Issues without epics'. The main content area shows two sprints: 'Spint #4 Jan-01' with 4 issues and 'Spint #4 Jan-2' with 0 of 3 issues visible. The first sprint contains four issues, all labeled 'Pre-Purchase Expe...'. The second sprint is currently filtered, showing a message: 'All issues in this sprint are currently filtered'. On the right, a context menu is open for issue 'Sample Scrum Project / SSP-27'. The menu includes options like 'Edit', 'Assign', 'Log work', 'Send to top', 'Send to bottom', 'Attach files', 'Stop watching', 'Create sub-task' (highlighted in orange), 'Link', 'Delete', 'Remove from sprint', 'Add flag', 'Add flag and comment', and 'More Actions...'. The user is identified as '[Administrator]'.

To create a sub-task, from the Issue summary on the right, click the ellipsis (...), and select **Create sub-task**.

Create Subtask: SSP-27

Configure fields

Issue Type\*

Sub-task

Summary\*

Writing Summary of what the Sub-Task is about

Reporter\*

SLASM Trainer2 [Administrator]

Start typing to get a list of possible matches.

Component/s

None

Description

Style B I U A A Link Image List Unordered List Ordered List Emoji +

Detailed Description of the Subtask.

Create another

Create

Cancel

In the Create sub-task dialog box that opens, enter your sub-task's details and click **Create**.



Versions are milestones in a project that help the team organize and schedule releases.

The screenshot shows the JIRA interface for a project named 'Sample Scrum Project / SSP-25'. The 'Backlog' page is active, and the 'VERSIONS' tab is selected. A yellow callout box with the text 'To create a Version, in the Backlog page, select **VERSIONS**, and click 'Create version'.' points to the 'Create version' link in the 'VERSIONS' tab. The 'VERSIONS' tab shows a list of versions: 'Version 2.0' and 'Version 3.0'. Below the versions, there is a list of issues. The issues are categorized by their labels: 'Pre-Purchase Experience' (green), 'Purchase Experience' (purple), and 'Post-Purchase Experience' (brown). The issues are listed with their IDs (SSP-25 to SSP-34) and a priority indicator (up arrow). The right sidebar shows the details of the selected issue (SSP-25), including its status (TO DO), priority (Medium), component (None), labels (None), affects version (None), fix version (None), epic link (Pre-Purchase Experience), reporter (SLASM Trainer2), and assignee (Unassigned).

SSP board  
Backlog

QUICK FILTERS: Only My Issues

VERSIONS [Create version](#)

All issues

Version 2.0

Version 3.0

Issues without versions

As a buyer, I should be able to do a text search on the website so that I can find products I need (Pre-Purchase Experience) SSP-25 ↑

As a buyer, I should be able to view all the products (Pre-Purchase Experience) SSP-26 ↑

As a buyer, I should be able to add product to my cart (Pre-Purchase Experience) SSP-27 ↑

As a buyer, under "Recommended items", I should be able to see products I viewed (Pre-Purchase Experience) SSP-28 ↑

As a buyer, I should be able to apply discount codes (Purchase Experience) SSP-29 ↑

As a buyer, I should be able to directly pay with my credit card (Purchase Experience) SSP-30 ↑

As a customer, I should be able to view the product details (Post-Purchase Experience) SSP-31 ↑

As a customer, I should be able to track the order (Post-Purchase Experience) SSP-32 ↑

As a customer, when the product is dispatched, I should be able to receive a notification (Post-Purchase Experience) SSP-33 ↑

As a customer, I should be able to file a return (Post-Purchase Experience) SSP-34 ↑

+ Create issue

10 issues Estimate 0

Sample Scrum Project / SSP-25

As a buyer, I should be able to do a text search on the website so that I can find products I need

**Details**

Status: TO DO (View workflow)

Priority: ↑ Medium

Component/s: None

Labels: None

Affects Version/s: None

Fix Version/s: None

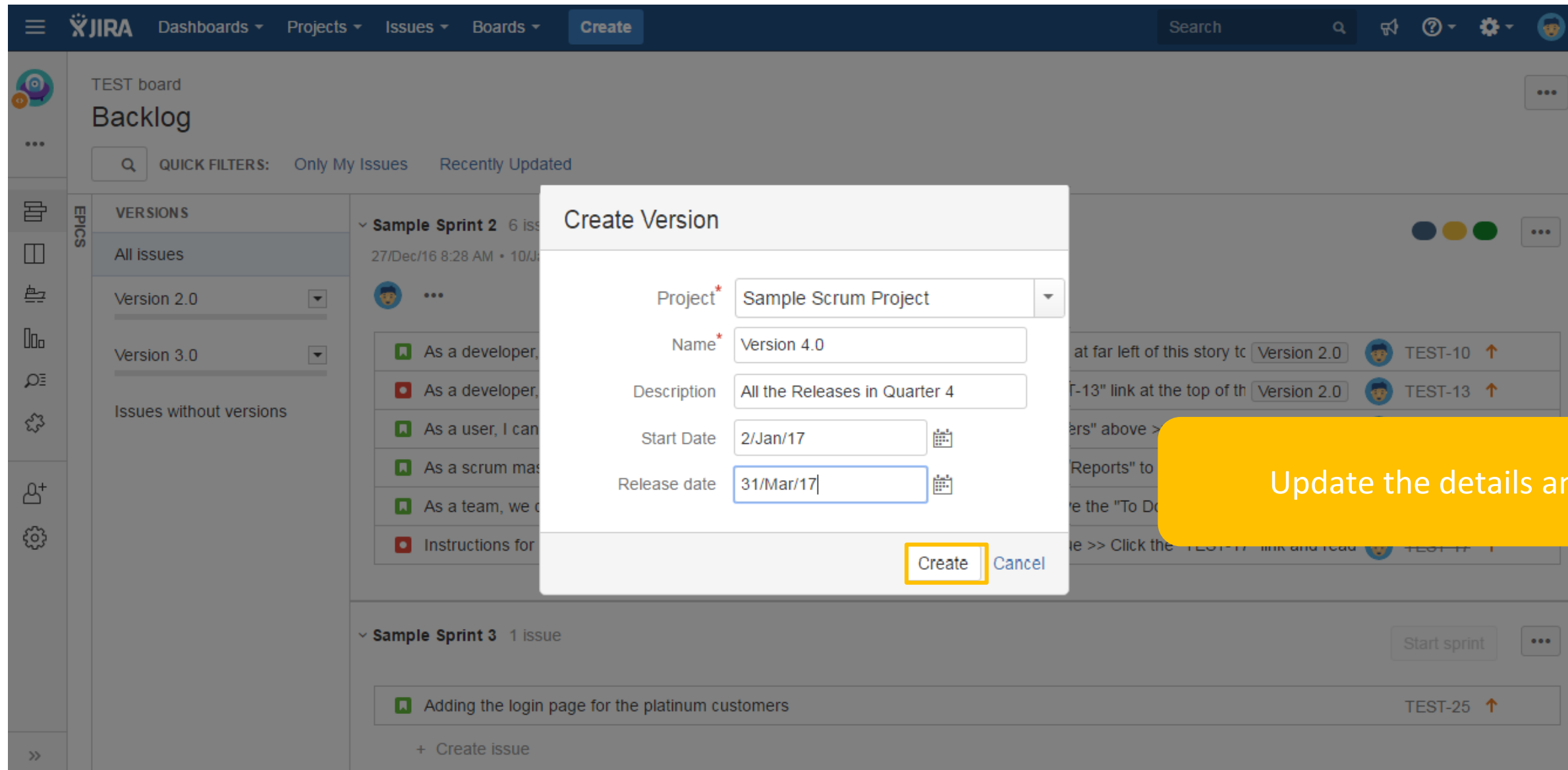
Epic Link: Pre-Purchase Experience

**People**

Reporter: SLASM Trainer2 [Administrator]

Assignee: Unassigned Assign to me

# Creating a Version



The screenshot shows the JIRA interface with a 'TEST board Backlog' view. A 'Create Version' modal dialog is open in the center. The dialog contains the following fields:

- Project\***: A dropdown menu showing 'Sample Scrum Project'.
- Name\***: A text input field containing 'Version 4.0'.
- Description**: A text input field containing 'All the Releases in Quarter 4'.
- Start Date**: A date picker field showing '2/Jan/17'.
- Release date**: A date picker field showing '31/Mar/17'.

At the bottom of the dialog are two buttons: 'Create' (highlighted with a yellow border) and 'Cancel'.

The background shows the 'TEST board Backlog' with a sidebar on the left containing 'EPICS', 'VERSIONS' (with 'Version 2.0' and 'Version 3.0' selected), and 'Issues without versions'. The main area displays 'Sample Sprint 2' with 6 issues and 'Sample Sprint 3' with 1 issue.

Update the details and click **Create**.

# Creating a Version

The screenshot shows the JIRA interface for a 'TEST board' Backlog. The top navigation bar includes 'Dashboards', 'Projects', 'Issues', 'Boards', and a 'Create' button. The left sidebar shows the 'TEST board' icon and a list of icons. The main content area is divided into two columns. The left column, titled 'EPICS', contains a 'VERSIONS' section with a 'Create version' link. Below this, a dropdown menu is open, showing 'Version 2.0', 'Version 3.0', and 'Version 4.0'. The 'Version 4.0' dropdown is highlighted with a yellow box. The right column, titled 'Backlog', contains a list of issues. The first issue is 'As a developer, I can update story and task status with drag and drop (click the triangle at far left of this story to' with version 'Version 2.0' and ID 'TEST-10'. The second issue is 'As a developer, I can update details on an item using the Detail View >> Click the "TEST-13" link at the top of th' with version 'Version 2.0' and ID 'TEST-13'. The third issue is 'As a user, I can find important items on the board by using the customisable "Quick Filters" above >> Try clicking the "Only My' with ID 'TEST-14'. The fourth issue is 'As a scrum master, I can see the progress of a sprint via the Burndown Chart >> Click "Reports" to view the Burndown Chart' with ID 'TEST-15'. The fifth issue is 'As a team, we can finish the sprint by clicking the cog icon next to the sprint name above the "To Do" column then selecting "Comple' with ID 'TEST-16'. The sixth issue is 'Instructions for deleting this sample board and project are in the description for this issue >> Click the "TEST-17" link and read' with ID 'TEST-17'. Below the issues, there is a 'Sample Sprint 3' section with 1 issue, 'Adding the login page for the platinum customers' with ID 'TEST-25'. At the bottom, there is a 'Backlog' section with 10 issues and a 'Create sprint' button.

TEST board

Backlog

QUICK FILTERS: Only My Issues Recently Updated

VERSIONS Create version x

Version 2.0

Version 3.0

Version 4.0

All the Releases in Quarter 4

Details

Start Date 2/Jan/17

Release date 31/Mar/17

Issues 0

Completed 0

Unestimated 0

Estimate 0

Issues without versions

As a developer, I can update story and task status with drag and drop (click the triangle at far left of this story to Version 2.0 TEST-10

As a developer, I can update details on an item using the Detail View >> Click the "TEST-13" link at the top of th Version 2.0 TEST-13

As a user, I can find important items on the board by using the customisable "Quick Filters" above >> Try clicking the "Only My TEST-14

As a scrum master, I can see the progress of a sprint via the Burndown Chart >> Click "Reports" to view the Burndown Chart TEST-15

As a team, we can finish the sprint by clicking the cog icon next to the sprint name above the "To Do" column then selecting "Comple TEST-16

Instructions for deleting this sample board and project are in the description for this issue >> Click the "TEST-17" link and read TEST-17

Sample Sprint 3 1 issue

Start sprint

Adding the login page for the platinum customers TEST-25

+ Create issue

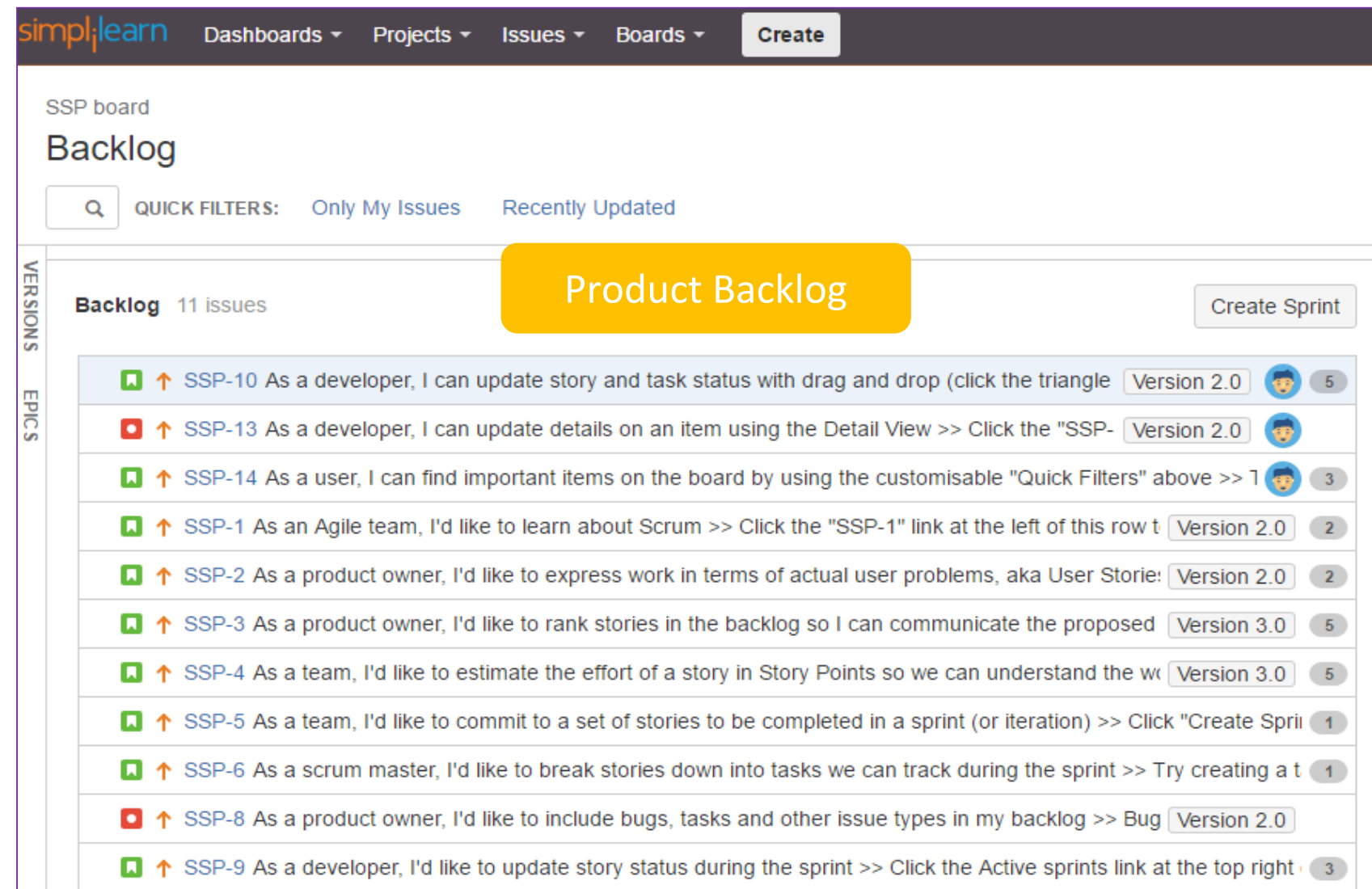
1 issue Estimate 0

Backlog 10 issues

Create sprint

A new Version is created.

Any issues you create are automatically moved to the Product Backlog.



The screenshot shows the Simplilearn web application interface for a Product Backlog. At the top, there is a navigation bar with the Simplilearn logo and links for Dashboards, Projects, Issues, Boards, and a Create button. Below this, the page is titled "SSP board" and "Backlog". A search bar and "QUICK FILTERS" section are visible, with options for "Only My Issues" and "Recently Updated". The main content area displays a list of 11 issues in the backlog. A yellow callout box labeled "Product Backlog" points to the list. On the left side, there are vertical labels "VERSIONS" and "EPICS". On the right side, there is a "Create Sprint" button. The list of issues includes details such as issue ID, description, version, and priority.

Issue ID	Description	Version	Priority
SSP-10	As a developer, I can update story and task status with drag and drop (click the triangle	Version 2.0	5
SSP-13	As a developer, I can update details on an item using the Detail View >> Click the "SSP-	Version 2.0	
SSP-14	As a user, I can find important items on the board by using the customisable "Quick Filters" above >> 1		3
SSP-1	As an Agile team, I'd like to learn about Scrum >> Click the "SSP-1" link at the left of this row t	Version 2.0	2
SSP-2	As a product owner, I'd like to express work in terms of actual user problems, aka User Storie:	Version 2.0	2
SSP-3	As a product owner, I'd like to rank stories in the backlog so I can communicate the proposed	Version 3.0	5
SSP-4	As a team, I'd like to estimate the effort of a story in Story Points so we can understand the w	Version 3.0	5
SSP-5	As a team, I'd like to commit to a set of stories to be completed in a sprint (or iteration) >> Click "Create Spri		1
SSP-6	As a scrum master, I'd like to break stories down into tasks we can track during the sprint >> Try creating a t		1
SSP-8	As a product owner, I'd like to include bugs, tasks and other issue types in my backlog >> Bug	Version 2.0	
SSP-9	As a developer, I'd like to update story status during the sprint >> Click the Active sprints link at the top right		3

# Creating a Sprint

The screenshot displays the JIRA interface for a 'TEST board'. The main section is the 'Backlog' with 10 issues. A yellow callout box labeled 'Product Backlog' points to the list of issues. The issues are as follows:

Issue Description	Version	Key	Priority
As a buyer, I should be able to see the items purchased in the cart	Simplilearn-Releas...	TEST-28	↑
As an Agile team, I'd like to learn about Scrum >> Click the "TEST-1" link at the left of this	Version 2.0	TEST-1	↑
As a product owner, I'd like to express work in terms of actual user problems, aka User Story	Version 2.0	TEST-2	↑
As a product owner, I'd like to rank stories in the backlog so I can communicate the propo	Version 3.0	TEST-3	↑
As a team, I'd like to estimate the effort of a story in Story Points so we can understand th	Version 3.0	TEST-4	↑
As a team, I'd like to commit to a set of stories to be completed in a sprint (or iteration) >> Click "Create &		TEST-5	↑
As a scrum master, I'd like to break stories down into tasks we can track during the sprint >> Try creating		TEST-6	↑
As a product owner, I'd like to include bugs, tasks and other issue types in my backlog >>	Version 2.0	TEST-8	↑
As a developer, I'd like to update story status during the sprint >> Click the Active sprints link at the top ri		TEST-9	↑
Adding about us page to the blog		TEST-24	↑

Below the backlog is a '+ Create issue' button. To the right, the 'Details' panel is open, showing a 'Priority' dropdown menu with the following options: Highest, High, Medium (selected), Low, and Lowest. The 'People' section shows the Reporter as 'Simplilearn Trainer1 [Administrator]' and the Assignee as 'Unassigned' with a link to 'Assign to me'.

**Prioritize Stories by clicking them in the backlog and selecting the priority from the dropdown list in the issue summary.**



# Creating a Sprint

The screenshot shows the JIRA interface for a 'TEST board'. The top navigation bar includes 'Dashboards', 'Projects', 'Issues', 'Boards', and a 'Create' button. A search bar is also present. The left sidebar shows the 'TEST board' icon and a 'Backlog' section. The main area displays the 'Backlog' with 10 issues. A yellow callout box points to the 'Create sprint' button in the top right corner of the backlog area. Another yellow callout box points to the 'Backlog' header. The backlog list includes issues with descriptions, versions, and IDs.

TEST board  
Backlog

QUICK FILTERS: Only My Issues Recently Updated

Backlog 10 issues

Create sprint

Issue	Version	ID	Priority
As a buyer, I should be able to see the items purchased in the cart	Simplilearn-Releas...	TEST-28	High
As an Agile team, I'd like to learn about Scrum >> Click the "TEST-1" link at the left of this row to see detail in the Description tab on the right	Version 2.0	TEST-1	High
As a product owner, I'd like to express work in terms of actual user problems, aka User Stories, and place them in the backlog >> Try creating a new stor	Version 2.0	TEST-2	High
As a product owner, I'd like to rank stories in the backlog so I can communicate the proposed implementation order >> Try dragging this story up above t	Version 3.0	TEST-3	High
As a team, I'd like to estimate the effort of a story in Story Points so we can understand the work remaining >> Try setting the Story Points for this story ir	Version 3.0	TEST-4	High
As a team, I'd like to commit to a set of stories to be completed in a sprint (or iteration) >> Click "Create Sprint" then drag the footer down to select issues for a sprint (yc		TEST-5	High
As a scrum master, I'd like to break stories down into tasks we can track during the sprint >> Try creating a task by clicking the Sub-Tasks tab in the Detail View on the ri		TEST-6	High
As a product owner, I'd like to include bugs, tasks and other issue types in my backlog >> Bugs like this one will also appear in your backlog but they are	Version 2.0	TEST-8	High
As a developer, I'd like to update story status during the sprint >> Click the Active sprints link at the top right of the screen to go to the Active sprints where the current S		TEST-9	High
Adding about us page to the blog		TEST-24	High

+ Create issue

To create a sprint, click **Create Sprint** above the product backlog.

Product Backlog

# Creating a Sprint

TEST board  
Backlog

QUICK FILTERS: Only My Issues Recently Updated

1 issue Estimate 0

Sample Sprint 4 0 issues

Plan a sprint by dragging the sprint footer down below some issues, or by dragging issues here

+ Create issue

JIRA will ask you to “drag issues” to the dotted Sprint box.

0 issues Estimate 0

Backlog 10 issues

Create sprint

As a buyer, I should be able to see the items purchased in the cart	Simplilearn-Releas...	TEST-28	↑
As an Agile team, I'd like to learn about Scrum >> Click the "TEST-1" link at the left of this row to see detail in the Description tab on the right	Version 2.0	TEST-1	↑
As a product owner, I'd like to express work in terms of actual user problems, aka User Stories, and place them in the backlog >> Try creating a new stor	Version 2.0	TEST-2	↑
As a product owner, I'd like to rank stories in the backlog so I can communicate the proposed implementation order >> Try dragging this story up above t	Version 3.0	TEST-3	↑
As a team, I'd like to estimate the effort of a story in Story Points so we can understand the work remaining >> Try setting the Story Points for this story ir	Version 3.0	TEST-4	↑
As a team, I'd like to commit to a set of stories to be completed in a sprint (or iteration) >> Click "Create Sprint" then drag the footer down to select issues for a sprint (yc		TEST-5	↑

# Creating a Sprint

The screenshot shows the JIRA interface for a 'TEST board'. The top navigation bar includes 'Dashboards', 'Projects', 'Issues', 'Boards', and a 'Create' button. A search bar is on the right. The left sidebar shows navigation icons for 'VERSIONS' and 'EPICS'. The main area displays the 'Backlog' with 10 issues. A yellow callout box states: 'After moving issues to the Sprint, click Start Sprint.' A 'Create sprint' button is highlighted in the top right of the backlog area.

TEST board  
Backlog

QUICK FILTERS: Only My Issues Recently Updated

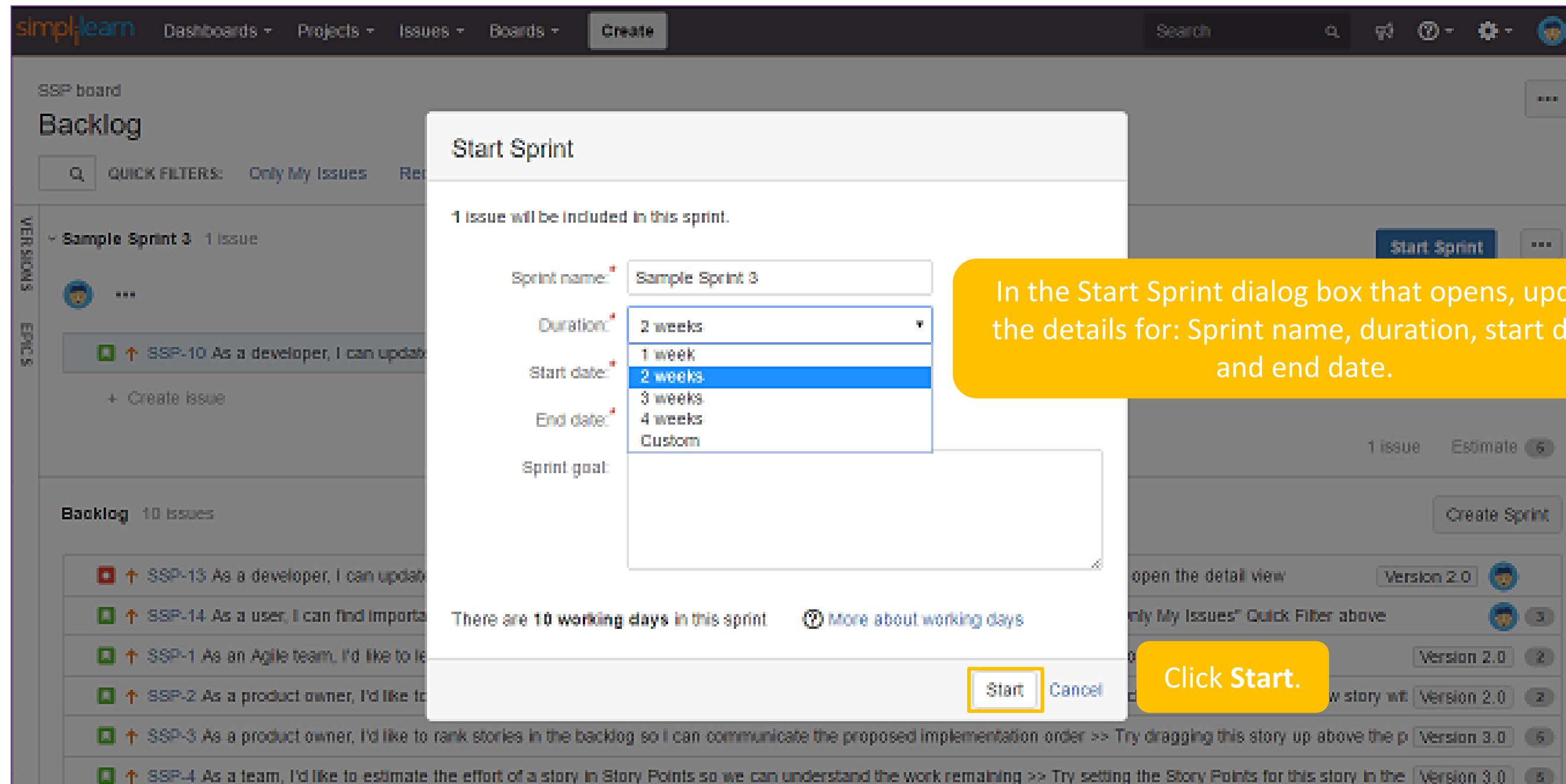
Backlog 10 issues

Create sprint

As a buyer, I should be able to see the items purchased in the cart	Simplilearn-Releas...	TEST-28	↑
As an Agile team, I'd like to learn about Scrum >> Click the "TEST-1" link at the left of this row to see detail in the Description tab on the right	Version 2.0	TEST-1	↑
As a product owner, I'd like to express work in terms of actual user problems, aka User Stories, and place them in the backlog >> Try creating a new stor	Version 2.0	TEST-2	↑
As a product owner, I'd like to rank stories in the backlog so I can communicate the proposed implementation order >> Try dragging this story up above t	Version 3.0	TEST-3	↑
As a team, I'd like to estimate the effort of a story in Story Points so we can understand the work remaining >> Try setting the Story Points for this story ir	Version 3.0	TEST-4	↑
As a team, I'd like to commit to a set of stories to be completed in a sprint (or iteration) >> Click "Create Sprint" then drag the footer down to select issues for a sprint (yc		TEST-5	↑
As a scrum master, I'd like to break stories down into tasks we can track during the sprint >> Try creating a task by clicking the Sub-Tasks tab in the Detail View on the ri		TEST-6	↑
As a product owner, I'd like to include bugs, tasks and other issue types in my backlog >> Bugs like this one will also appear in your backlog but they are	Version 2.0	TEST-8	↑
As a developer, I'd like to update story status during the sprint >> Click the Active sprints link at the top right of the screen to go to the Active sprints where the current S		TEST-9	↑
Adding about us page to the blog		TEST-24	↑

+ Create issue





The screenshot shows the 'Start Sprint' dialog box in the Simplilearn application. The dialog box is titled 'Start Sprint' and contains the following fields:

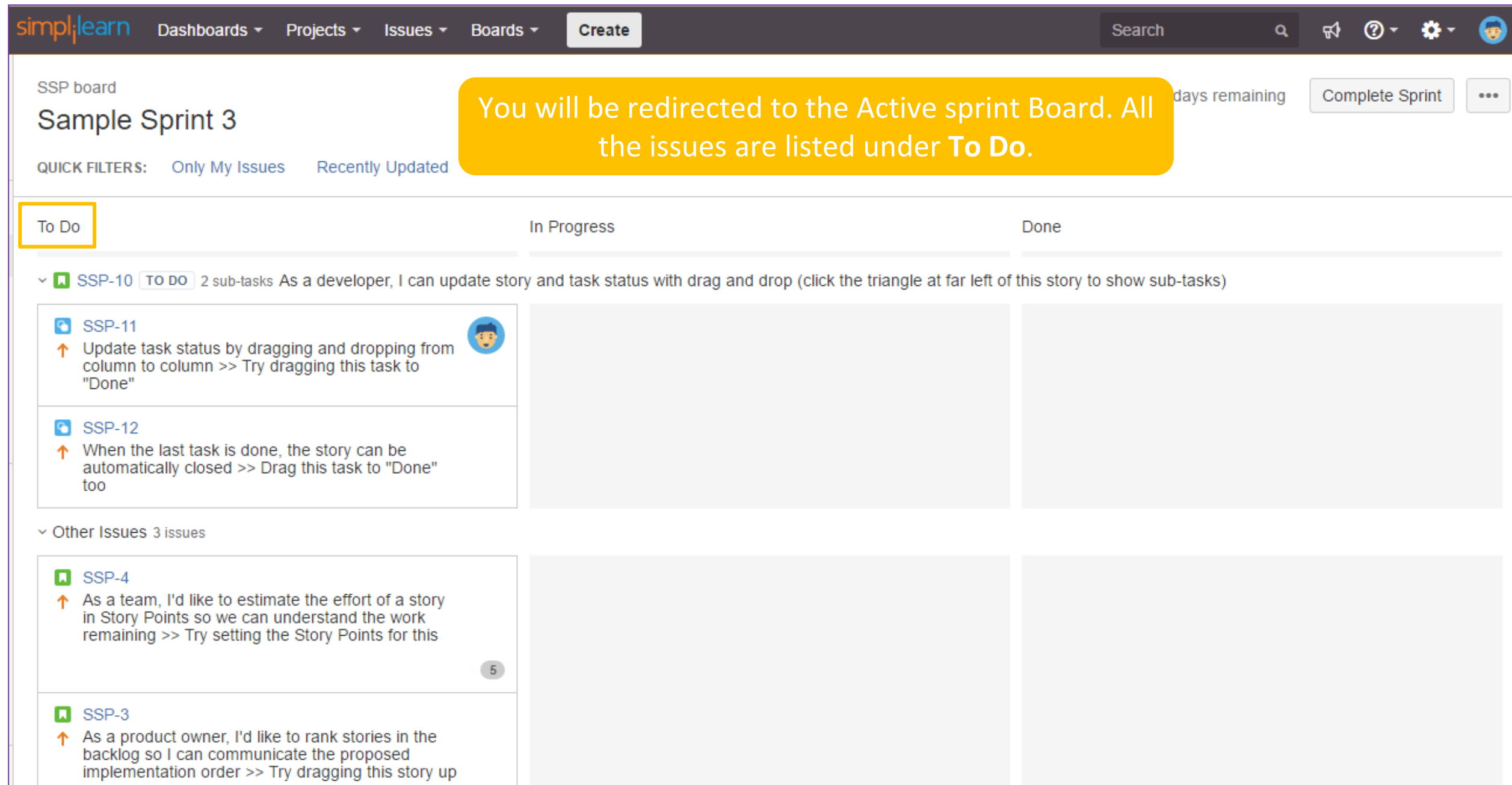
- Sprint name:** Sample Sprint 3
- Duration:** 2 weeks (selected from a dropdown menu with options: 1 week, 2 weeks, 3 weeks, 4 weeks, Custom)
- Start date:** (empty field)
- End date:** (empty field)
- Sprint goal:** (empty text area)

Below the fields, it states: "There are 10 working days in this sprint" with a link to "More about working days". At the bottom right of the dialog box are two buttons: "Start" and "Cancel".

A yellow callout box on the right side of the dialog box contains the text: "In the Start Sprint dialog box that opens, update the details for: Sprint name, duration, start data, and end date."

Another yellow callout box at the bottom right of the dialog box contains the text: "Click Start."

The background interface shows a 'Backlog' with a search bar, quick filters, and a list of issues. A 'Create Sprint' button is visible in the bottom right corner of the background interface.



SSP board

## Sample Sprint 3

QUICK FILTERS: [Only My Issues](#) [Recently Updated](#)


You will be redirected to the Active sprint Board. All the issues are listed under **To Do**.


days remaining [Complete Sprint](#) [...](#)


### To Do

### In Progress


### Done


▼  **SSP-10** **TO DO** 2 sub-tasks As a developer, I can update story and task status with drag and drop (click the triangle at far left of this story to show sub-tasks)

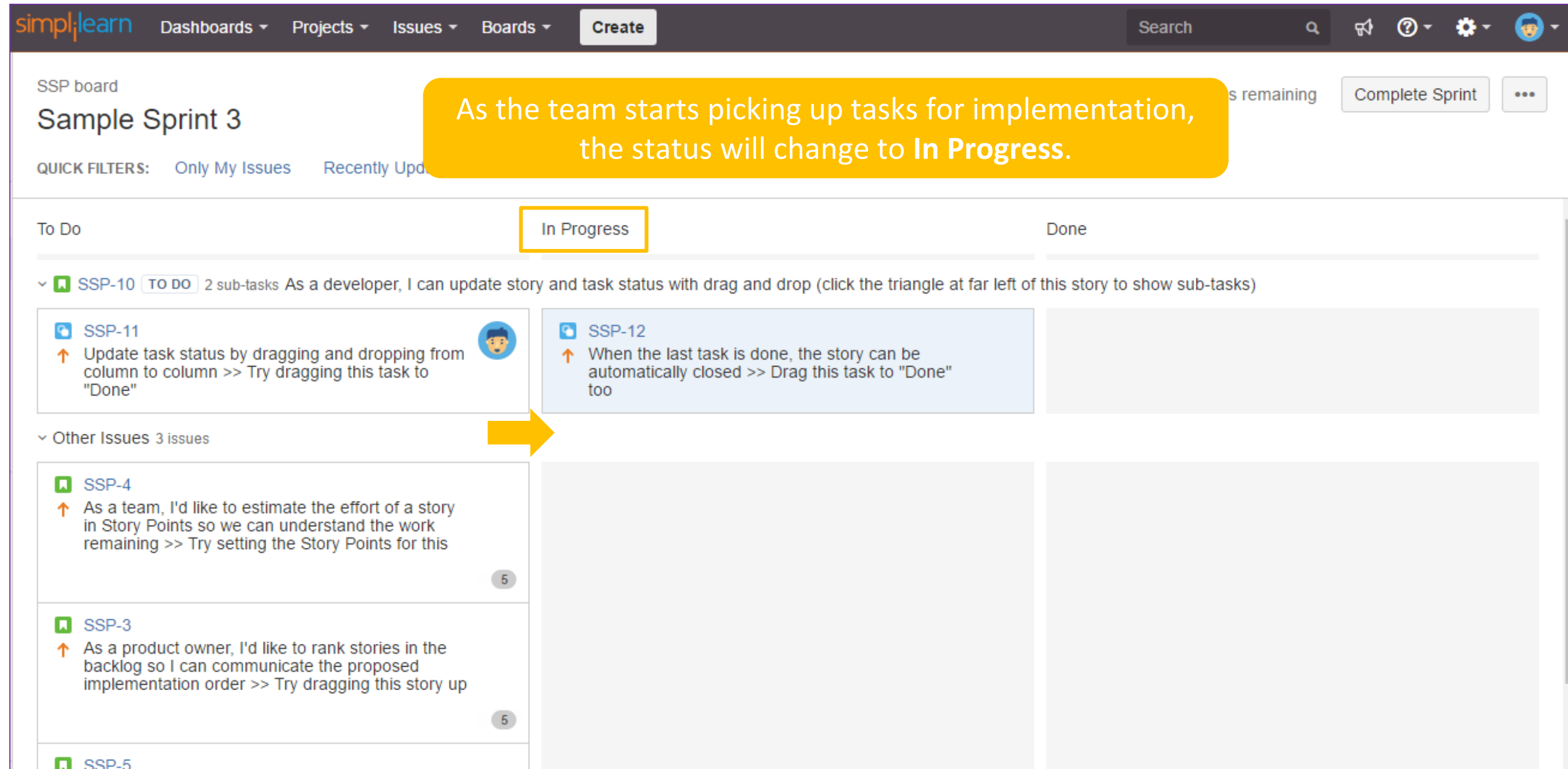
 **SSP-11**  
↑ Update task status by dragging and dropping from column to column >> Try dragging this task to "Done"

 **SSP-12**  
↑ When the last task is done, the story can be automatically closed >> Drag this task to "Done" too

▼ Other Issues 3 issues

 **SSP-4**  
↑ As a team, I'd like to estimate the effort of a story in Story Points so we can understand the work remaining >> Try setting the Story Points for this 5

 **SSP-3**  
↑ As a product owner, I'd like to rank stories in the backlog so I can communicate the proposed implementation order >> Try dragging this story up



The screenshot shows the Simplilearn web application interface for a Scrum Sprint. The top navigation bar includes links for Dashboards, Projects, Issues, Boards, and a Create button. A search bar and user profile icon are also present. The main content area is titled "SSP board" and "Sample Sprint 3". A yellow callout box with the text "As the team starts picking up tasks for implementation, the status will change to In Progress." is overlaid on the board. The board is divided into three columns: "To Do", "In Progress" (highlighted with a yellow box), and "Done". A yellow arrow points from the "To Do" column to the "In Progress" column. The "To Do" column contains several task cards, including SSP-10, SSP-11, SSP-4, SSP-3, and SSP-5. The "In Progress" column contains SSP-12. The "Done" column is currently empty.

SSP board

Sample Sprint 3

QUICK FILTERS: Only My Issues Recently Updated

As the team starts picking up tasks for implementation, the status will change to **In Progress**.

To Do In Progress Done

SSP-10 TO DO 2 sub-tasks As a developer, I can update story and task status with drag and drop (click the triangle at far left of this story to show sub-tasks)

SSP-11 Update task status by dragging and dropping from column to column >> Try dragging this task to "Done"

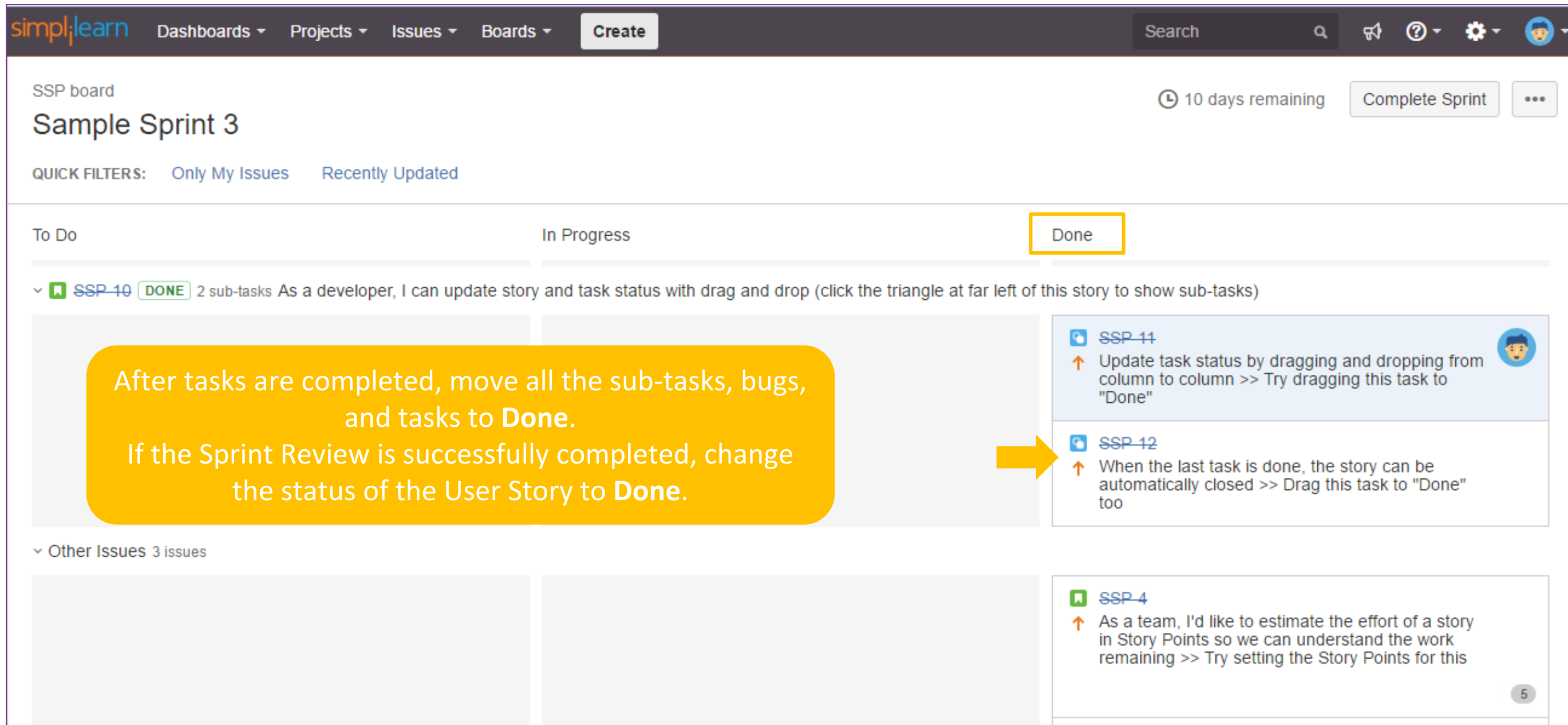
SSP-12 When the last task is done, the story can be automatically closed >> Drag this task to "Done" too

Other Issues 3 issues

SSP-4 As a team, I'd like to estimate the effort of a story in Story Points so we can understand the work remaining >> Try setting the Story Points for this 5

SSP-3 As a product owner, I'd like to rank stories in the backlog so I can communicate the proposed implementation order >> Try dragging this story up 5

SSP-5



The screenshot shows the Simplilearn SSP board interface. At the top, there's a navigation bar with 'simplilearn', 'Dashboards', 'Projects', 'Issues', 'Boards', and a 'Create' button. A search bar and user profile icon are on the right. Below the navigation bar, the board is titled 'SSP board' and 'Sample Sprint 3'. It shows '10 days remaining' and a 'Complete Sprint' button. Under 'QUICK FILTERS', there are 'Only My Issues' and 'Recently Updated' options. The board has three columns: 'To Do', 'In Progress', and 'Done'. The 'Done' column is highlighted with a yellow box. A yellow callout box with text instructions is overlaid on the 'To Do' column. The callout text says: 'After tasks are completed, move all the sub-tasks, bugs, and tasks to **Done**. If the Sprint Review is successfully completed, change the status of the User Story to **Done**.' A yellow arrow points from the callout box to the 'Done' column. The board shows several tasks: 'SSP-10' (DONE) with 2 sub-tasks, 'SSP-11' (Update task status by dragging and dropping from column to column >> Try dragging this task to "Done"), 'SSP-12' (When the last task is done, the story can be automatically closed >> Drag this task to "Done" too), and 'SSP-4' (As a team, I'd like to estimate the effort of a story in Story Points so we can understand the work remaining >> Try setting the Story Points for this). There are also 'Other Issues' and a '5' in a circle at the bottom right.

SSP board

Sample Sprint 3

10 days remaining Complete Sprint

QUICK FILTERS: Only My Issues Recently Updated

To Do In Progress Done

SSP-10 DONE 2 sub-tasks As a developer, I can update story and task status with drag and drop (click the triangle at far left of this story to show sub-tasks)

After tasks are completed, move all the sub-tasks, bugs, and tasks to **Done**.  
If the Sprint Review is successfully completed, change the status of the User Story to **Done**.

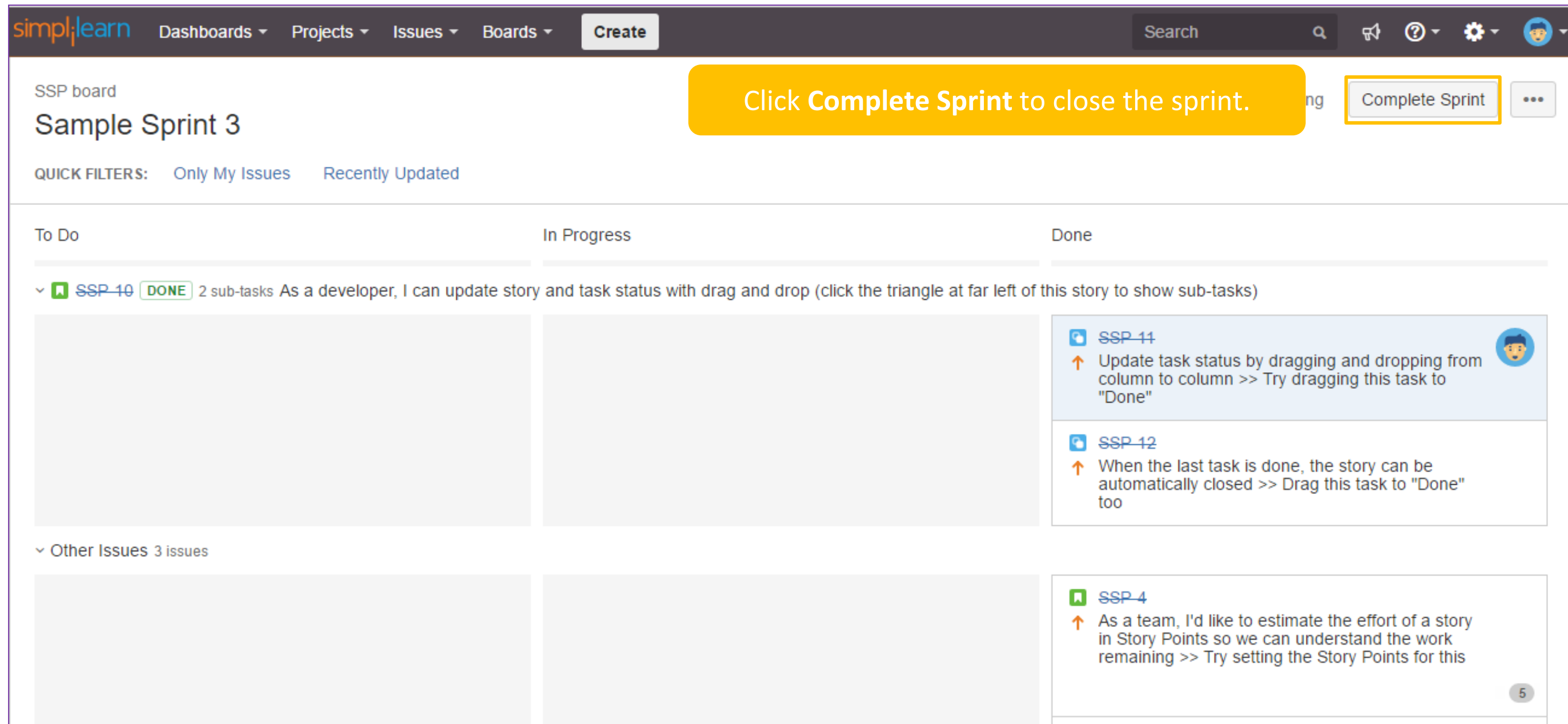
SSP-11 Update task status by dragging and dropping from column to column >> Try dragging this task to "Done"

SSP-12 When the last task is done, the story can be automatically closed >> Drag this task to "Done" too

Other Issues 3 issues

SSP-4 As a team, I'd like to estimate the effort of a story in Story Points so we can understand the work remaining >> Try setting the Story Points for this

5




**simplilearn** Dashboards ▾ Projects ▾ Issues ▾ Boards ▾ Create Search 🔍 🔊 ⓘ ⚙️ 👤 ▾

SSP board

**Sample Sprint 3**

QUICK FILTERS: Only My Issues Recently Updated

**To Do** **In Progress** **Done**

▼  ~~SSP-10~~ DONE 2 sub-tasks As a developer, I can update story and task status with drag and drop (click the triangle at far left of this story to show sub-tasks)

▼ Other Issues 3 issues

**SSP-11**  
↑ Update task status by dragging and dropping from column to column >> Try dragging this task to "Done"

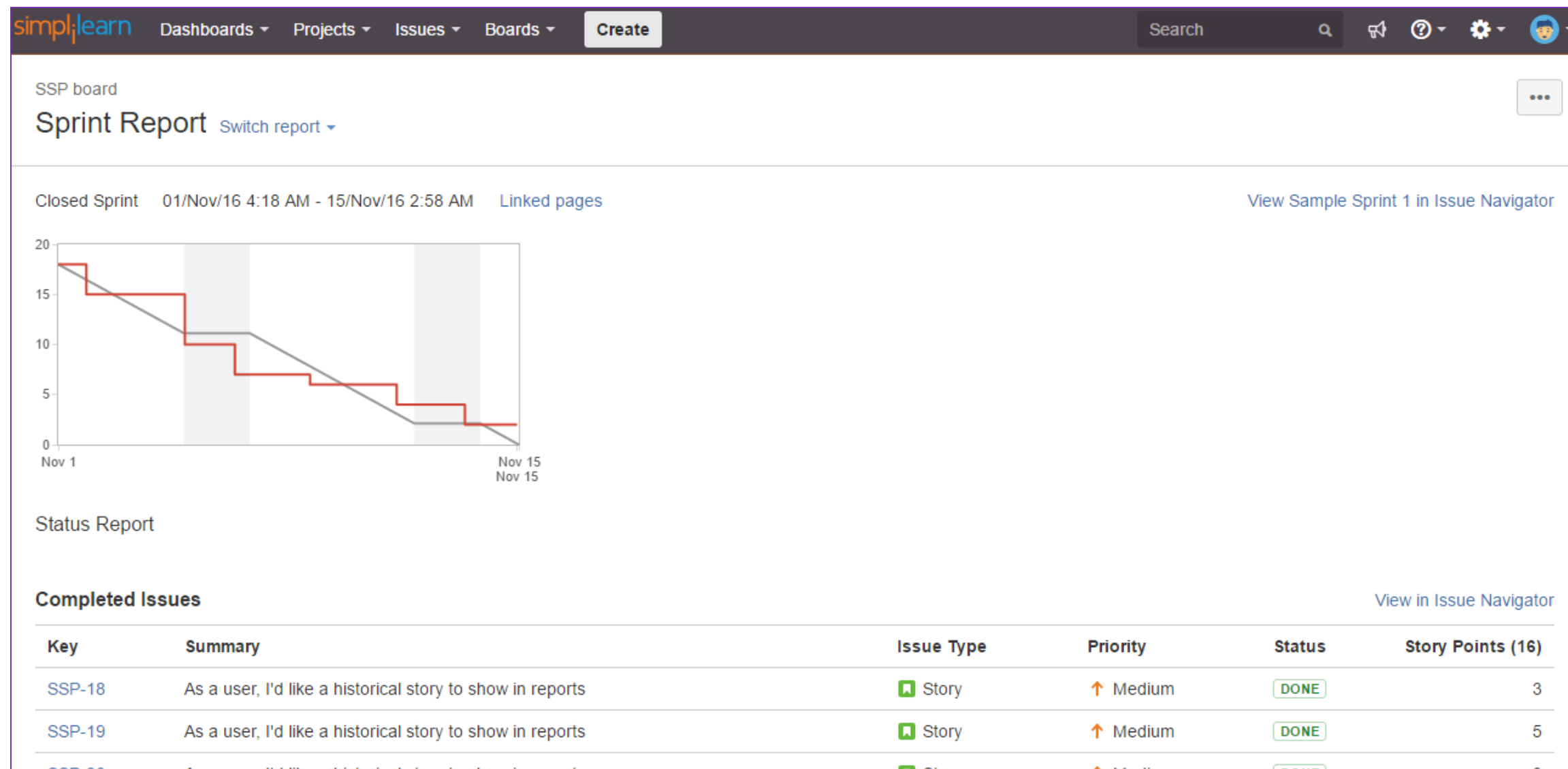
**SSP-12**  
↑ When the last task is done, the story can be automatically closed >> Drag this task to "Done" too

**SSP-4**  
↑ As a team, I'd like to estimate the effort of a story in Story Points so we can understand the work remaining >> Try setting the Story Points for this

5

Click **Complete Sprint** to close the sprint.





On completing a sprint, the Sprint Report is automatically generated and displays the sprint performance.

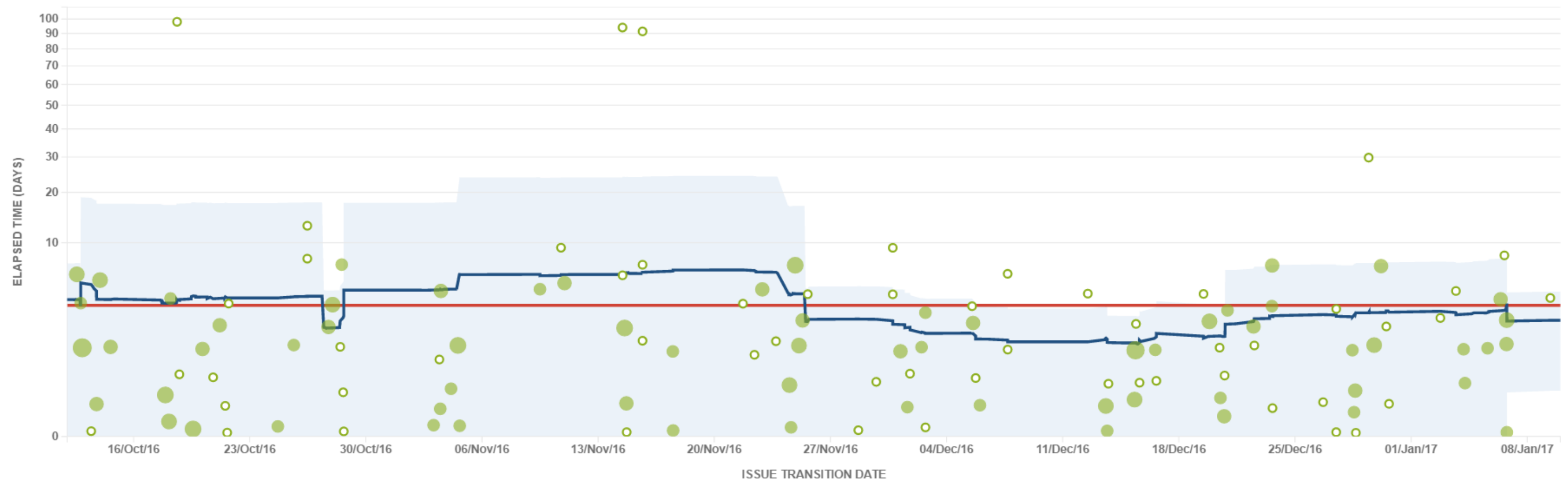


## Control Chart Example

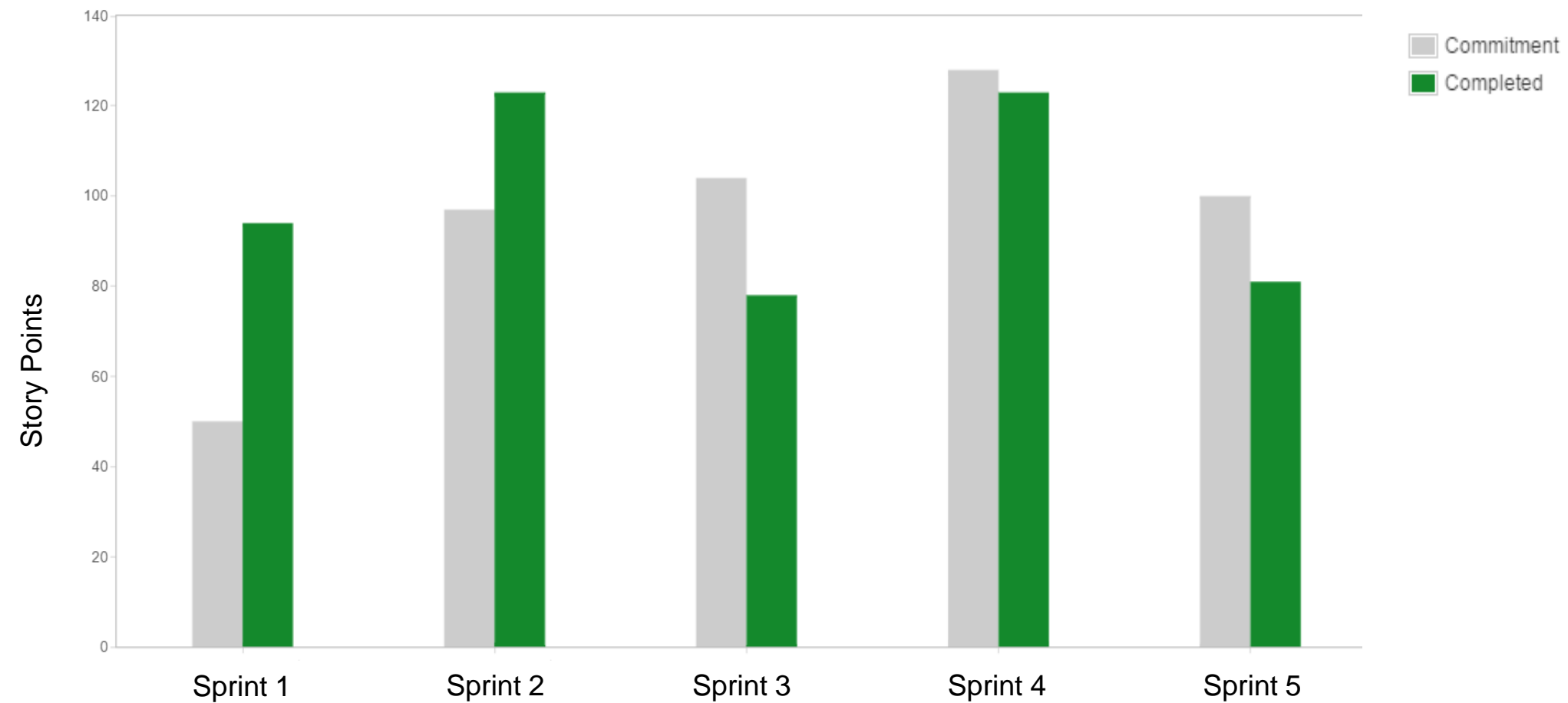
12/Oct/16 to 09/Jan/17 (Past 3 Months) [\(?\) How to read this chart](#)

3d 2h average   23h 59m median   < 1m min time   14w 12m max time   252 issues

○ Issue    Average    Standard deviation  
 Cluster of issues    Rolling average  
49 issue window



## Velocity Chart Example







# Thank You