

# HOW TO CREATE A JIRA SCRUM PROJECT

Here, I have created a SCRUM project in Jira, by exploring the SCRUM agile methodology and familiarizing with all of its elements. Also, I have created user stories and tasks, planning and action sprints, managing the backlog and sprints with the board, creation of epics, adding dependencies and finally creating burn-down charts to evaluate the progression of sprints for flight booking application.

## TASK 1: CREATION OF USER STORIES

Here, I have created tasks to segregate tasks to each sprint from backlogs created.

The screenshot shows the Jira interface for a Scrum project. The left sidebar contains navigation options: PLANNING (Timeline, Backlog, Board, Calendar, List, Goals, Issues), DEVELOPMENT (Add view, Code), and Project pages (Project pages, Add shortcut, Project settings). The main area displays the 'Backlog' view for 'SP Sprint 1'. It includes a search bar, filters for 'Epic' and 'Type', and a 'Start sprint' button. Below the sprint header, there is a section for 'Backlog (6 issues)' with a 'Create sprint' button. The backlog contains six items, each with a checkbox, a description, a status dropdown, and an assignee icon. The last item is highlighted with a blue border.

Issue	Status	Assignee
SP-1 As a traveller, I want to create an account so I can see my up...	TO DO	
SP-2 Design account creation interface	TO DO	
SP-3 Implement Single Sign On	TO DO	
SP-4 Design upcoming flights screen	TO DO	
SP-5 Connect the flight database	TO DO	
SP-6 Connect the boarding passes database	TO DO	
What needs to be done?		

## TASK 2:PLAN WITH SPRINTS AND BACKLOG

Here, I am creating sprints for each tasks to start sprint for 3 total sprints with each functionality.

The screenshot displays the Jira Scrum project backlog for a project named "Scrum project". The interface includes a left sidebar with navigation options: Planning (Timeline, Backlog, Board, Calendar, List, Goals, Issues), Development (Code, Project pages, Add shortcut, Project settings), and a bottom section stating "You're in a team-managed project" with a "Learn more" link.

The main area shows the "Backlog" view with a search bar and filters for "Epic" and "Type". It lists three sprints and a main backlog:

- SP Sprint 1** (3 issues):
  - SP-1: As a traveller, I want to create an account so I can see my up... (TO DO)
  - SP-2: Design account creation interface (TO DO)
  - SP-3: Implement Single Sign On (TO DO)
- SP Sprint 2** (3 issues):
  - SP-4: Design upcoming flights screen (TO DO)
  - SP-5: Connect the flight database (TO DO)
  - SP-6: Connect the boarding passes database (TO DO)
- Backlog** (0 issues):

Your backlog is empty.

Each sprint and the main backlog have a "Start sprint" or "Create sprint" button and a "Create issue" link. The sprint status shows 0 completed, 0 in progress, and 0 remaining issues, with an estimate of 0.

Here, we are assigning numbers for each user stories or subtasks for 2 sprints.

← → ↻ 🏠 yuva06usa.atlassian.net/jira/software/projects/SP/boards/4/backlog 🔍 ☆ 🏠 👤 ⋮

🔧 📌 Your work ▾ Projects ▾ Filters ▾ More ▾ Create ⚡ Upgrade 🔍 Search 🔔 ? ⚙️ 👤

**Scrum project**  
Software project

PLANNING

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**Backlog**

Board

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Projects / Scrum project

## Backlog

🔍 Search 👤 👤 👤 Epic ▾ Type ▾

🔄 📄 🔗

☐ ▾ **SP Sprint 1** 1 Dec – 15 Dec (3 issues) 10 0 0 Complete sprint ⋮

Create the account for flights and boarding passes navigation and implementing single sign on

SP-1	As a traveller, I want to create an account so I can se...	TO DO ▾	5	👤
SP-2	Design account creation interface	TO DO ▾	2	👤
SP-3	Implement Single Sign On	TO DO ▾	3	👤

+ Create issue

☐ ▾ **SP Sprint 2** 16 Dec – 30 Dec (3 issues) 5 0 0 Start sprint ⋮

Connecting the account with flight and boarding passes database

SP-4	Design upcoming flights screen	TO DO ▾	2	👤
SP-6	Connect the boarding passes database	TO DO ▾	2	👤
SP-5	Connect the flight database	TO DO ▾	1	👤

+ Create issue

☐ ▾ **Backlog** (0 issues) 0 0 0 Create sprint

Your backlog is empty.

+ Create issue

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[Learn more](#)

### TASK 3:MANAGE SPRINTS WITH A BOARD

We maintain boards for sprint 1 for the tasks to be performed.

← → ↻ 🔍 yuva06usa.atlassian.net/jira/software/projects/SP/boards/4?sprintStarted=t... ☆ | 👤 ⋮

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**Scrum project**  
Software project

PLANNING

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- 📊 Board**
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+ Add view

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Projects / Scrum project

## SP Sprint 1

Create the account for flights and boarding passes navigation and implementing single...

⚡ ☆ 🔗 ↻ Complete sprint ⋮

🔍 Search 👤 👤 👤 Type ▾

GROUP BY **None** 🔍 📊 🔗

TO DO 3

As a traveller, I want to create an account so I can see my upcoming flights and print boarding passes.

🟢 SP-1 5 👤

Design account creation interface

✅ SP-2 2 👤

Implement Single Sign On

✅ SP-3 3 👤

+ Create issue

IN PROGRESS

DONE ✓

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Followed by this, we assign tasks to in-progress and done tasks to move forward.

← → ↻ 🔍 yuva06usa.atlassian.net/jira/software/projects/SP/boards/4 🔍 ☆ 📁 👤 ⋮

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**Scrum project**  
Software project

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+ Add view

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## SP Sprint 1

Create the account for flights and boarding passes navigation and implementing single...

⚡ ☆ 📁 ↗️ **Complete sprint** ⋮

🔍 Search 👤 👤 👤 Type ▾

GROUP BY **None** 🔄 📊 🔗

TO DO

+ Create issue

IN PROGRESS 1

As a traveller, I want to create an account so I can see my upcoming flights and print boarding passes.

SP-1 5 👤

DONE 2 ✓

Design account creation interface

SP-2 ✓ 2 👤

Implement Single Sign On

SP-3 ✓ 3 👤

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After completing all tasks, we get done for all tasks and user stories for sprint 1 and we give complete sprint.

yuva06usa.atlassian.net/jira/software/projects/SP/boards/4/backlog

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Search Y Epic Type

☐ SP Sprint 1 1 Dec – 15 Dec (3 issues) 0 0 10 Complete sprint

Create the account for flights and boarding passes navigation and implementing single sign on

SP-4	As a traveller, I want to create an account so I can see my upcoming flights ...	DONE ✓	5	
SP-3	Implement Single Sign On	DONE ✓	3	
SP-2	Design account creation interface	DONE ✓	2	

+ Create issue

☐ SP Sprint 2 16 Dec – 30 Dec (3 issues) 5 0 0 Start sprint

Connecting the account with flight and boarding passes database

SP-4	Design upcoming flights screen	TO DO ▾	2	
SP-6	Connect the boarding passes database	TO DO ▾	2	
SP-5	Connect the flight database	TO DO ▾	1	

+ Create issue

3 issues | Estimate: 5

☐ Backlog (0 issues) 0 0 0 Create sprint

Your backlog is empty.

+ Create issue

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We assign numbers for sprint 2 task completion.

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Search Y Epic Type

SP Sprint 2 16 Dec – 30 Dec (4 issues) 5 0 0 Start sprint

Connecting the account with flight and boarding passes database

SP-7	As a traveller, I want to be able to see my upcoming flights and print ...	TO DO	-	
SP-4	Design upcoming flights screen	TO DO	2	
SP-6	Connect the boarding passes database	TO DO	2	
SP-5	Connect the flight database	TO DO	1	

+ Create issue

4 issues | Estimate: 5

Backlog (0 issues) 0 0 0 Create sprint

Your backlog is empty.

+ Create issue

We maintain sprint 3 with user stories and subtasks.

yuva06usa.atlassian.net/jira/software/projects/SP/boards/4?sprintStarted=true

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### SP Sprint 3

Complete sprint

TO DO 3

As a user I want to be able to open a calendar and select the dates so I can easily plan the booking of my flights

FLIGHT BOOKING

SP-10

Design the calendar widget graphics

31 DEC 2021

SP-12

Code the functionality:calendar

10 JAN 2022

SP-13

+ Create issue

IN PROGRESS

IN REVIEW

**Sprint started**

We've filtered the board to show your new sprint. Good luck, team!

Learn more

We assign start date and end date to complete 'design the calendar widget graphics task' and 'code the functionality:calendar' tasks.



← → ↻ yuva06usa.atlassian.net/jira/software/projects/SP/boards/4/backlog 🔍 ☆ 🏠 👤 ⋮

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## Backlog

🔍 Search 👤 👤 👤 Epic ▾ Type ▾ 🔍 📄 🔗 ⚙️

☐ ▾ **SP Sprint 3** 20 Dec - 10 Jan (3 issues) 0 0 0 **Start sprint** ⋮

SP-10	As a user I want to be able to open a calendar and select the date...	FLIGHT BOO...	TO DO ▾	• = 👤
SP-12	Design the calendar widget graphics		TO DO ▾	31 DEC • 👤
SP-13	Code the functionality:calendar		TO DO ▾	10 JAN • 👤

+ Create issue

3 issues | Estimate: 0

☐ ▾ **Backlog** (1 issue) 0 0 0 **Create sprint**

SP-11	As a traveller I want to be able to book again a frequent destinati...	FLIGHT BOO...	TO DO ▾	• = 👤
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+ Create issue

✔ **Issue type updated** ✕

"Task" has been successfully updated.

[Back to SP-12](#)

You're in: [Learn more](#)

We just shift the task from to-do list to in-progress task.

The screenshot shows the Jira interface for a Scrum project named 'Scrum project' (Software project). The URL in the browser is [yuva06usa.atlassian.net/jira/software/projects/SP/boards/4](https://yuva06usa.atlassian.net/jira/software/projects/SP/boards/4). The left sidebar contains navigation options: 'Your work', 'Projects', 'Filters', 'Dashboards', 'More', 'Create', 'Upgrade', and a search bar. Below these are project-specific options: 'Scrum project', 'Software project', 'PLANNING' (Timeline, Backlog, Board, Calendar, List, Goals, Issues), 'Add view', 'DEVELOPMENT' (Code), 'Project pages', 'Add shortcut', and 'Project settings'. The main area displays 'SP Sprint 3' with a search bar, user avatars, and filters for 'Epic' and 'Type'. A 'Complete sprint' button is visible. The board is divided into three columns: 'TO DO 2', 'IN PROGRESS 1', and 'IN REVIEW'. The 'TO DO' column contains two issues: 'As a user I want to be able to open a calendar and select the dates so I can easily plan the booking of my flights' (SP-10) and 'Design the calendar widget graphics' (SP-12). The 'IN PROGRESS' column contains one issue: 'Code the functionality:cal...' (SP-13). The 'IN REVIEW' column is currently empty. A '+ Create issue' button is present at the bottom of each column.

#### TASK 4:CREATE AN EPIC

Here, we apply epic to sprint 3 for flight booking functionality for user stories.

yuva06usa.atlassian.net/jira/software/projects/SP/boards/4/backlog?epics=visible

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Search

Y

Epic

Epic

Issues without epic

Flight booking

+ Create epic

SP Sprint 3 31 Dec - 14 Jan (0 issues)

Start sprint

Plan your sprint

Drag issues from the Backlog section, or create new issues, to plan the work for this sprint. Select **Start sprint** when you're ready.

+ Create issue

0 issues | Estimate: 0

Backlog (2 issues)

Create sprint

SP-10 As a user I want to be able to open a calendar and sele... TO DO

SP-11 As a traveller I want to be able to book again a frequen... TO DO

+ Create issue

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Search

Y

Epic

Epic

Issues without epic

Flight booking

+ Create epic

SP Sprint 3 31 Dec - 14 Jan (1 issue)

Start sprint

Import work Insights View settings

SP-10 As a user I want to be able to open a calendar and select the dates so I can easily plan the booking of my flights FLIGHT BOOKING TO DO

+ Create issue

1 issue | Estimate: 0

Backlog (1 issue)

SP-11 As a traveller I want to be able to book again a frequent destination flight so I can easily travel often changing just my dates FLIGHT BOOKING TO DO

+ Create issue

Here, we assign start and due date for sprint 3 tasks completion.

The screenshot shows the Jira Backlog view for a Scrum project. The interface includes a sidebar with navigation options: Planning, Timeline, Backlog, Board, Calendar, List, Goals, Issues, Add view, Development, Code, Project pages, Add shortcut, and Project settings. The main area displays the Backlog with a search bar, filters for Epic and Type, and a list of issues. An 'Epic' sidebar on the left shows details for 'Flight booking', including start and due dates. The main list shows issues for 'SP Sprint 3' and 'Backlog'.

Issue ID	Description	Status	Priority
SP-10	As a user I want to be able to open a calendar and s...	TO DO	High
SP-12	Design the calendar widget graphics	TO DO	Medium
SP-13	Code the functionality:calendar	TO DO	Medium
What needs to be done?			

## TASK 5: ADD DEPENDENCIES

Here, we take additional features from suggested fields located in the below screenshot like start date and due date to context fields area.

The screenshot shows the Jira 'Task' issue type configuration page. The left sidebar lists 'Issue types' with 'Task' selected. The main content area shows the 'Task' issue type configuration, including 'Description fields' (Summary, Change type, Description) and 'Context fields' (Status, Start date, Due date, Assignee, Labels, Parent, Sprint, Story point estimate). A 'Fields' panel on the right allows creating custom fields from a grid of types like Short text, Paragraph, Date, Number, Time stamp, Labels, Dropdown, Checkbox, People, Dependent dropdown, and URL. A search bar for fields is also present. A notification at the bottom states 'Issue type updated: Task has been successfully updated.' with a 'Back to SP-12' link.

We then proceed with sprint 2 with user story and subtasks assigned as child issue. Here for the user story, “As a traveller, I want to be able to see my upcoming flights and print boarding passes to speed up my boarding process”, we link child issue as “Design flight search functionality”

yuva06usa.atlassian.net/jira/software/projects/SP/boards/4/backlog?selectedIssue=SP-7

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PLANNING

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+ Add view

DEVELOPMENT

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### Backlog

Search

Y 8 Epic Type

SP Sprint 2 16 Dec - 30 Dec (4 issues) 5 0 0 Start

Connecting the account with flight and boarding passes database

SP-7	As a traveller, I want to be able ...	TO DO	
SP-4	Design upcoming flights screen	TO DO	2
SP-6	Connect the boarding passes database	TO DO	2
SP-5	Connect the flight database	TO DO	1

+ Create issue

4 issues | Estimate: 5

Backlog (0 issues) 0 0 0 C

Your backlog is empty.

+ Create issue

Add epic / SP-7

### As a traveller, I want to be able to see my upcoming flights and print boarding passes to speed my boarding process

To Do Actions

Description

Add a description...

Child issues

Order by ... +

SP-8 Design flight search f... TO DO

Subtask What needs to be done?

Choose an existing issue Create Cancel

Confluence content

Product requirements TRY TEMPLATE

Details

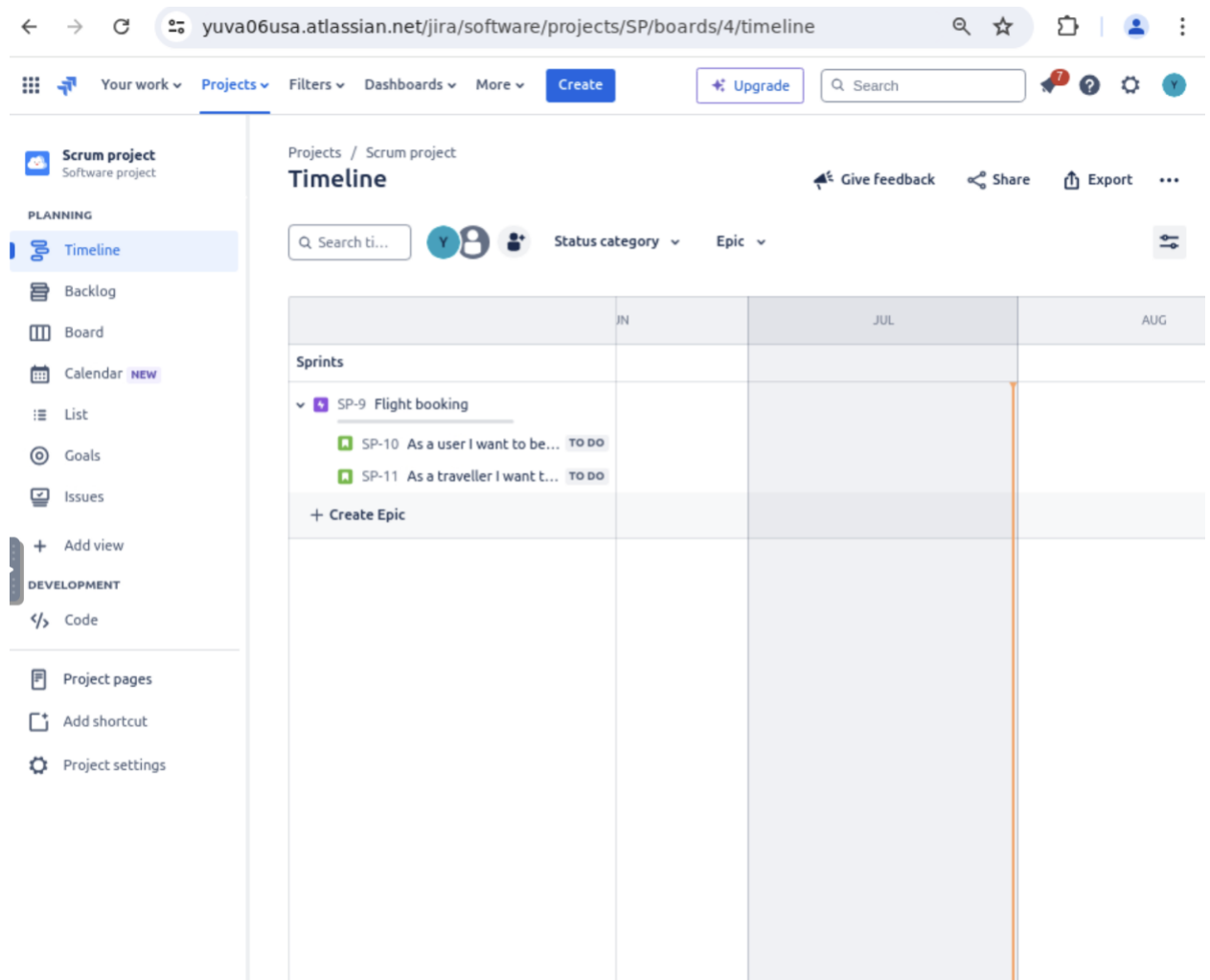
Assignee Unassigned Assign to me

Labels None

Parent NEW None

## TASK 6: CREATE A BURNDOWN CHART

Before going to burndown chart, we set a timeline for tasks completion in sprint 3.



Simple dashboard has been created but I was able to notice linear line starting with 0, thinking there might be a mistake while creating sprints was an insight that I got while creating this dashboard.

## Dashboard 1

★ 🔗 Refresh ↺ Edit ✎ ⋮

