Sprints & Jira

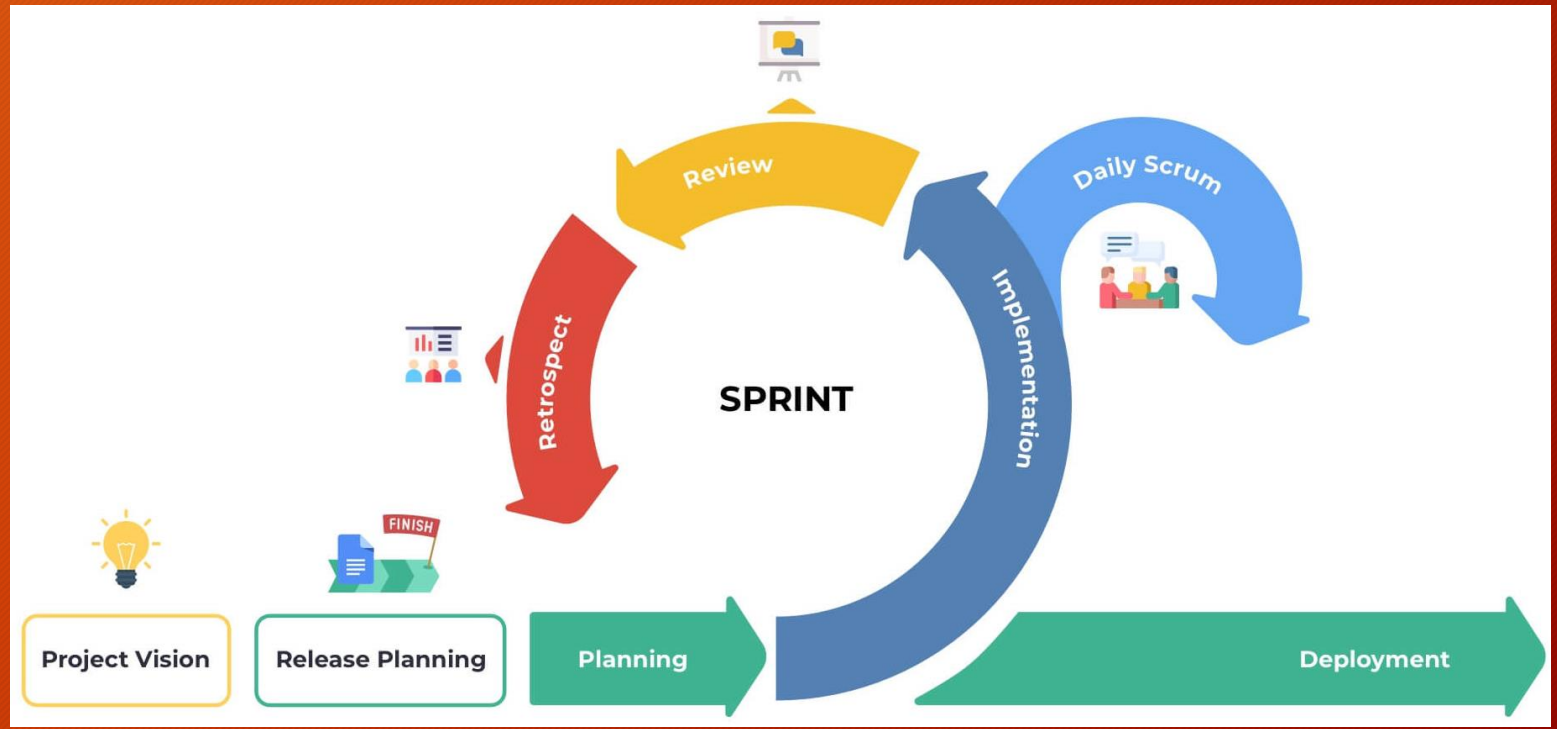
A software development management tool

Scrum is all about sprints

- Product owner has Backlog ready
- Scrum Team create sprints from backlog
- Sprints end with value

Phases of a Scrum Sprint

1. Sprint Planning
2. Daily Scrum
3. Sprint Review
4. Sprint Retrospective



Sprint Planning

- Determine a goal of the sprint
- Load sprint with stories to reach goal
- Make sure stories match your *"definition of ready"*

If these words do not make sense right now
Don't worry, you will learn them in GSE :)

Phases of a Scrum Sprint

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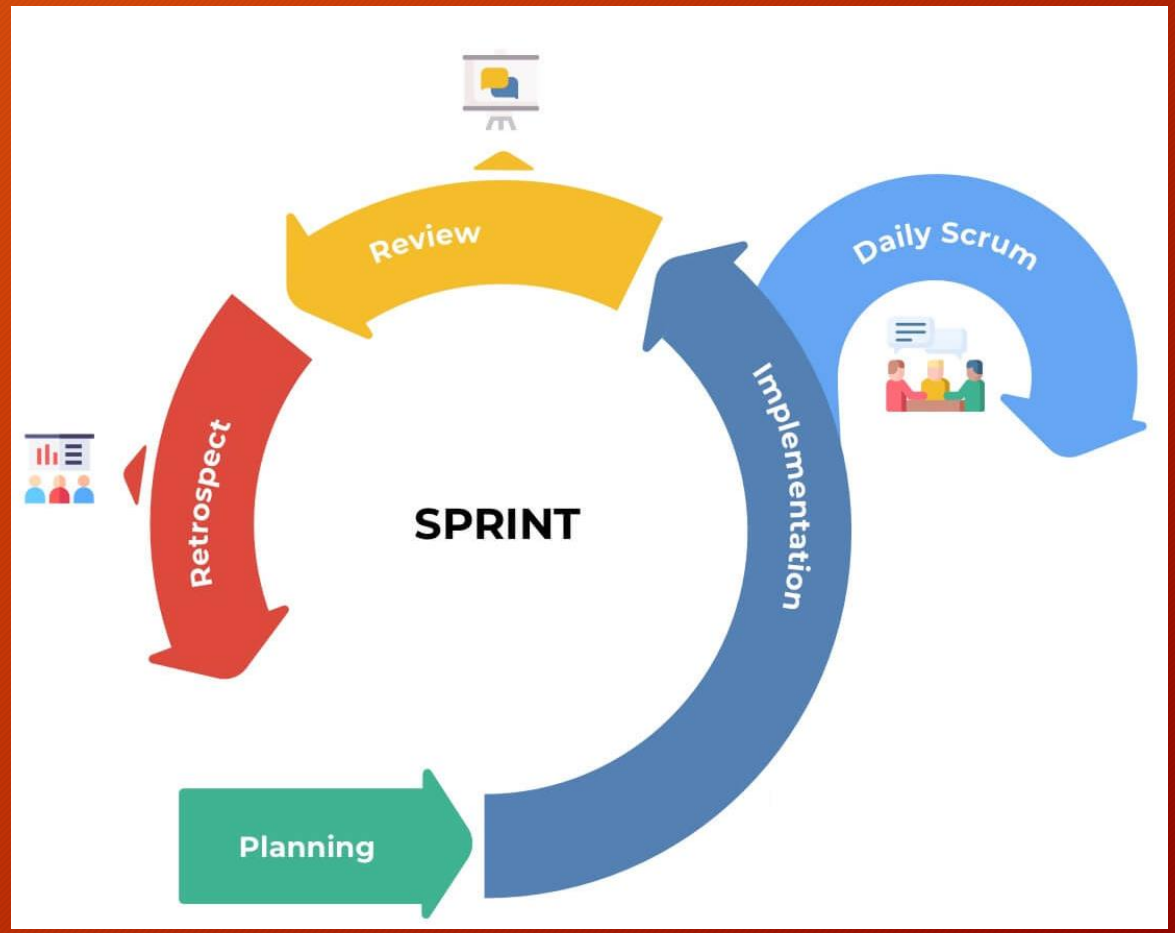

Daily Scrum

- Meeting with scrum team devs
- Identify impediments
- Evaluate progress
- Decision making

Phases of a Scrum Sprint

1. Sprint Planning
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2. Daily Scrum
   - Show progress
   - Identify impediments
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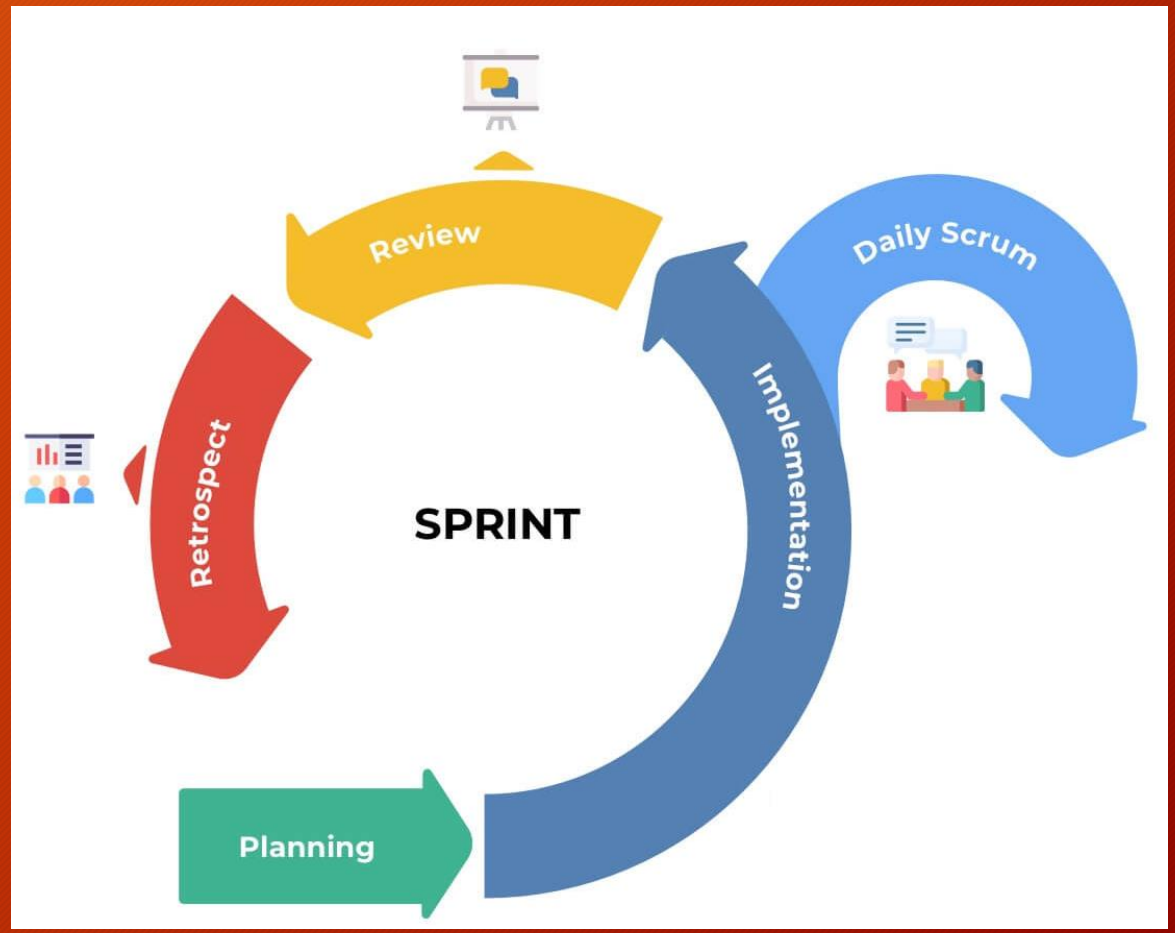

Sprint Review

- Focus on the product
  - Technically with Product Owner and stake holders
- Go through completed stories of the sprint
- Inspect backlog and future sprint goal
- Evaluate velocity and sprint flow

Phases of a Scrum Sprint

1. Sprint Planning
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   - Show progress
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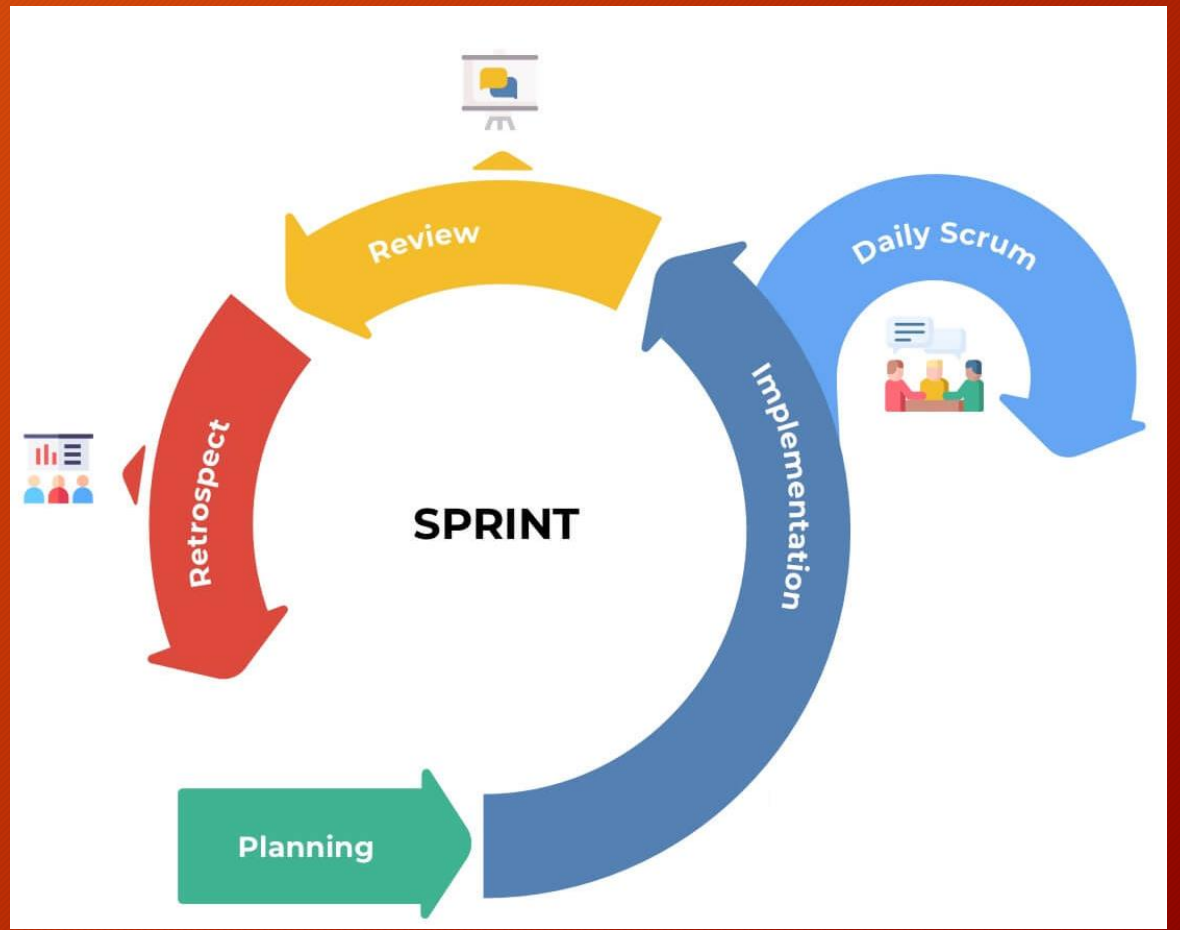
3. Sprint Review
   - What has been done?
   - What to do next?
4. Sprint Retrospective



Sprint Retrospective

- Focus on the process
  - Only with Devs
- In technical detail
- Asses quality of collaboration
  1. What went well?
  2. What didn't go well?
  3. What could have been done better?
  4. What have you learned?
- Reconfigure *"Definition of Done"*

Phases of a Scrum Sprint

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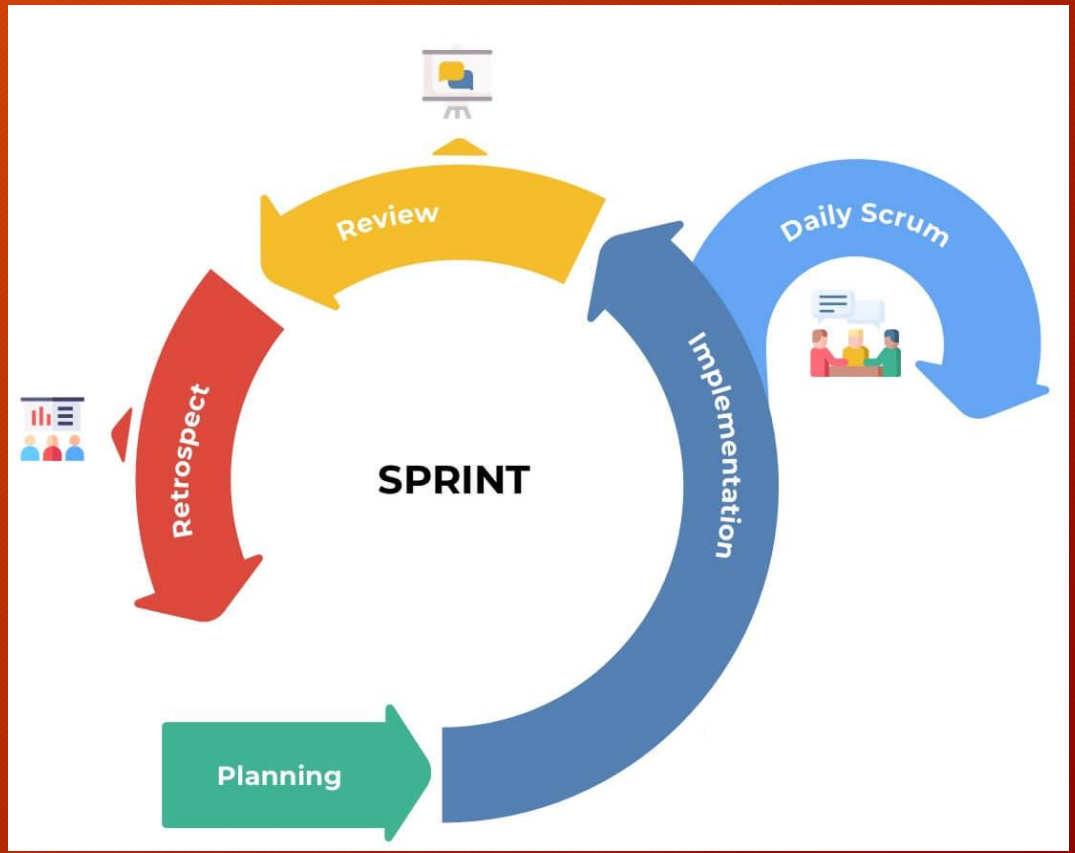
4. Sprint Retrospective
   - Evaluate Processes, Communications, DoD, etc.
   - Improve developer efficiency



Confused about DoD and DoR?

https://www.scrum.org/resources/blog/walking-through-definition-ready

If User stories are ready for a sprint → Definition of Ready

Is it estimated with story points?
Does it have tasks?
Does it contain a specific user?
Does it fit the *connextra template*?

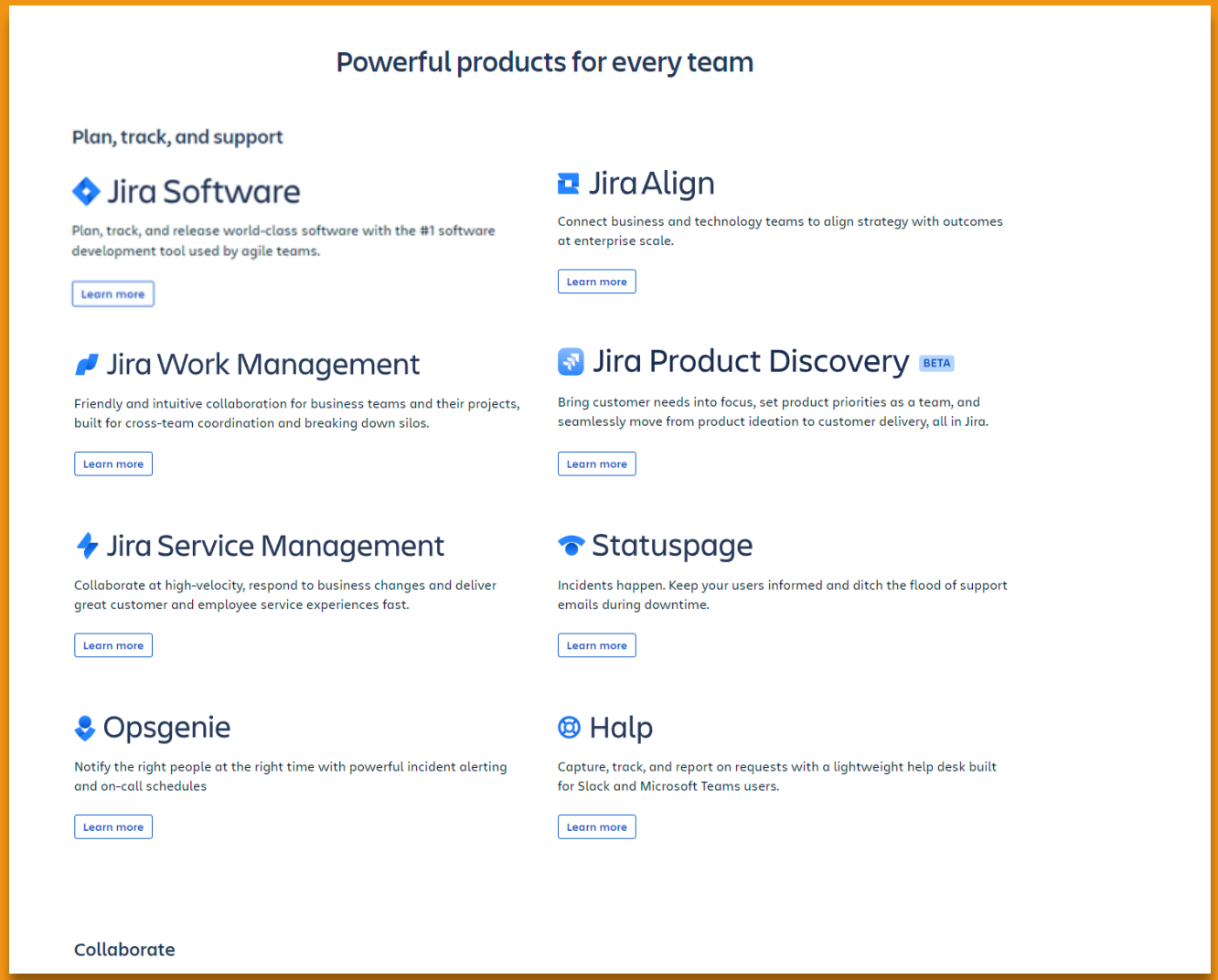
If User stories are done after a sprint → Definition of Done

Have the tests been reviewed and passed?
Has the code has been reviewed?
Does the code base comply with compliance?
Are Acceptance criteria met?

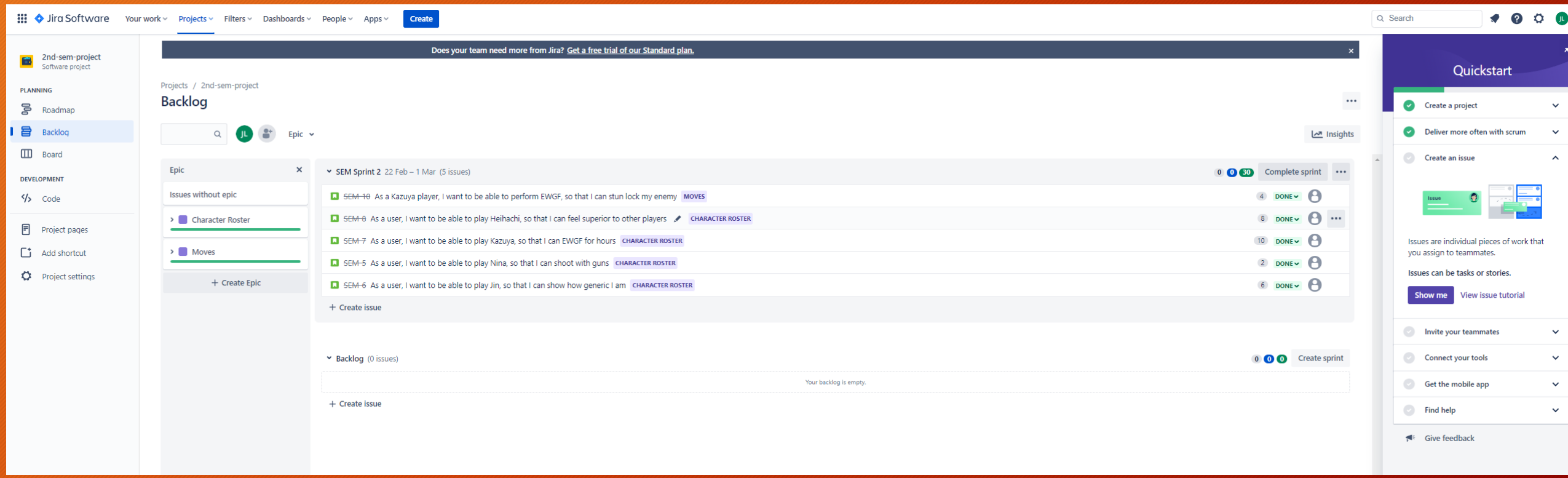
https://www.leadingagile.com/2017/02/definition-of-done/

Jira is not just Jira

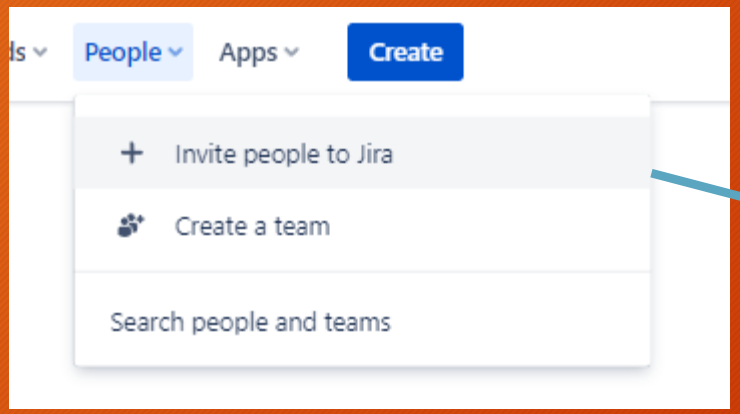
https://www.atlassian.com/software

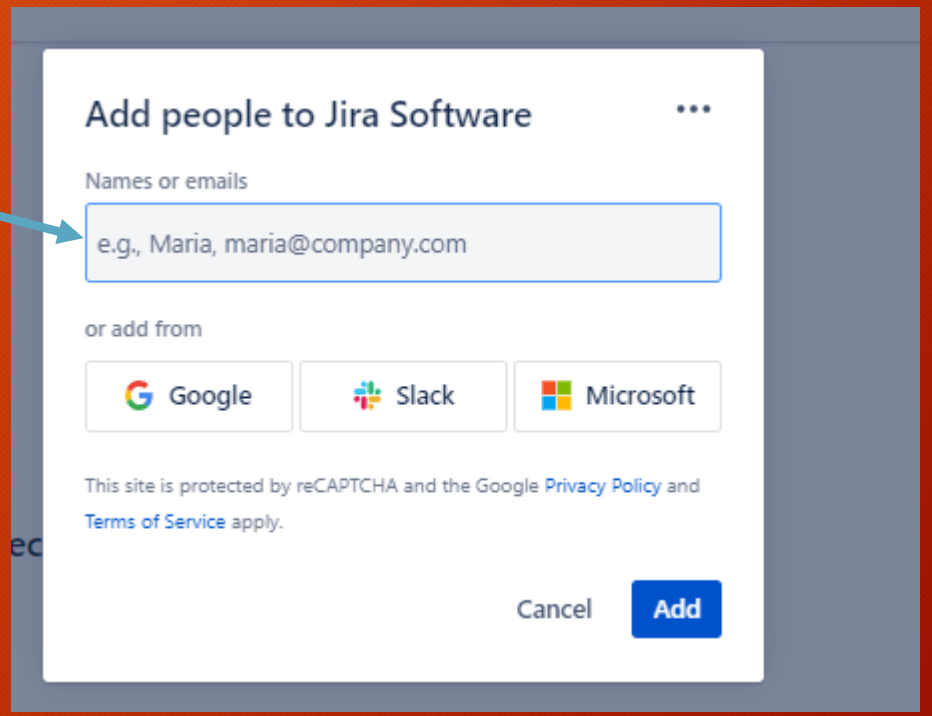


The dashboard



Add friends to your group





Recommend a project

Answer a few questions and we will suggest a project type that works best for you and your team.

Help us set up your Jira

I am new to Jira.

I am setting up Jira for my software team(s)

My team is new to agile methodologies.

We spend our time working on features .

We have a tight schedule to finish our work.

Skip Next

Create project

You can change these details anytime in your project settings.

*indicates a required field.

Name *

2nd-sem-project

Template

More templates

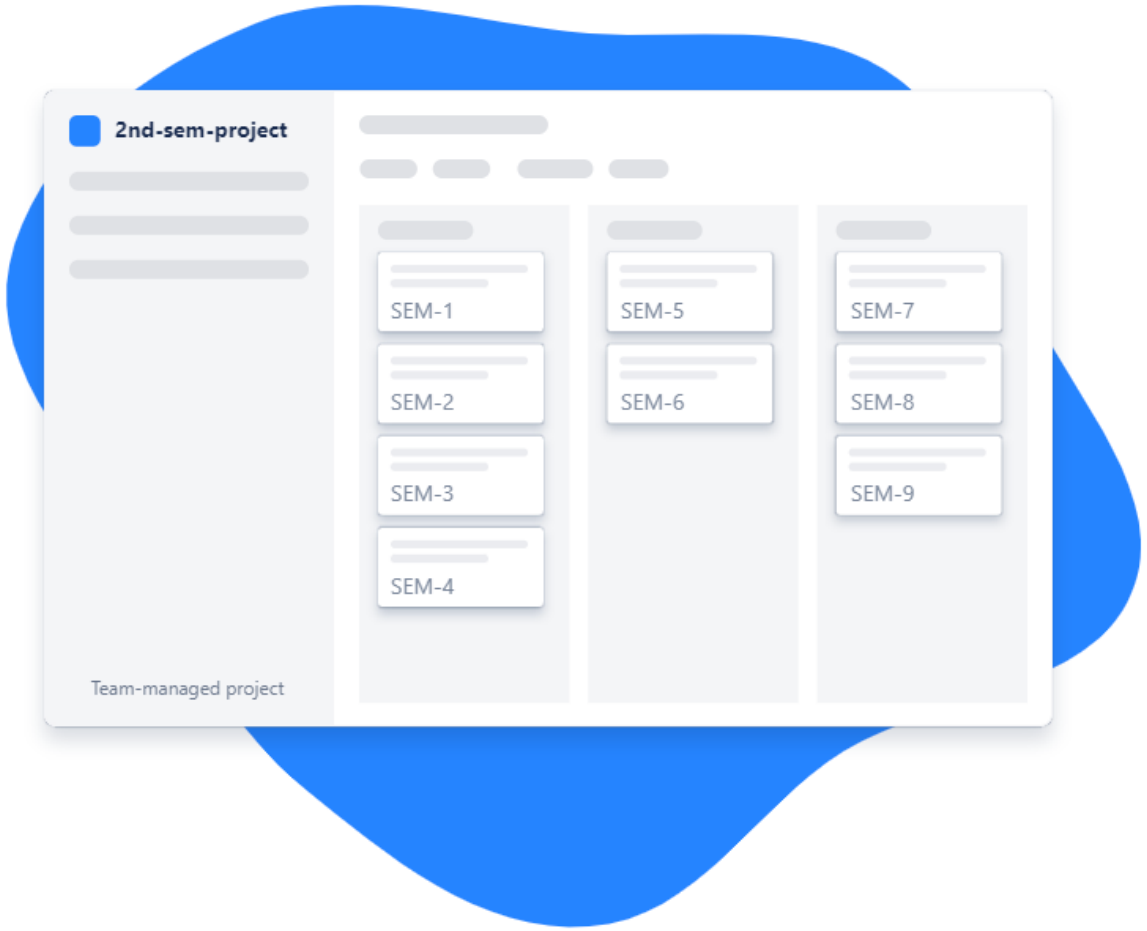
RECOMMENDED

Scrum

Sprint toward your project goals with a board, backlog, and roadmap.

› More options

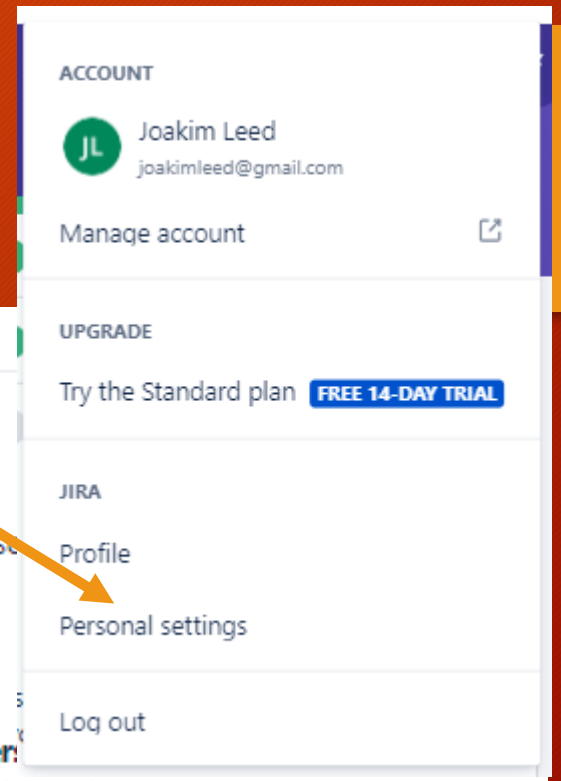
Create Back



Task 1: A new beginning

- Find your Semester project group members
- Create a Jira account (If SDU hasn’t granted you one)
- Create a single project in each group
- Invite all of your group members

Personal settings



Jira labs

Labs features let us experiment with new ideas and get real-world feedback to improve on them. They are works in progress, s
break, or may not end up released at all.

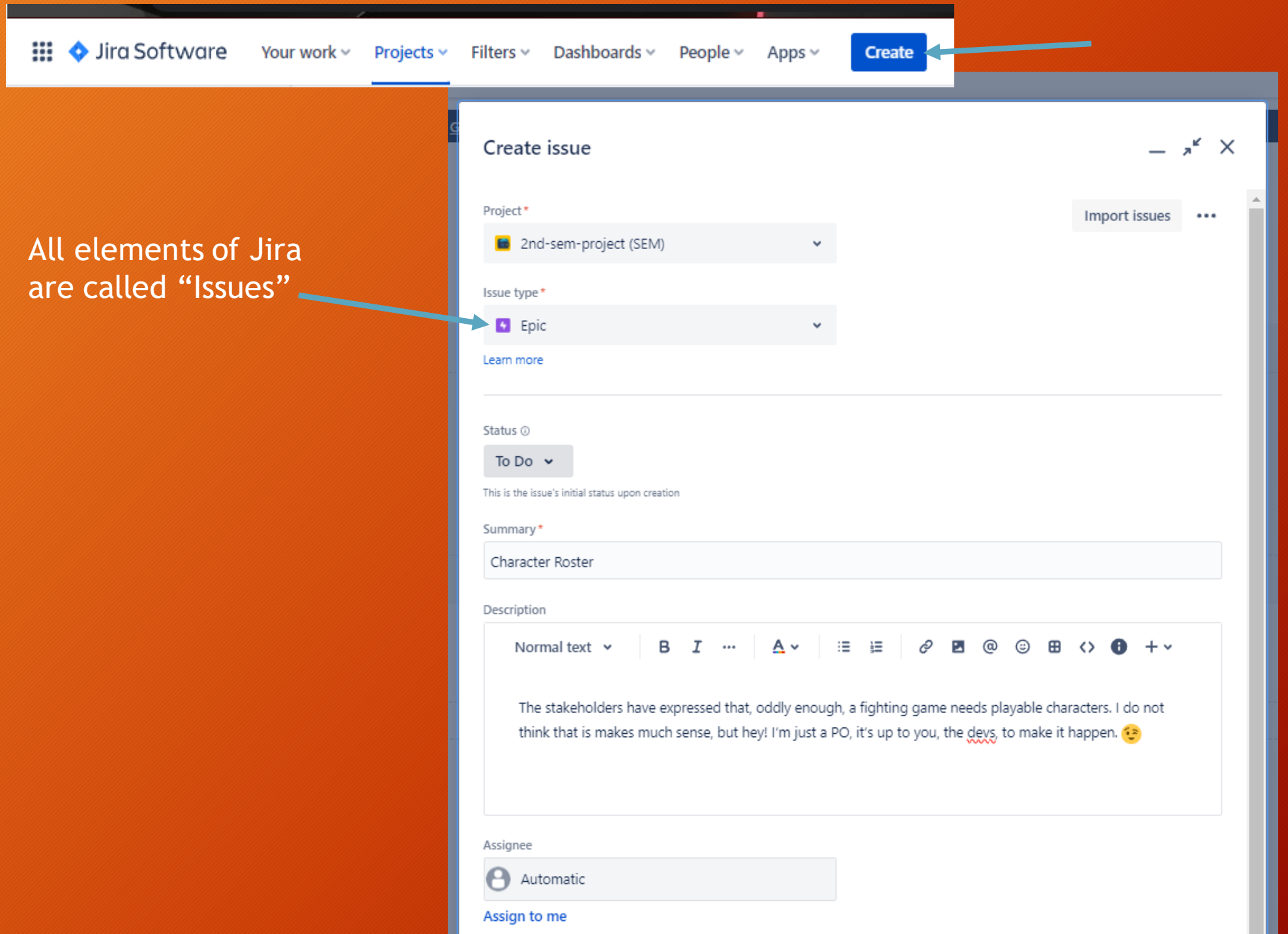
Light and dark themes

Opt in to try light and dark themes in Jira. Once enabled, you'll get a theme preference selector in **Per**
which you can use to switch between themes. You can also set your theme to match your system settings. There are
a few areas of Jira that aren't compatible with the new themes yet. Learn more about what we're still working on.

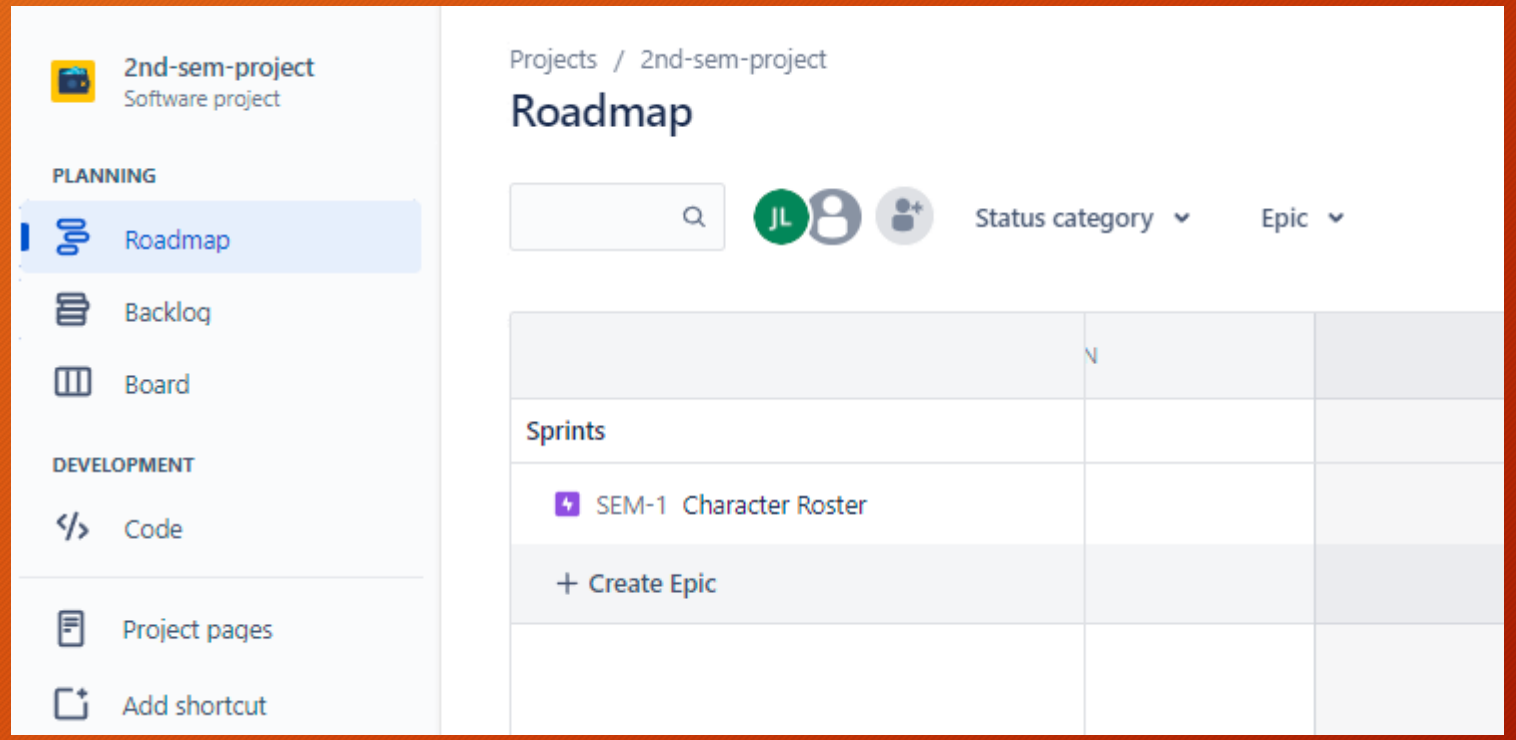
Adding epics

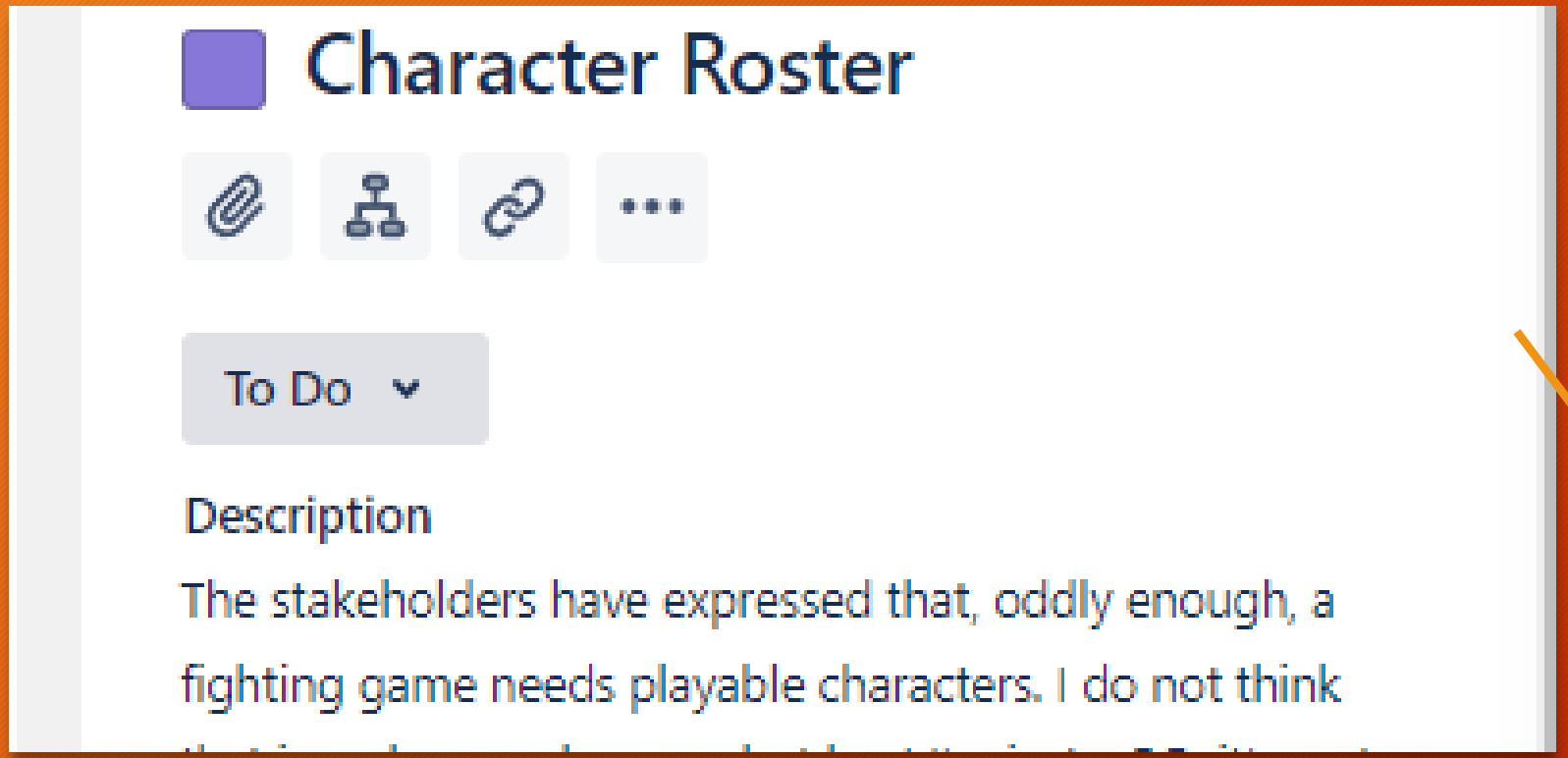
- Let’s make an Epic
- Find it on our road maps
- Make User Stories and attach them to it

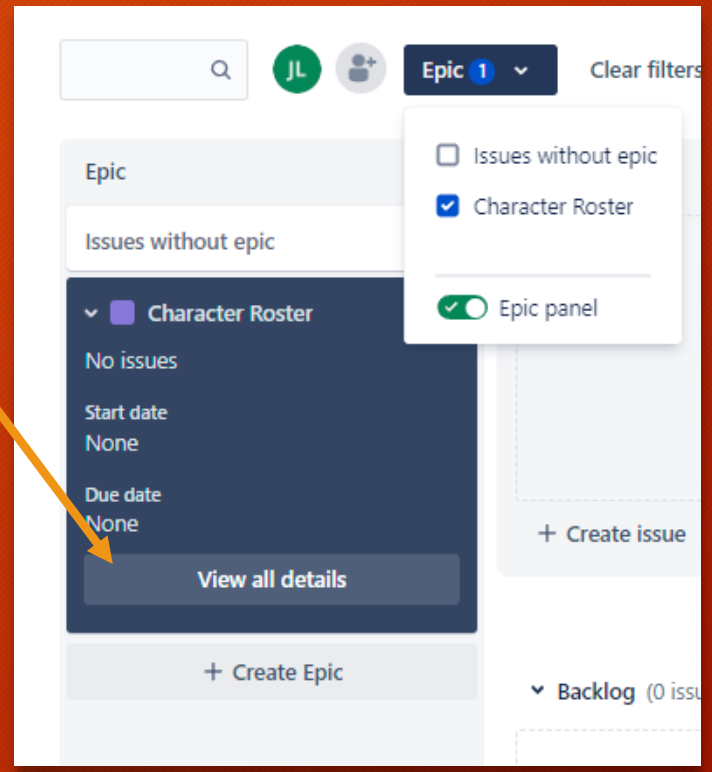
All elements of Jira are called “Issues”



It’s now in our roadmap!







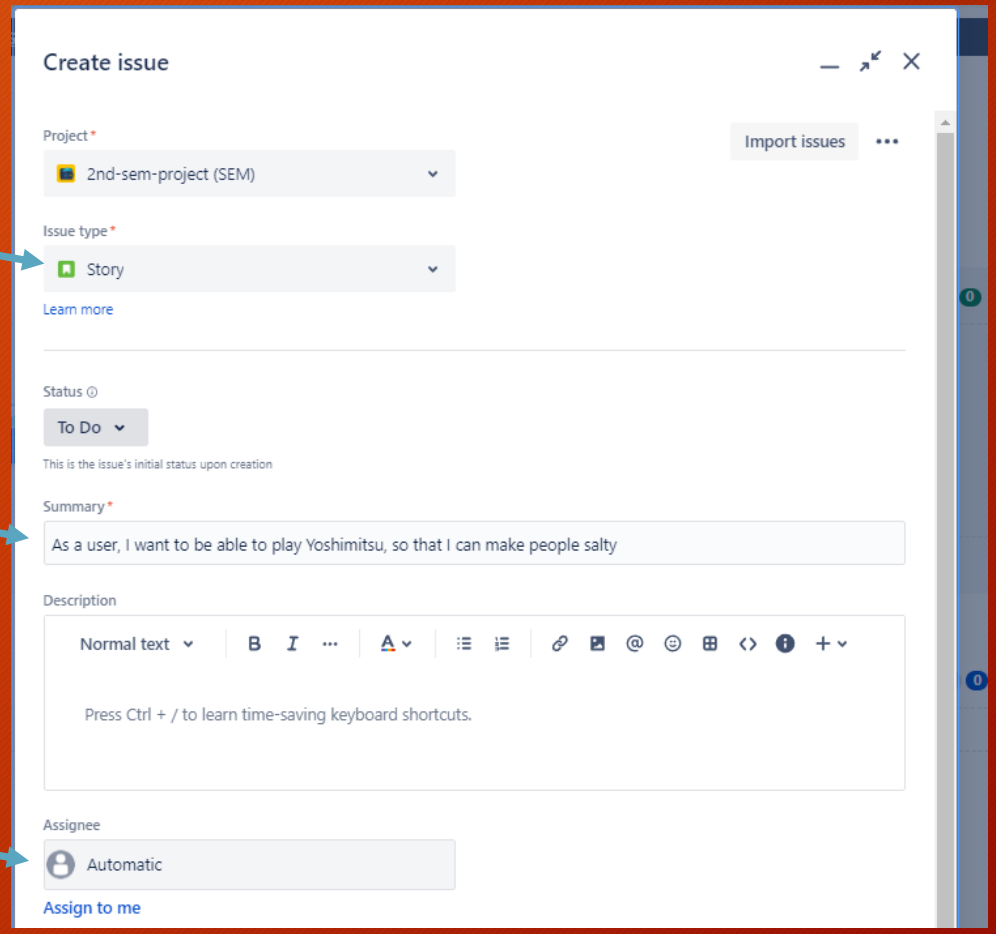
We can toggle visibility

Let’s add an User story

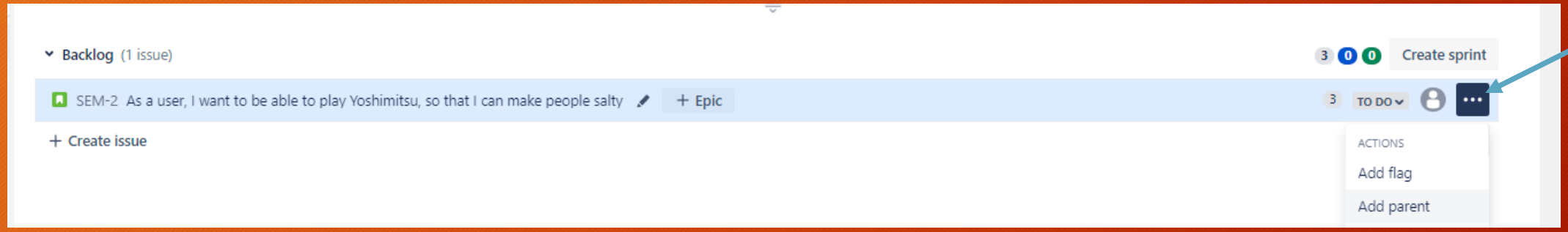
Set issue Type

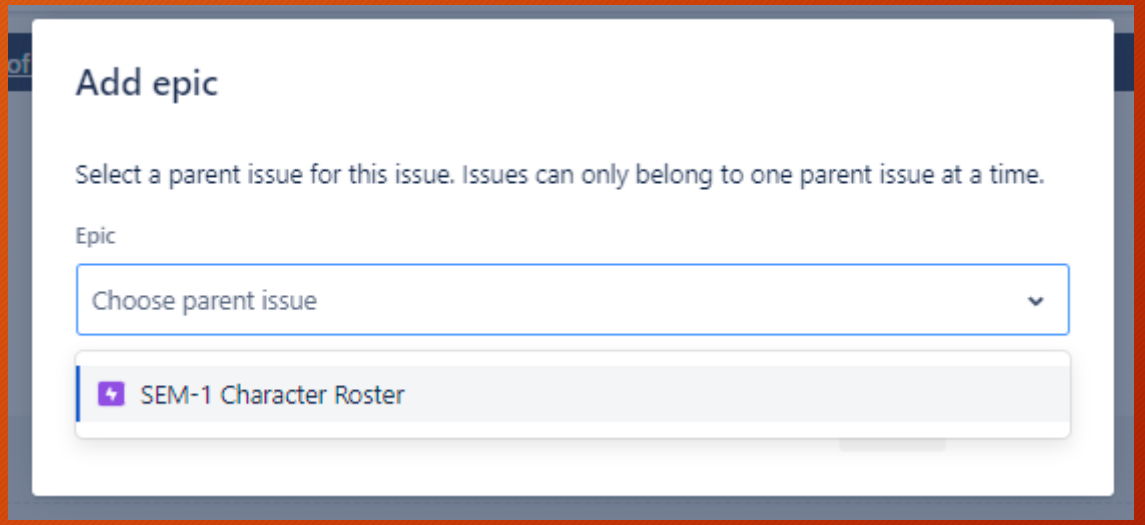
Give it a summary

Assign it to a member

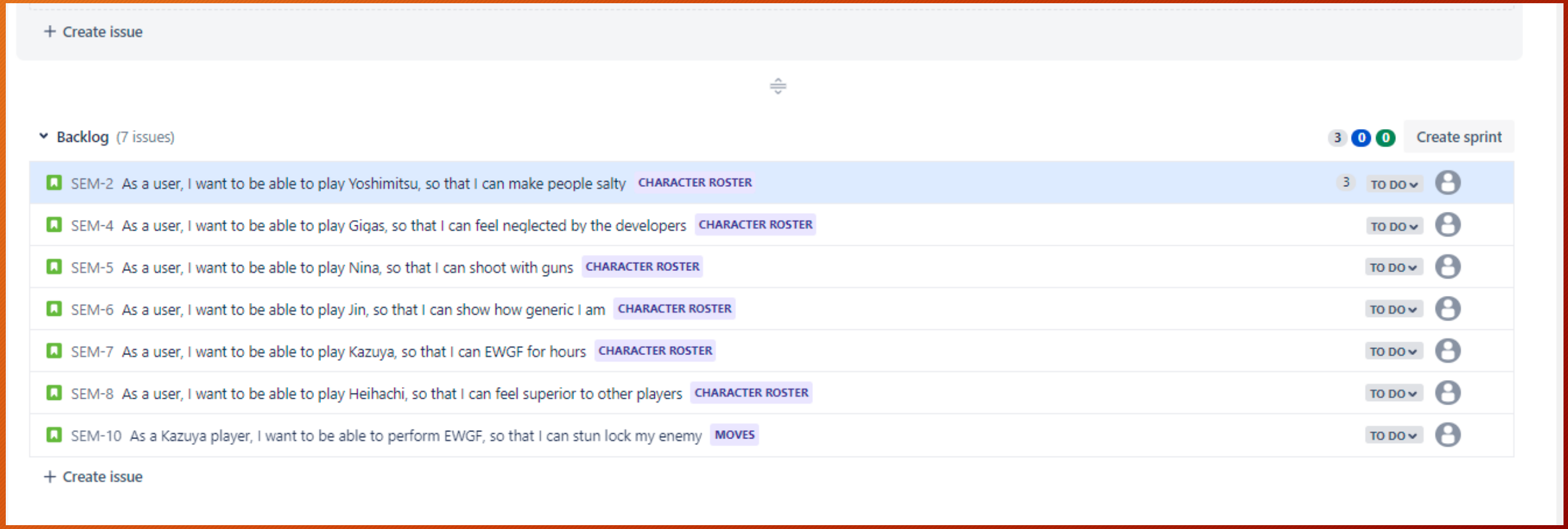


Let’s attach it to our Epic!





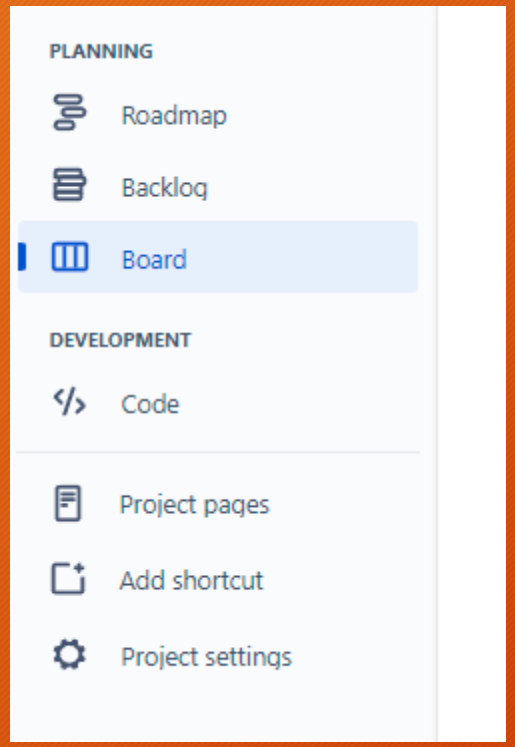
Perfect! Now our Backlog has plenty of stories

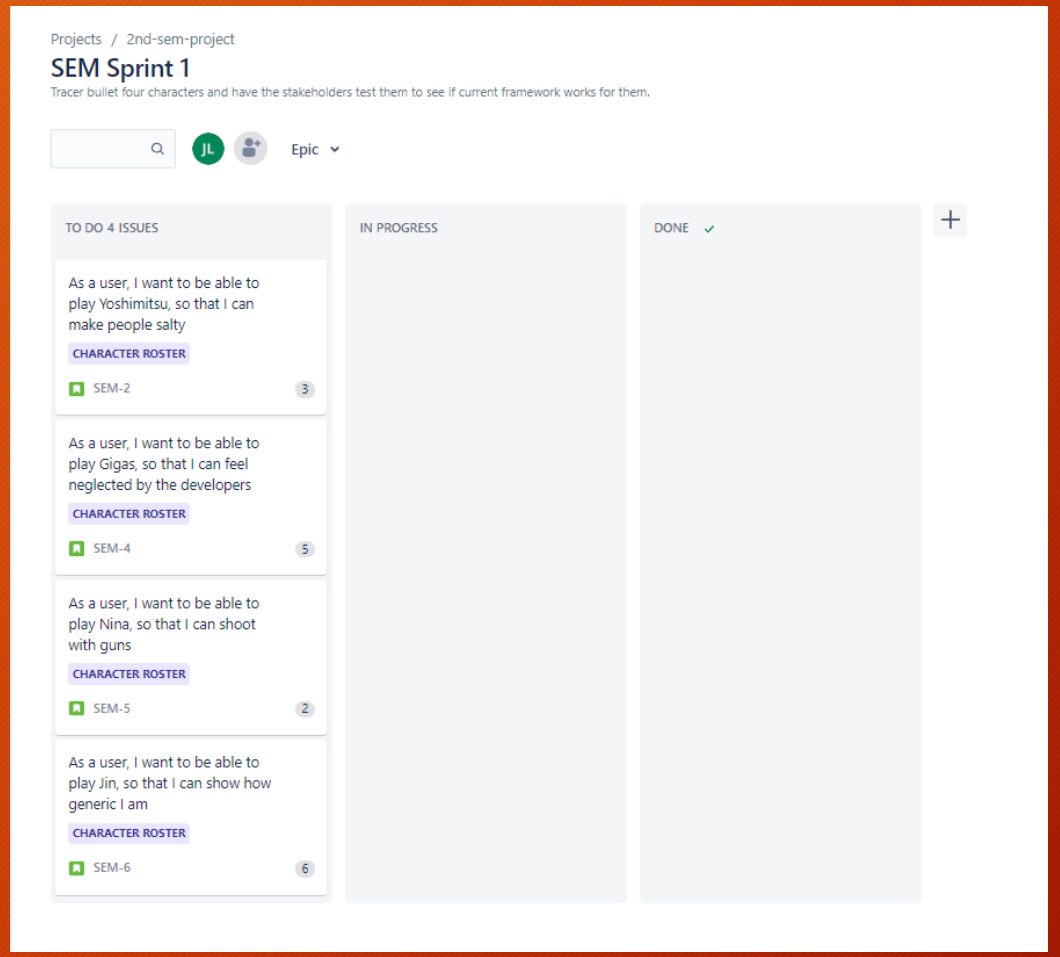


Task 2: Create a back log!

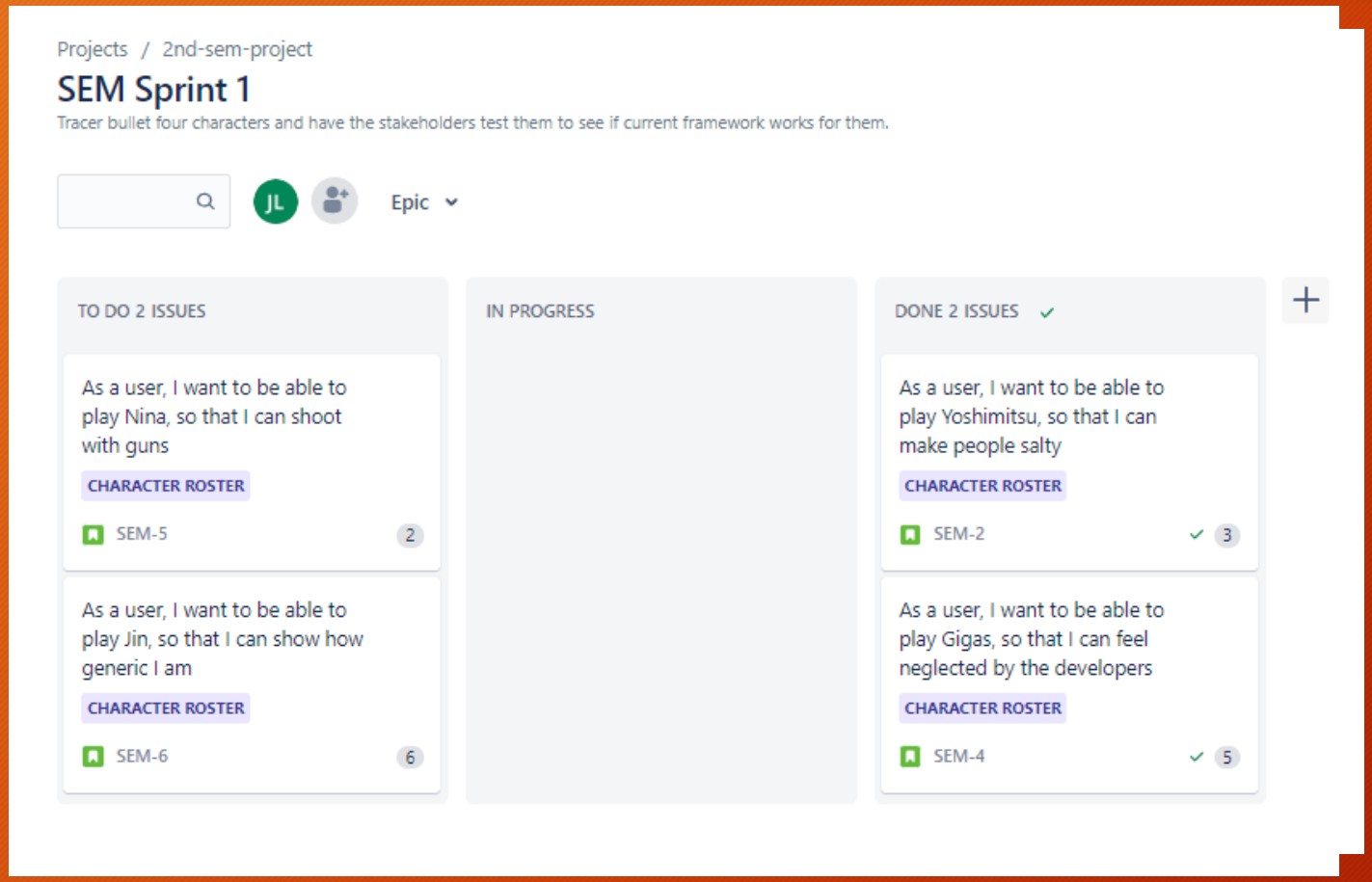
- Create an Epic of some random topic
- Create seven user stories
- Attach them to an epic
- Have Jira display the stories of the epic in the Back Log

Let’s make a sprint!

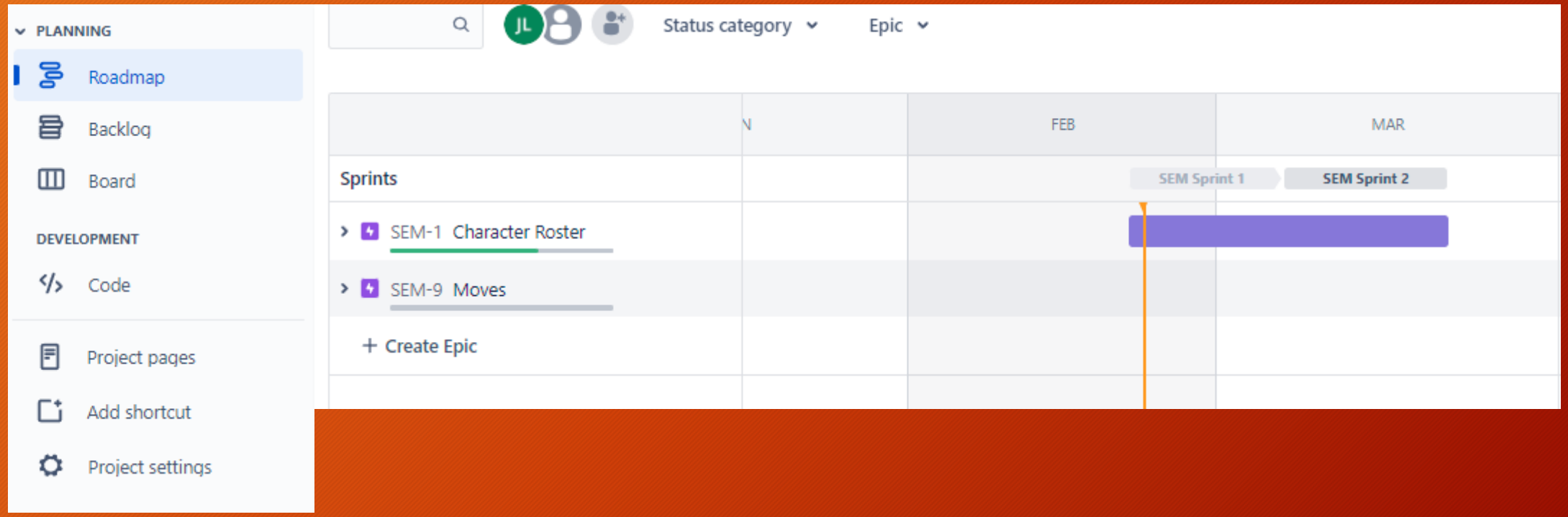




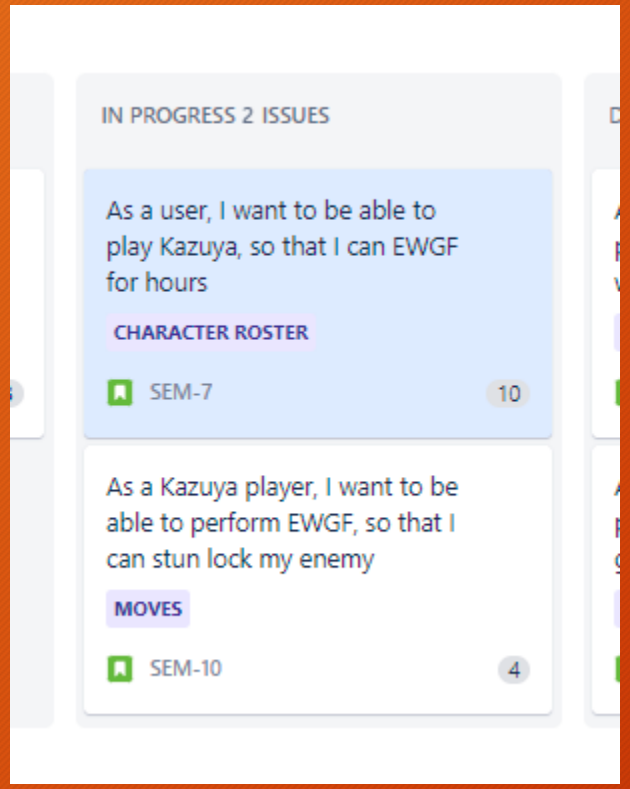
Progress is being made

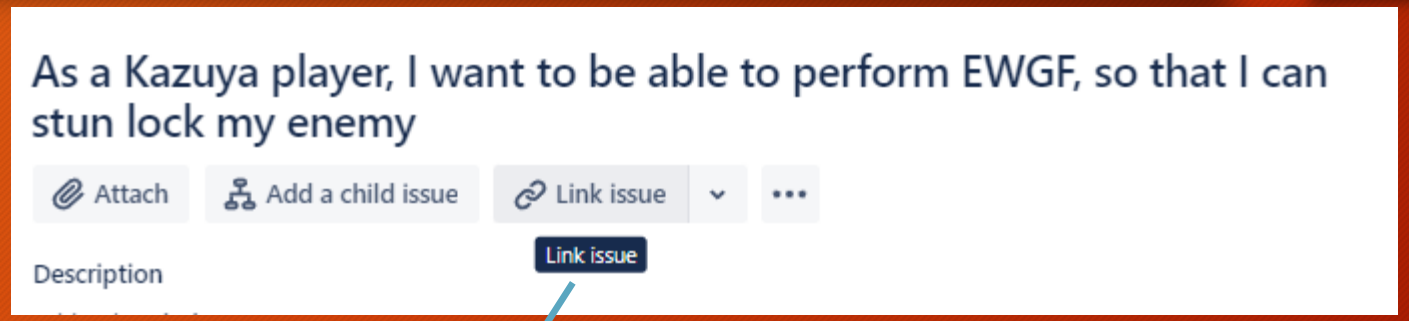


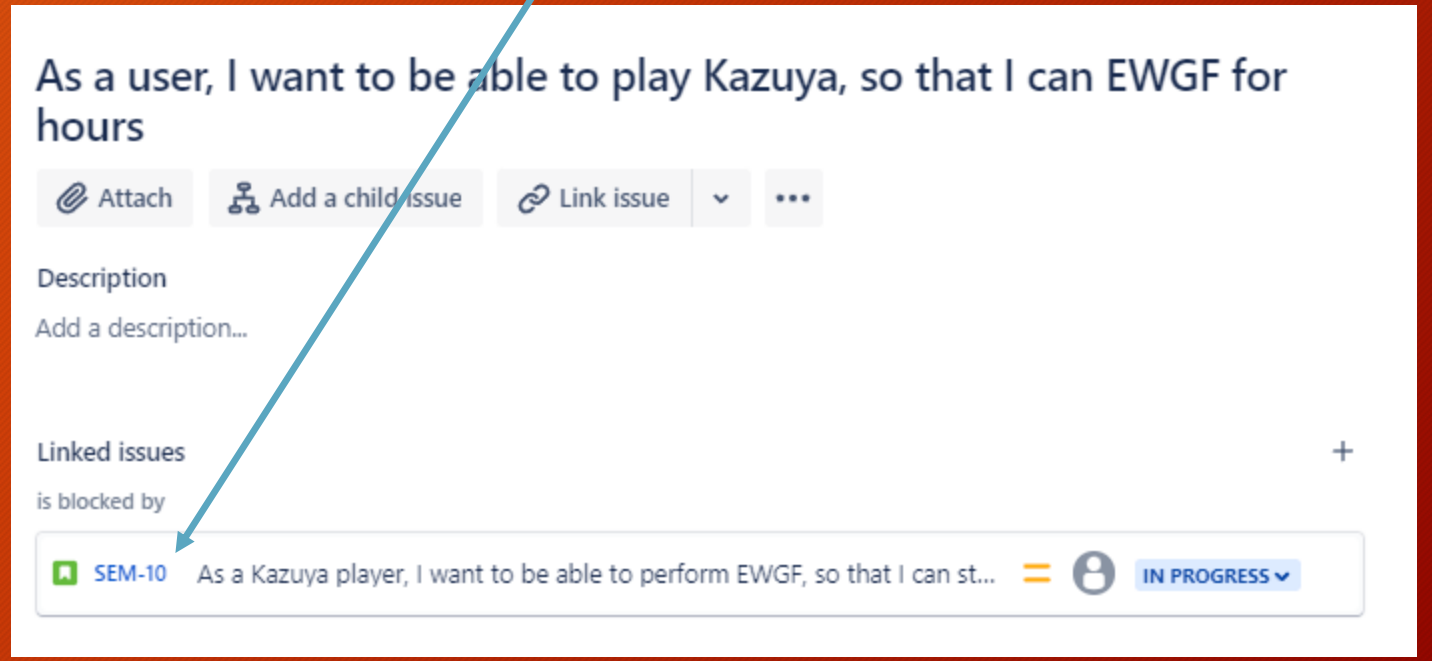
Road map tracks progress



Oh no! we are getting hindered!







Impediments are tracked by Jira

SEM-1 / SEM-7

As a user, I want to be able to play Kazuya, so that I can EWGF for hours

Attach | Add a child issue | Link issue

Description

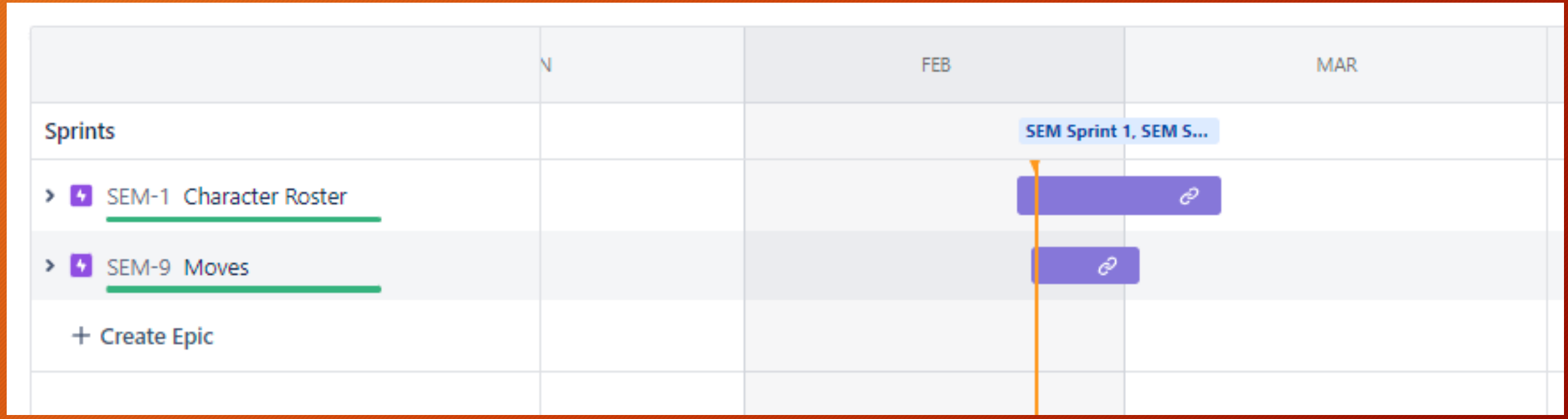
Add a description...

Linked issues

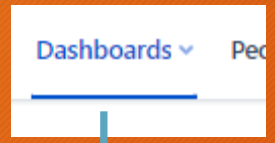
is blocked by

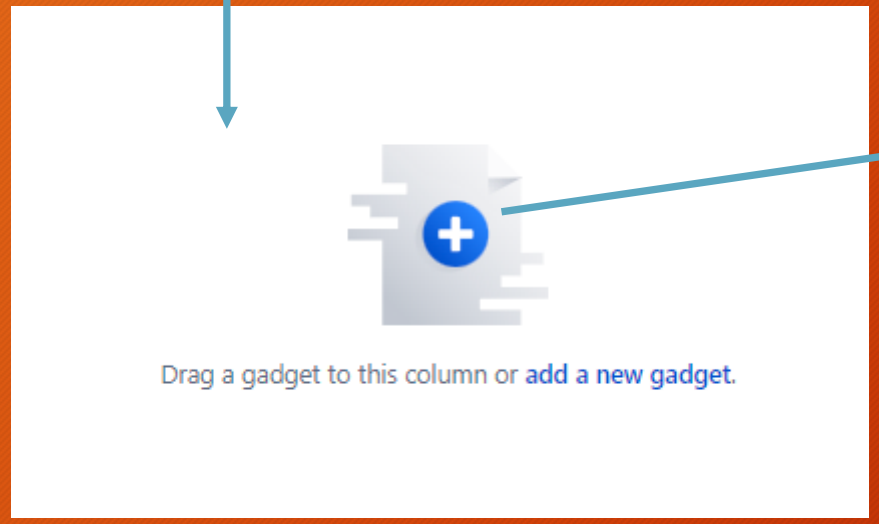
~~SEM-10~~ As a Kazuya player, I want to be able to perform EWGF, so that I can stun lock... DONE

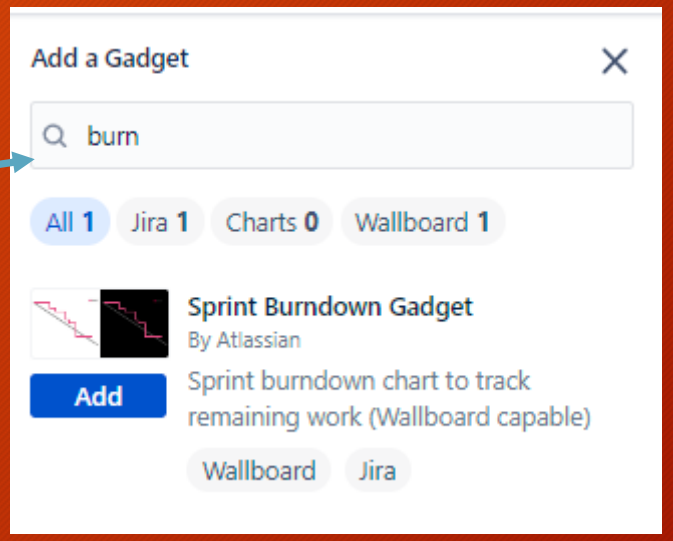
The sprint is done



Time to add some statistics

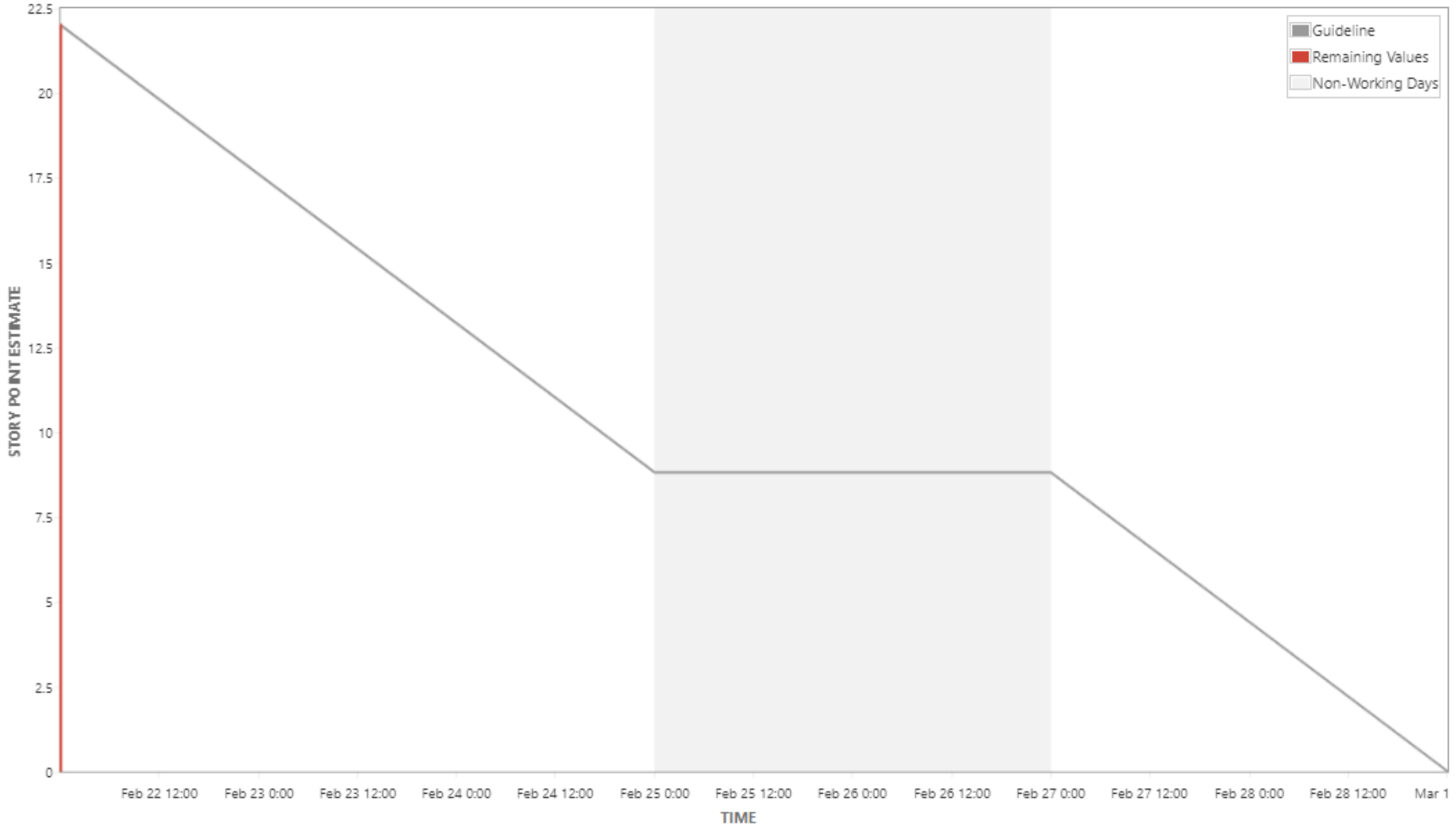






Sprint Burndown Gadget

SPRINT: SEM Sprint 2



Just now

Task 3: Sprint and Insights

- Add stories to a sprint
- Start the sprint
- Link two stories with an impediment
- Finish the sprint
- Create a burndown chart of the sprint

Confluence: Document integration tool

Features

- Mentions of group members
- Tables
- Layouts
- Code snippets
- And lots of extensions

Yoshimitsu is the coolest character

No! I'm not simping for a video game character...

This guy can vouch!:

@Joakim Leed

Votes: Is Joakim simping?	No	Yes
Joakim	X	
An important person	X	

Impaired Issue	Reason why it was impaired
Sem-7	Sem-7 was impaired for three days since it needed the move "EWGF" from SEM-10, epic: moves.

```
1 class Ewgf{
2   public Ewgf(){
3     //Why is this crashing all the time?????
4     System.out.println("This is Ewgf")
5   }
6 }
```

Java

Features

- Mentions of group members
- Tables
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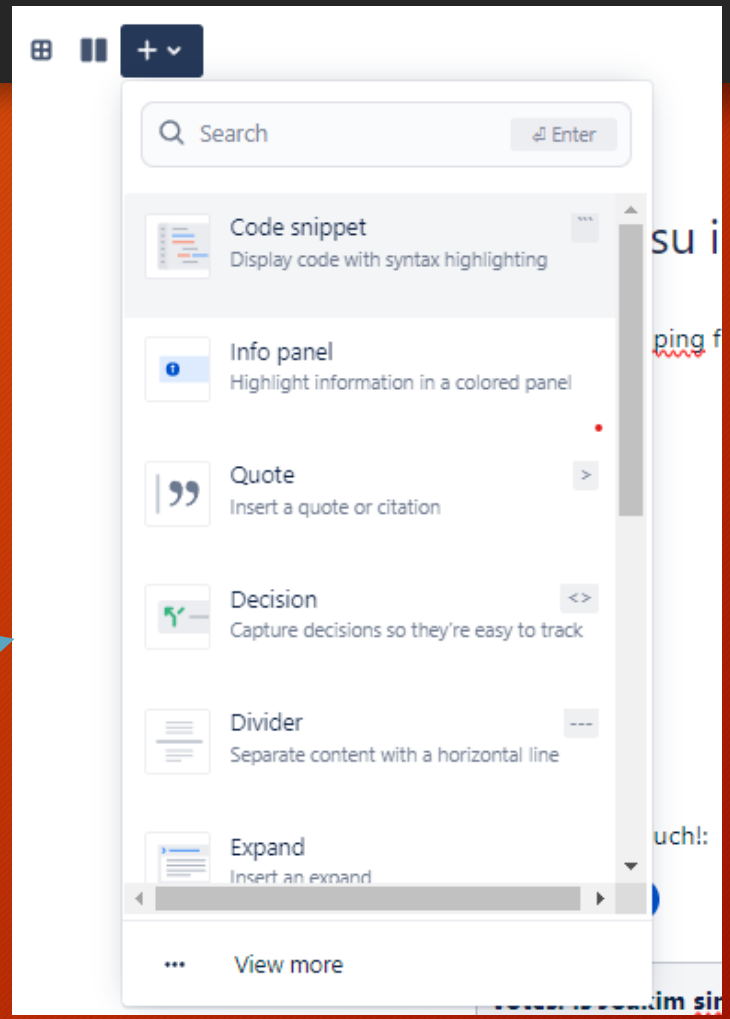
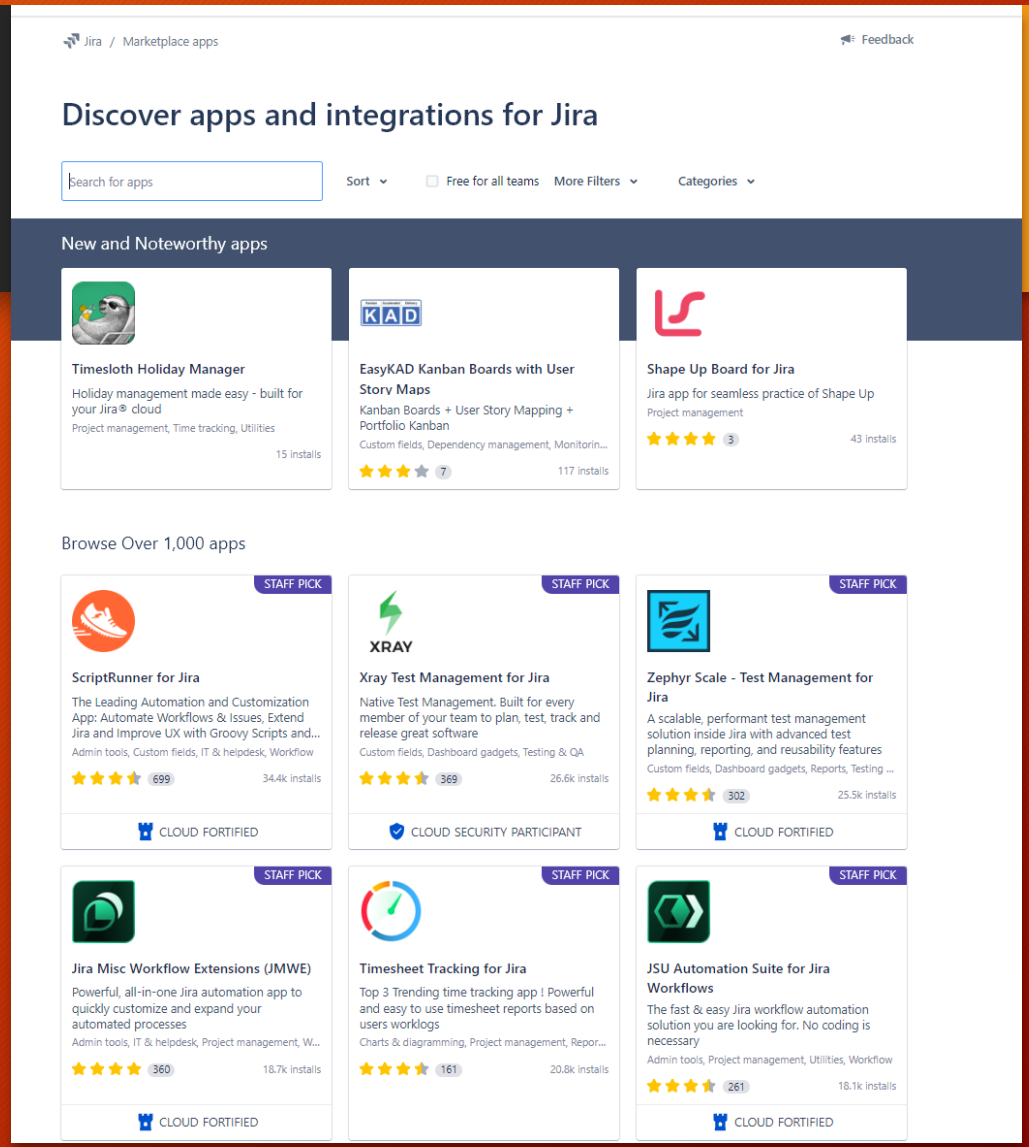
- And lots of extensions

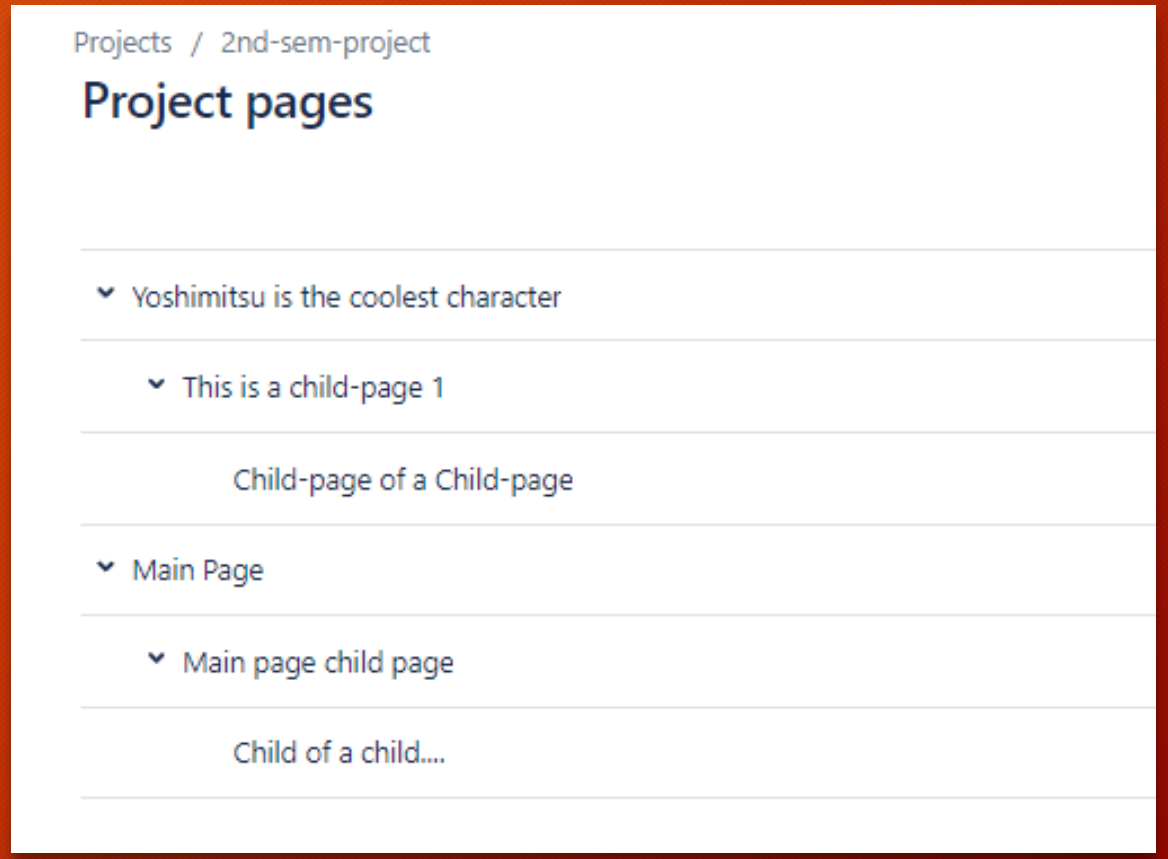


You can add tons of extensions

- PlantUML
- DrawIO



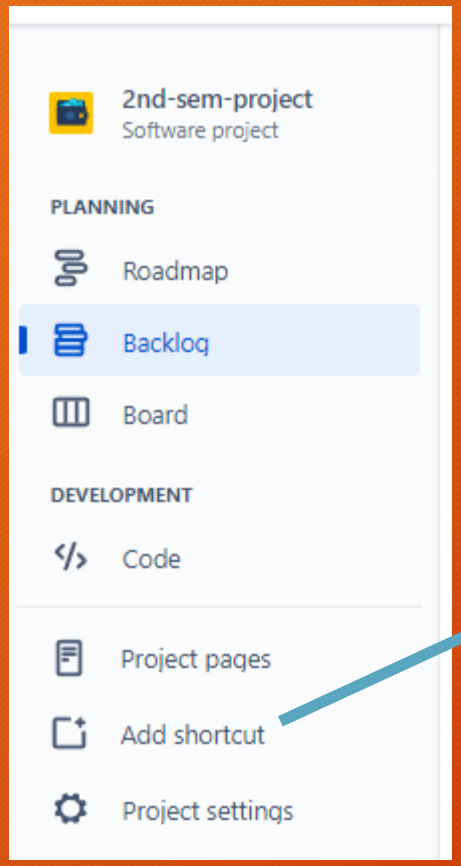
Page management

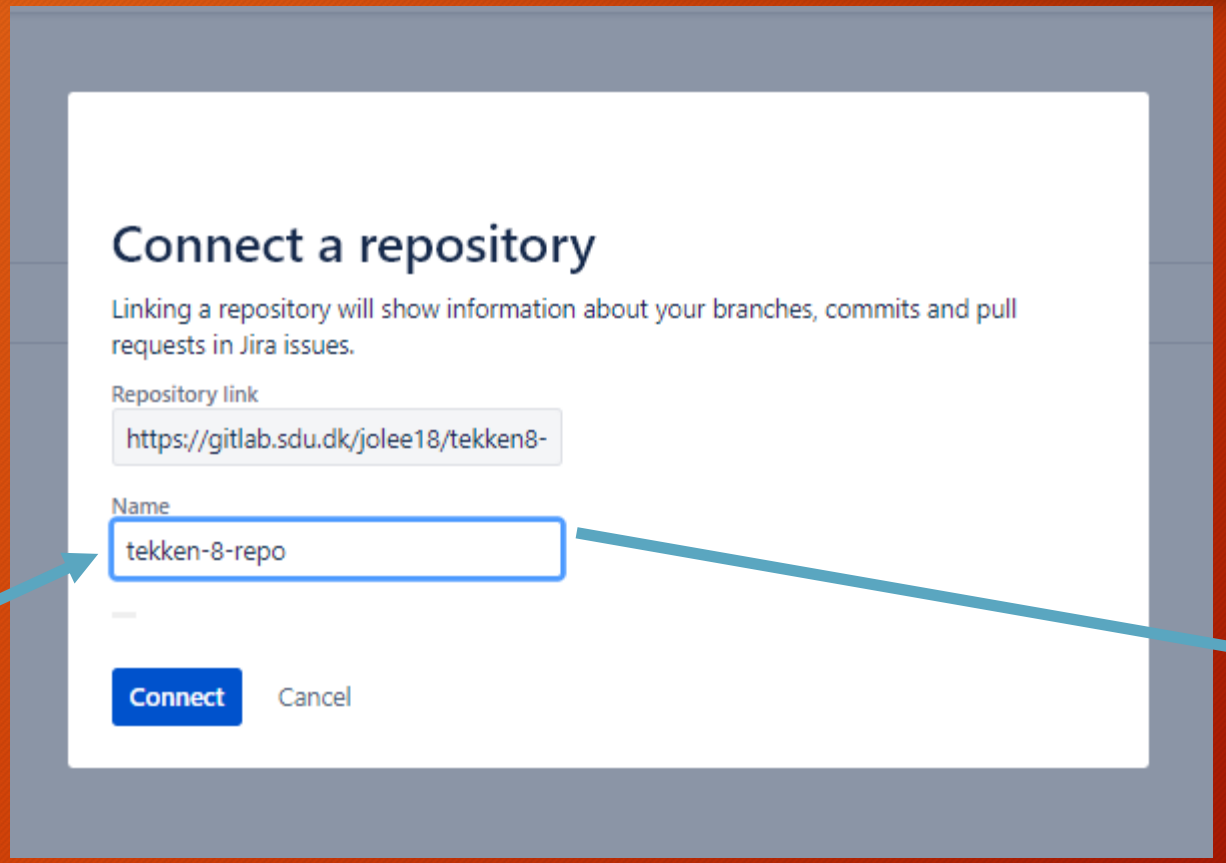


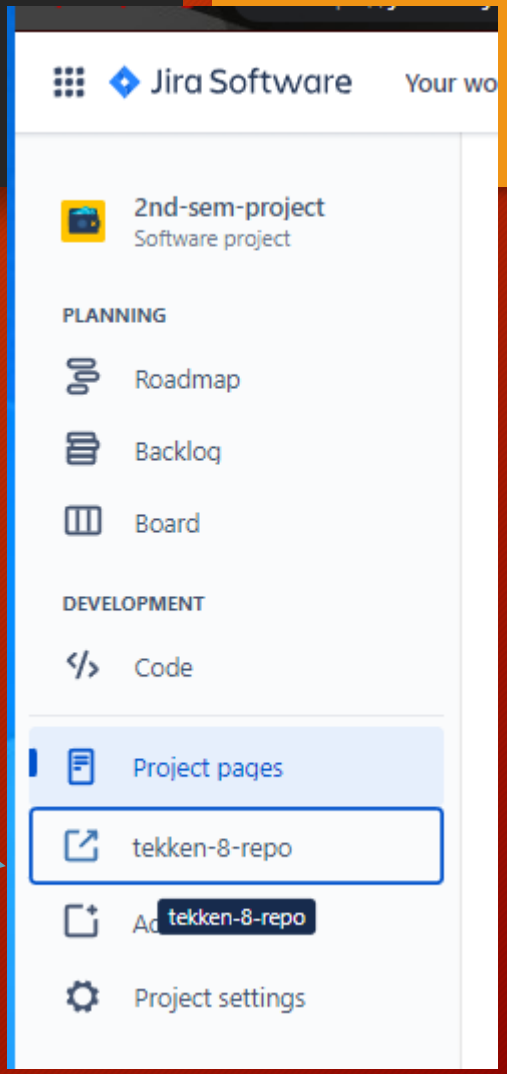
Task 4: Confluence

- Create a project page
- Add formatting elements to it
  - Layouts
  - Tables
  - Code snippets
- Create a child-page
- Create a new parent-page

Integrate with Gitlab







Make use of the tools that Jira provide

- Ease your workload by automation
- Automate the Kanban board with issues
- Attach feature branches to stories