

Projecte d'Enginyeria del Software: Taiga

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Agenda

- What is Taiga
- Steps to use Taiga
- Recommendations

WHAT IS TAIGA

What is Taiga


- Taiga is a **project management platform** for startups and agile developers & designers who want a simple, beautiful tool that makes work truly enjoyable.
- Taiga can handle both **simple and complex projects**.
- Taiga offers both Kanban and **Scrum** templates
 - But in PES we will use Scrum template only

STEPS TO USE TAIGA


Create a project (I)


Create Project

Which template fits your project better?





SCRUM
Prioritize and solve your tasks in short time cycles.






KANBAN
Keep a constant workflow on independent tasks

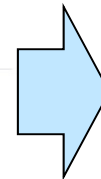




DUPLICATE PROJECT
Start clean and keep your configuration



IMPORT PROJECT
Import your project from multiple platforms into Taiga



Scrum

Prioritize and solve your tasks in short time cycles.

New project details

Make a life

All the user stories I need to enjoy life

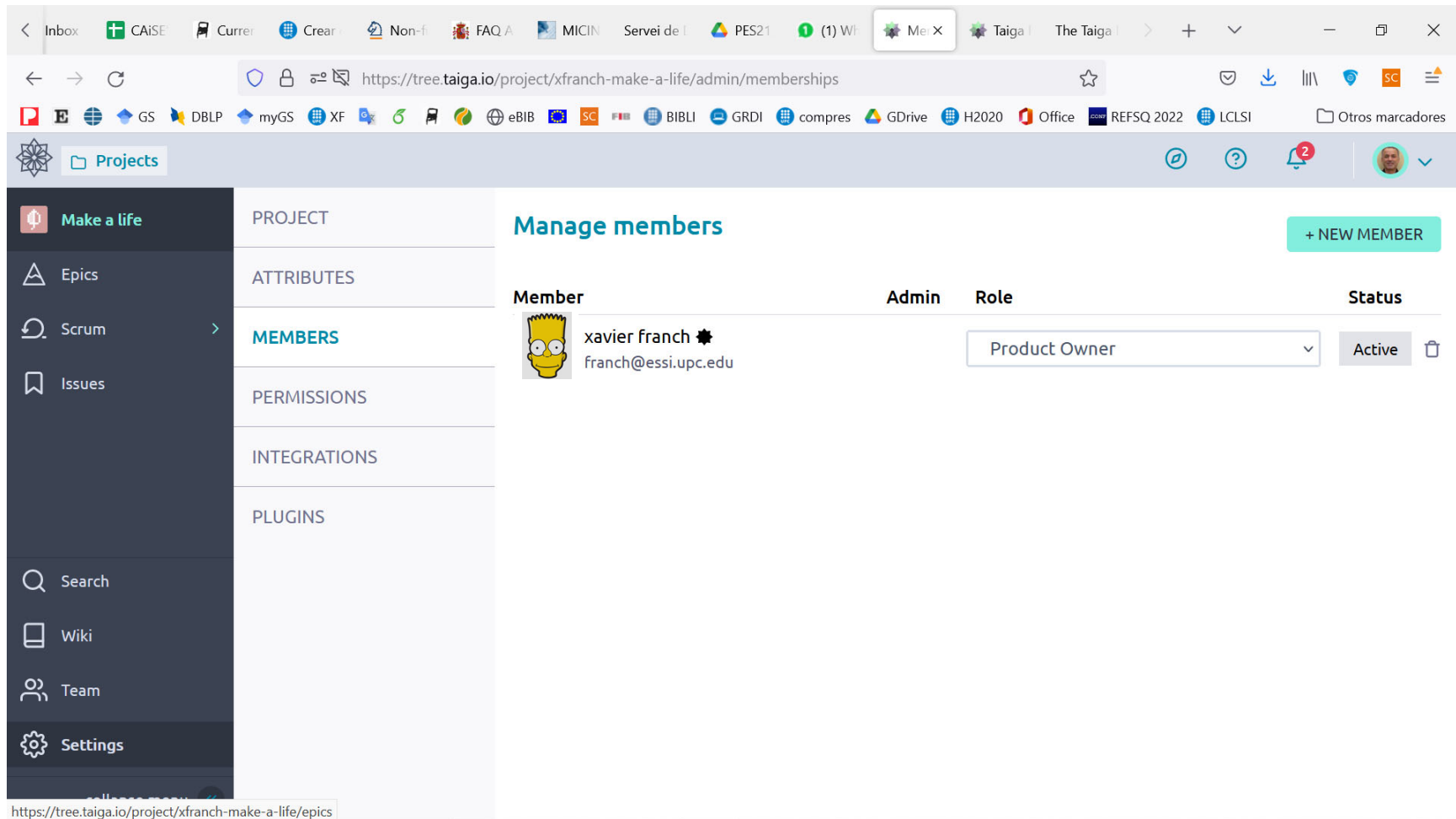
 PUBLIC PROJECT

 PRIVATE PROJECT


BACK

CREATE PROJECT

Create a project (II)





The screenshot shows the Taiga.io web application interface. The browser address bar displays the URL: <https://tree.taiga.io/project/xfranch-make-a-life/admin/memberships>. The left sidebar contains a navigation menu with the following items: 'Make a life' (selected), 'Epics', 'Scrum', 'Issues', 'Search', 'Wiki', 'Team', and 'Settings'. The main content area is titled 'Manage members' and features a '+ NEW MEMBER' button in the top right corner. Below this, there is a table with the following columns: 'Member', 'Admin', 'Role', and 'Status'. The table contains one entry for 'xavier franch' with the email 'franch@essi.upc.edu', a role of 'Product Owner', and a status of 'Active'. The URL at the bottom of the page is <https://tree.taiga.io/project/xfranch-make-a-life/epics>.


Member	Admin	Role	Status
 xavier franch ✱ franch@essi.upc.edu		Product Owner	Active


Add all team members


Configure Taiga (I)



Make a life


 Epics


 Scrum

 Issues

 Search

 Wiki

 Team

 Settings

collapse menu <<

PROJECT

ATTRIBUTES

MEMBERS

PERMISSIONS

INTEGRATIONS

PLUGINS

PROJECT DETAILS


PRESETS

MODULES

EXPORT


REPORTS

Modules


Epics

Visualize and manage the most strategic part of your project

☒


Scrum

Manage your user stories to maintain an organized view of upcoming and prioritized work.

☒


Expected number of sprints

3

Expected total of story points


0 for an unde

✓


Kanban


Organize your project in a lean way with this board.

☐


Issues


Track the bugs, questions and enhancements related to your project. Don't miss anything!

☒


Wiki

Add, modify, or delete content in collaboration with others. This is the right place for your project's documentation.









☒


Meet Up

Choose your videoconference system.

☐

Configure Taiga (II)

<div>  Make a life </div> <div>  Epics </div> <div>  Scrum </div> <div>  Issues </div> <div>  Search </div> <div>  Wiki </div> <div>  Team </div> <div>  Settings </div>	PROJECT	STATUSES
	ATTRIBUTES	POINTS
	MEMBERS	PRIORITIES
	PERMISSIONS	SEVERITIES
	INTEGRATIONS	TYPES
	PLUGINS	CUSTOM FIELDS
		TAGS
		DUE DATES

All up to you, except “Custom Fields” (see next slide)

Configure Taiga (III)

Comentari: veig que les prioritats de Taiga són només per a Issues, no US

Low, Medium, High

The screenshot displays the Taiga configuration interface. On the left is a sidebar with navigation options: Make a life, Epics, Scrum, Issues, Search, Wiki, Team, and Settings. The main content area is divided into two columns. The left column contains a list of configuration categories: MEMBERS, PERMISSIONS, INTEGRATIONS, PLUGINS, PRIORITIES, SEVERITIES, TYPES, CUSTOM FIELDS (highlighted in blue), TAGS, and DUE DATES. The right column shows the configuration for custom fields, organized into four sections: EPICS CUSTOM FIELDS, USER STORIES CUSTOM FIELDS, TASKS CUSTOM FIELDS, and ISSUES CUSTOM FIELDS. Each section has a table with columns for Name, Description, and Type. In the USER STORIES CUSTOM FIELDS section, the 'Priority' field is highlighted with a red circle, and its type is 'Dropdown'. A red line points from the text 'Low, Medium, High' above to the 'Dropdown' type. The ISSUES CUSTOM FIELDS section also has a table with columns for Name, Description, and Type, and a dropdown menu for selecting a type.

Name	Description	Type
Set your custom field name	Set your custom field description	-- select v

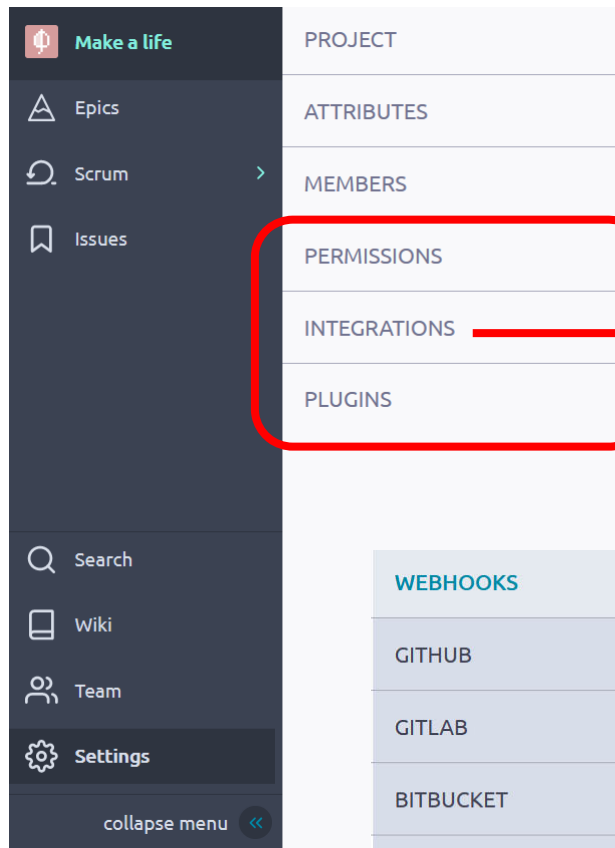
Name	Description	Type
Priority >	Sets the priority of the user story	Dropdown
Acceptance Criteria	Enumerates the acceptance criteria for the user story	Rich text

Name	Description	Type
Estimated Effort	Estimated number of hours for completing the task	Number
Actual Effort	Actual number of hours invested in completing the task	Number

Name	Description	Type
Set your custom field name	Set your custom field description	-- select v

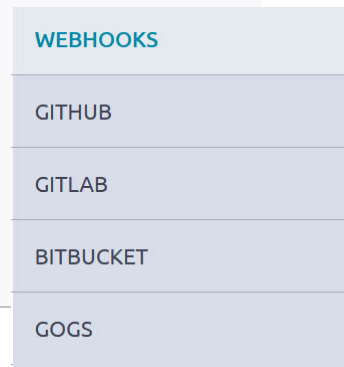
Optionally, you may include additional fields
(to be reported in the documentation)

Configure Taiga (IV)



Advanced options (use freely)
Not necessarily when starting
the project

Example



Webhooks

Name


URL

✓ ×


? Do you need help? Check out our support page!

Define epics (I)

New Epic



Add tag +

0 Attachments


Drop attachments here!

Team requirement

Client requirement

Blocked

CREATE EPIC

Define epics (II)

Identify a number of epics for your project

The screenshot shows the Jira 'Epics' page. On the left is a sidebar with navigation options: 'Make a life' (selected), 'Epics', 'Scrum', 'Issues', 'Search', 'Wiki', 'Team', and 'Settings'. The main area is titled 'Epics' and contains a table with the following columns: NAME, PROJECT, SPRINT, ASSIGNED, STATUS, and PROGRESS. There are four rows of epics, each with a colored dot, a number, and a title. The 'ASSIGNED' column shows a person icon, and the 'STATUS' column shows 'New' with a dropdown arrow. The 'PROGRESS' column shows a progress bar.

NAME	PROJECT	SPRINT	ASSIGNED	STATUS	PROGRESS
#1 Work little				New ▾	
#2 Sleep well				New ▾	
#3 Eat healthy				New ▾	
#4 Be physically active				New ▾	

At the top right of the main area, there is a '+ ADD EPIC' button and a 'View options ▾' link.

Create product backlog (I)

crum New user story SPI

Mobile usage

Add tag +

AS user I WANT not to use mobile 2 hours before going sleep SO THAT I do not get anxious before going to sleep

0 Attachments +

Drop attachments here!

The backlog is empty!

CREATE

New





LOCATION

☒ at the bottom ☐ on top

Assign or Assign to me

POINTS

UX	?
Design	?
Front	3
Back	3
total points	6

always use
the template!

this depends
on your
configuration

Create product backlog (II)

Make a life

Epics
 Scrum
 Backlog
Issues

Search
 Wiki
 Team
 Settings

CUSTOMIZE YOUR BACKLOG GRAPH
 To have a nice graph that helps you follow the evolution of the project you have to set up the points and sprints through the [Admin](#)

Backlog 4 user stories
 + USER STORY

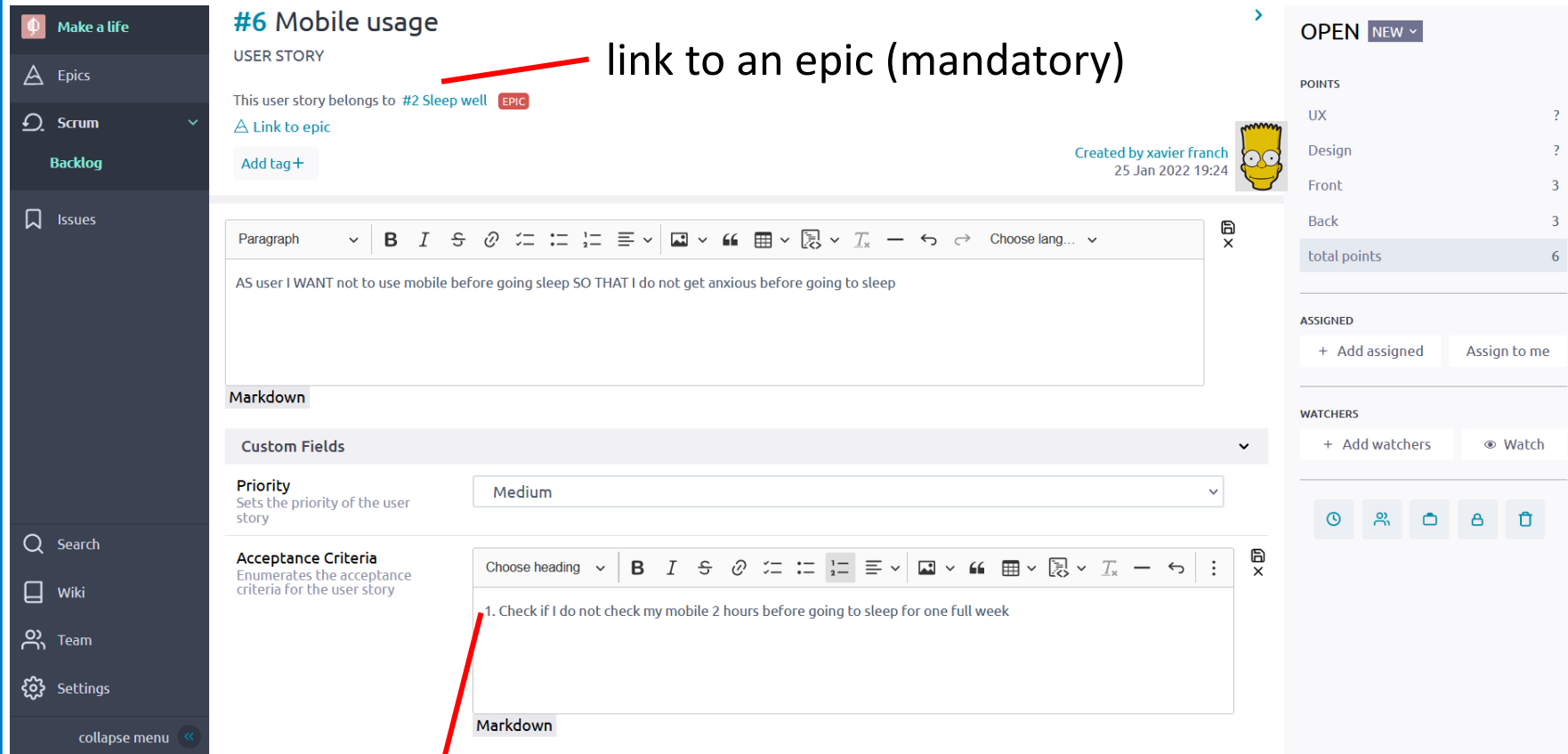
Filters
 subject or reference
 Tags

USER STORY	STATUS	POINTS
#6 Mobile usage	New	6
#7 Buy local	New	5.5
#8 Hike at weekends	New	1
#9 Work 9 to 5	New	3

Now, click here

Create product backlog (III)

These actions need to be made after creating the User Story:



#6 Mobile usage
USER STORY

This user story belongs to **#2 Sleep well** **EPIC**

[Link to epic](#)

Created by xavier franch
25 Jan 2022 19:24

Paragraph

AS user I WANT not to use mobile before going sleep SO THAT I do not get anxious before going to sleep

Markdown

Custom Fields

Priority
Sets the priority of the user story

Medium

Acceptance Criteria
Enumerates the acceptance criteria for the user story

1. Check if I do not check my mobile 2 hours before going to sleep for one full week

Markdown

POINTS

POINTS	
UX	?
Design	?
Front	3
Back	3
total points	6

ASSIGNED

+ Add assigned Assign to me

WATCHERS

+ Add watchers Watch

enumerate with an ordinal number (using the **1=** option at edition menu, starting at 1); in the product backlog, could be empty

Create product backlog (IV)

Make a life

Epics

Scrum

Backlog

Issues

Search

Wiki


Team

Settings

collapse menu

Scrum

0% 15.5 defined points 0 closed points 0 points / sprint



CUSTOMIZE YOUR BACKLOG GRAPH
To have a nice graph that helps you follow the evolution of the project you have to set up the points and sprints through the [Admin](#)

Backlog 4 user stories


Filters

subject or reference

Tags

USER STORY	STATUS	POINTS
#6 Mobile usage	New	6
#7 Buy local	New	5.5
#8 Hike at weekends	New	1
#9 Work 9 to 5	New	3

SPRINTS



There are no sprints yet
[Add a sprint +](#)

time to
start a
sprint!

Start sprint (I)

Scrum


0%


15.5 defined points

0 closed points

0 points / sprint

SPRINTS







There are no sprints yet

[Add a sprint +](#)

Backlog

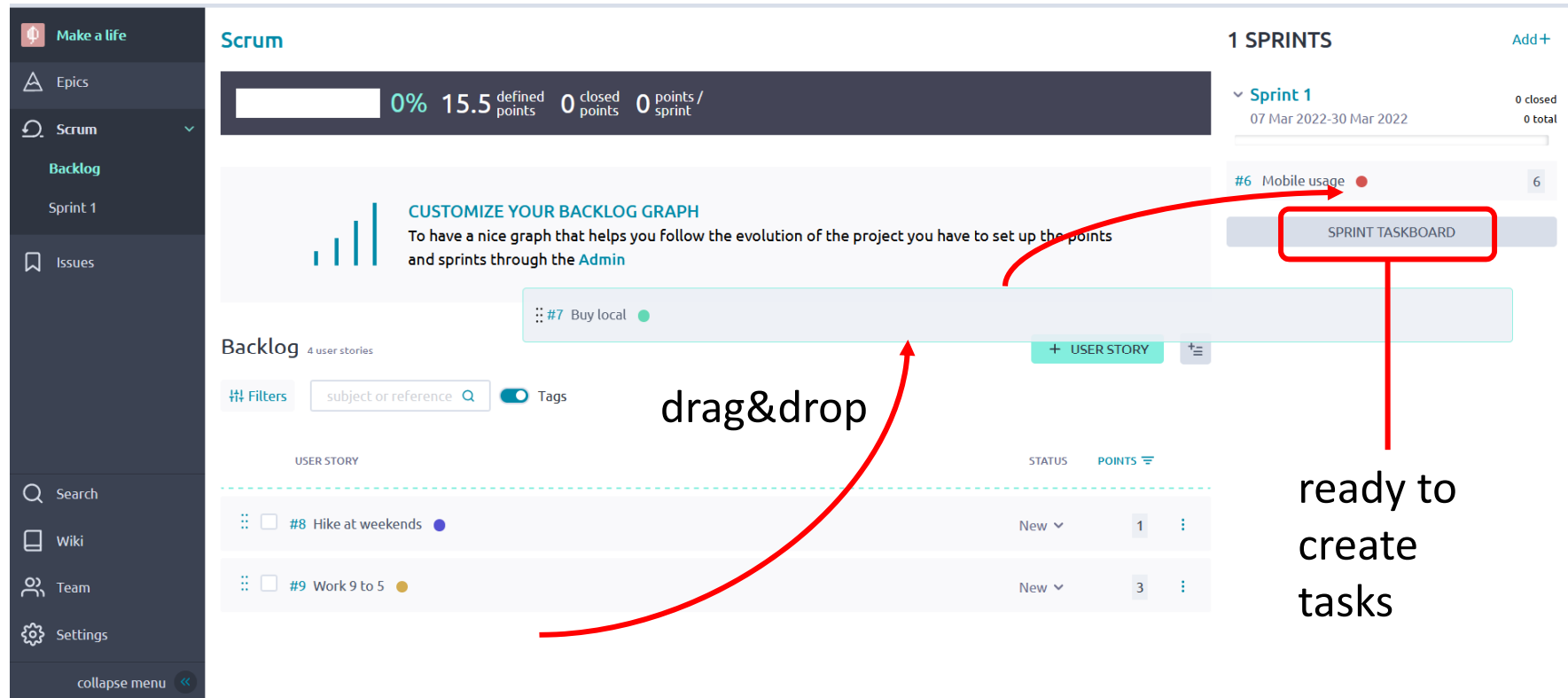
4 user stories



USER STORY	STATUS	POINTS
<div>  <div>#6 Mobile usage</div> </div>	New	6

New sprint

Start sprint (II)



The screenshot shows the Jira Scrum interface. On the left is a sidebar with navigation options: Make a life, Epics, Scrum (selected), Backlog, Sprint 1, and Issues. The main area is titled 'Scrum' and displays a progress bar at 0% with 15.5 defined points, 0 closed points, and 0 points per sprint. Below this is a section 'CUSTOMIZE YOUR BACKLOG GRAPH' with a tip about setting up points and sprints. The 'Backlog' section shows 4 user stories, with a search filter and a 'Tags' toggle. A red arrow labeled 'drag&drop' points from the backlog to the sprint board. The sprint board shows '1 SPRINTS' with 'Sprint 1' (07 Mar 2022-30 Mar 2022) having 0 closed and 0 total items. A red box highlights the 'SPRINT TASKBOARD' button, with a red arrow pointing to it and the text 'ready to create tasks'.

Scrum

0% 15.5 defined points 0 closed points 0 points / sprint

CUSTOMIZE YOUR BACKLOG GRAPH

To have a nice graph that helps you follow the evolution of the project you have to set up the points and sprints through the [Admin](#)

Backlog 4 user stories

Filters subject or reference Tags

USER STORY STATUS POINTS

#7 Buy local

#8 Hike at weekends

#9 Work 9 to 5

1 SPRINTS

Sprint 1 07 Mar 2022-30 Mar 2022 0 closed 0 total

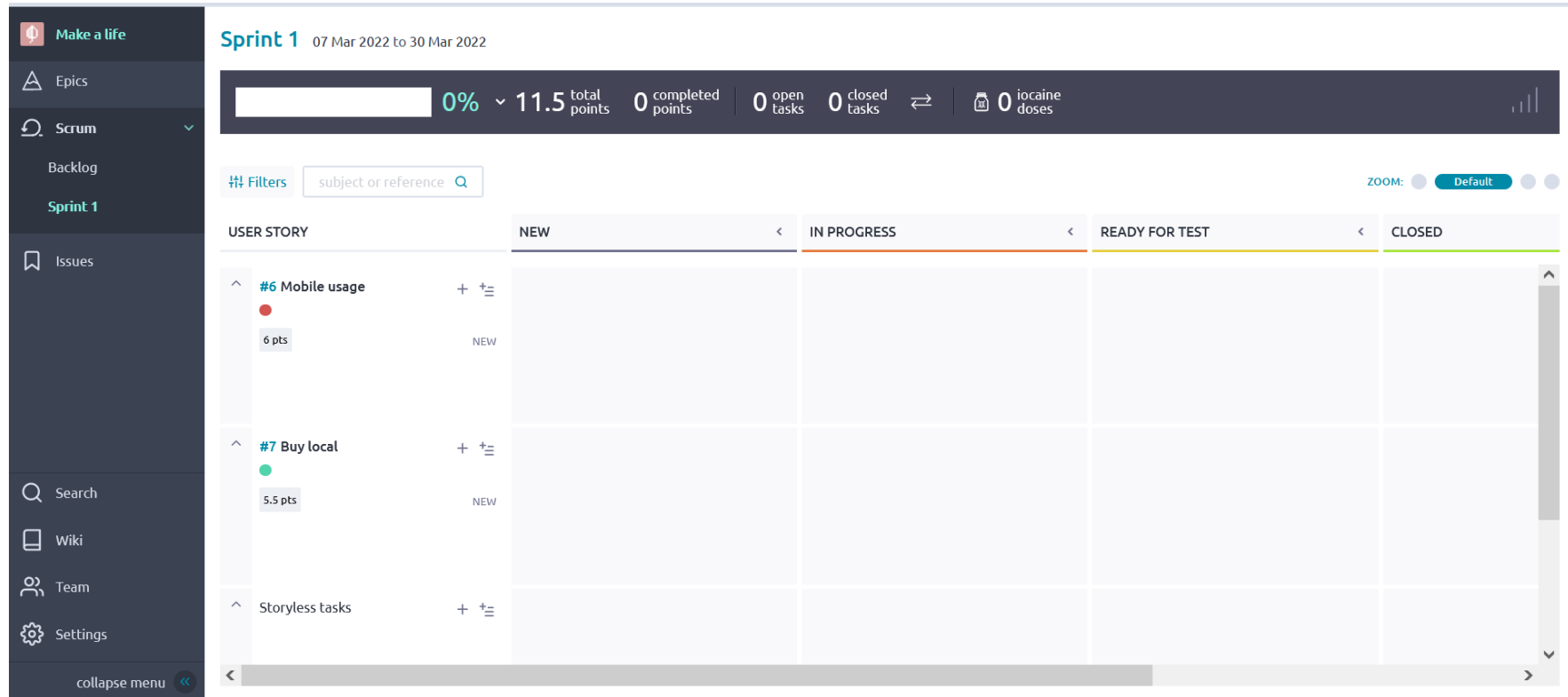
#6 Mobile usage 6

SPRINT TASKBOARD

drag&drop

ready to create tasks

Start sprint (III)



Sprint 1 07 Mar 2022 to 30 Mar 2022

0% 11.5 total points 0 completed points 0 open tasks 0 closed tasks 0 iocaine doses

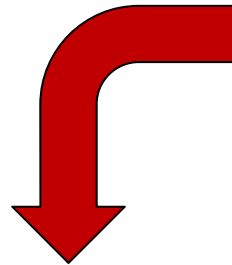
Filters subject or reference

ZOOM: Default

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED
#6 Mobile usage 6 pts NEW				
#7 Buy local 5.5 pts NEW				
Storyless tasks				

collapse menu

Create tasks (I)



#10 Find Km0 vicinity stores

TASK

This task belongs to #7 Buy local ●

TASKBOARD

Add tag +

My grandma will help, by asking directly all neighbours

Custom Fields

Estimated Effort 6
Estimated number of hours for completing the task

Actual Effort
Actual number of hours invested in completing the task

0 Attachments

Drop attachments here!

New task

0% ~ 11.5 total points 0 completed points 0 open tasks 0 closed tasks

Find Km0 vicinity stores

Add tag +

My grandma will help, by asking directly all neighbours

0 Attachments +

Drop attachments here!

Assign or Assign to me

READY

Created by xavier franch
26 Jan 2022 00:25



OPEN NEW

ASSIGNED

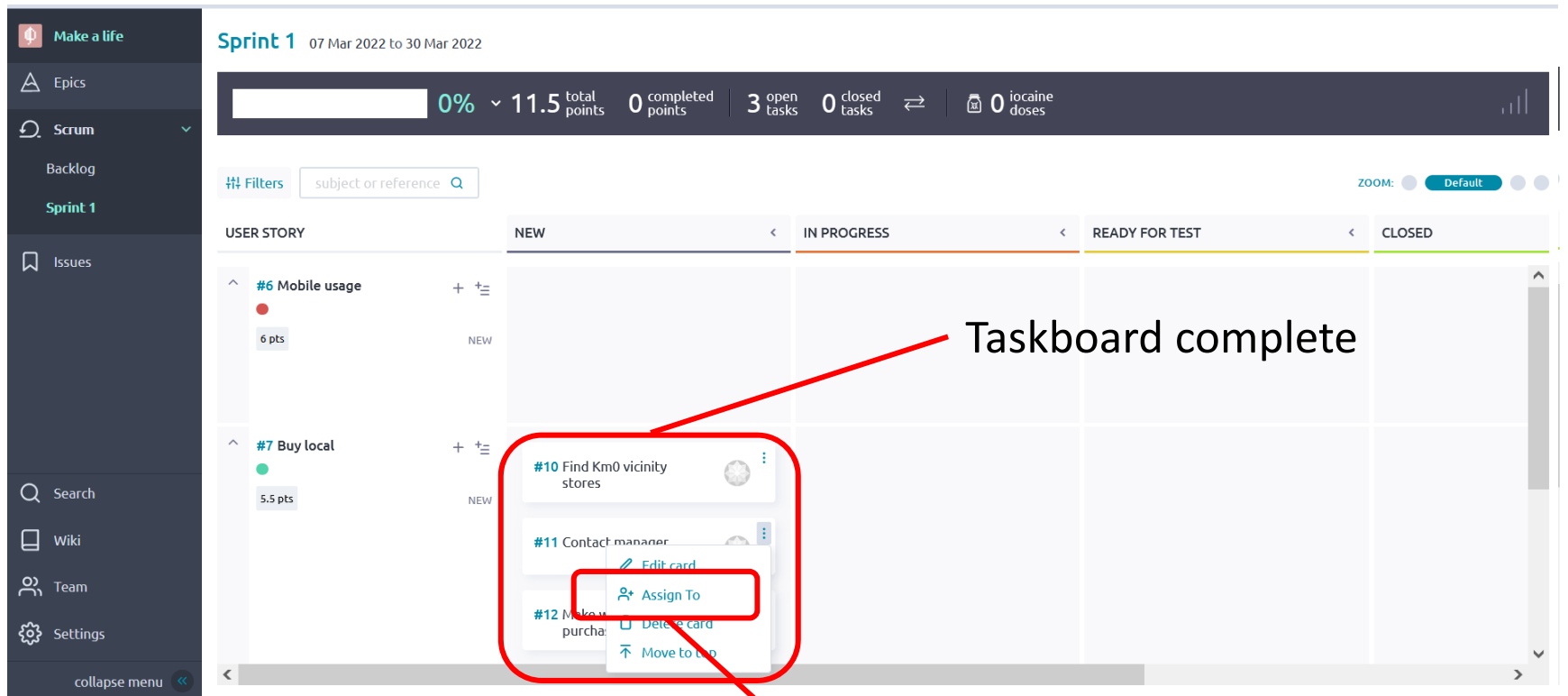
+ Add assigned Assign to me

WATCHERS

+ Add watchers Watch



Create tasks (II)



Sprint 1 07 Mar 2022 to 30 Mar 2022

0% ~ 11.5 total points 0 completed points 3 open tasks 0 closed tasks 0 iocaine doses

Filters subject or reference

USER STORY

NEW	IN PROGRESS	READY FOR TEST	CLOSED
<div>#6 Mobile usage 6 pts NEW</div> <div>#7 Buy local 5.5 pts NEW</div>	<div>#10 Find Km0 vicinity stores NEW</div> <div>#11 Contact manager NEW</div> <div>#12 Make a purchase NEW</div>		

Taskboard complete

ready to assign

Close tasks (I)

Sprint 1 07 Mar 2022 to 30 Mar 2022

0% ▬ 11.5 total points 0 completed points 2 open tasks 1 closed tasks ⇄ 0 iocaine doses

Filters subject or reference 🔍 ZOC

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NE
<div>#6 Mobile usage</div> <div>6 pts NEW</div>					
<div>#7 Buy local</div> <div>5.5 pts NEW</div>		<div>#12 Make weekly purchase</div>	<div>#11 Contact manager</div>	<div>#10 Find Km0 vicinity stores</div>	
<div>Storyless tasks</div>					

drag&drop

Close tasks (II)

#10 Find Km0 vicinity stores

TASK

This task belongs to **#7 Buy local**

TASKBOARD

Add tag +

Created by xavier franch
26 Jan 2022 00:25

My grandma will help, by asking directly all neighbours

Custom Fields

Estimated Effort
Estimated number of hours for completing the task

6

Actual Effort
Actual number of hours invested in completing the task

4

0 Attachments

Drop attachments here!

0 Comments

7 Activities

CLOSED

ASSIGNED

xavier franch

+ Add assigned

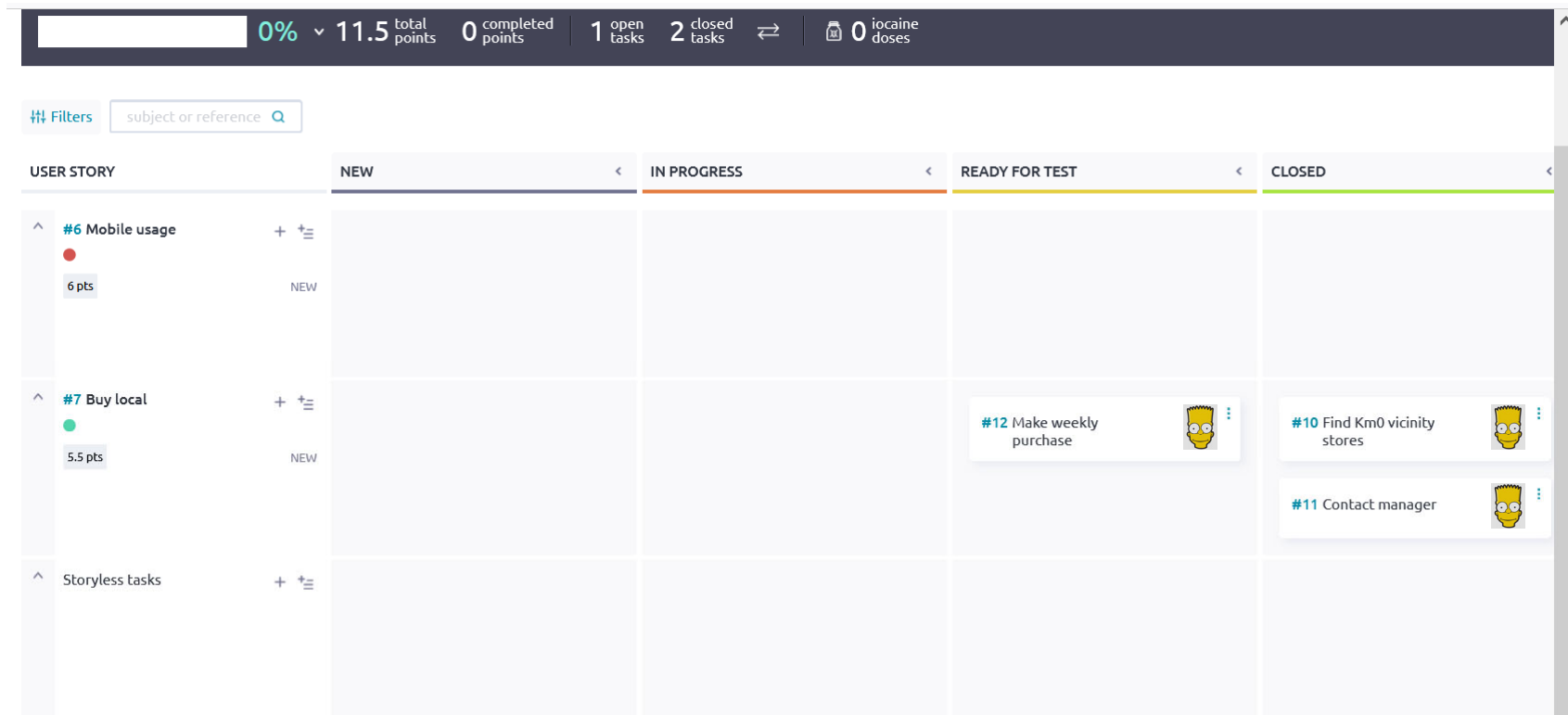
WATCHERS

+ Add watchers

Watch

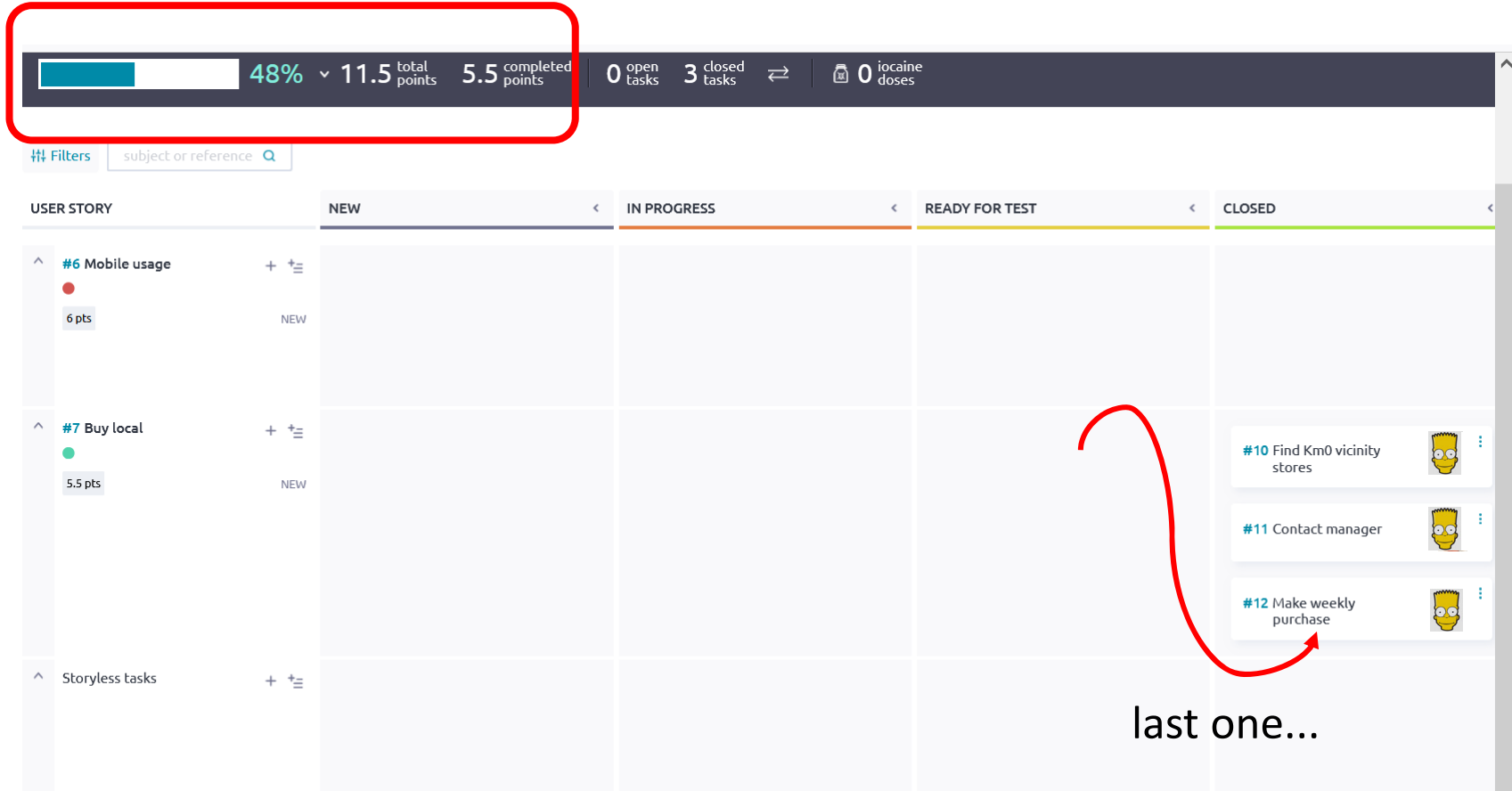
don't forget!

Close tasks (III)



Close tasks (IV)

updated!



Close tasks (V)

Automatically closed

#7 Buy local

USER STORY

This user story belongs to #3 Eat healthy EPIC

[Link to epic](#)

TASKBOARD

Add tag +

Created by xavier franch
25 Jan 2022 19:25



AS user I WANT buy food in local suppliers SO THAT I contribute to mitigate climate change

Custom Fields

Priority
Sets the priority of the user story

High

Acceptance Criteria
Enumerates the acceptance criteria for the user story

1. Food not rotten
2. Price is no more than 40% higher than Markewoman
3. Bags are potato-made

0 Attachments

Drop attachments here!

Tasks

CLOSED

POINTS

UX	?
Design	?
Front	1/2
Back	5
total points	5.5

ASSIGNED

+ Add assigned Assign to me

WATCHERS

+ Add watchers Watch

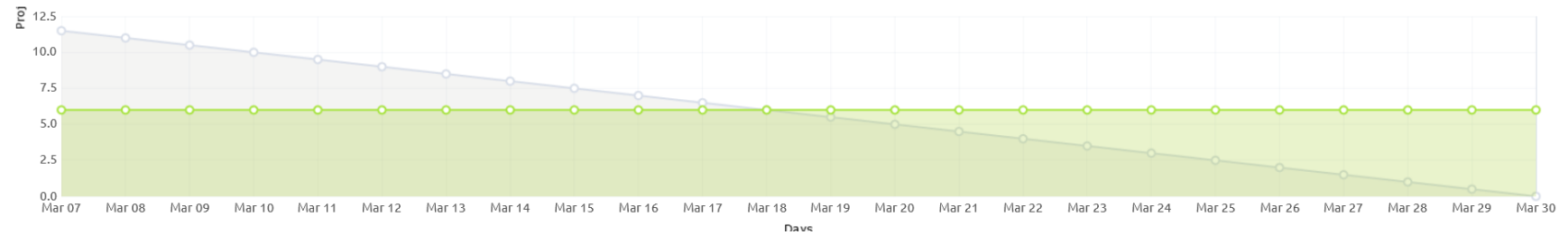


These acceptance criteria were written when moving from product backlog to sprint backlog

Close tasks (VI)



How this chart works



RECOMMENDATIONS

Recommendations

- Setup the number of sprints and expected story points
- Customize US and task statuses
- Sort US in the product backlog according to their priority
- Use customs fields to add useful information to US and tasks
- Take advantage of Taiga integrations and plugins

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