

# Projecte d'Enginyeria del Software: Taiga

Xavier Franch



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

---

Facultat d'Informàtica de Barcelona

# 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

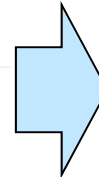




**DUPLICATE PROJECT**  
Start clean and keep your configuration



**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

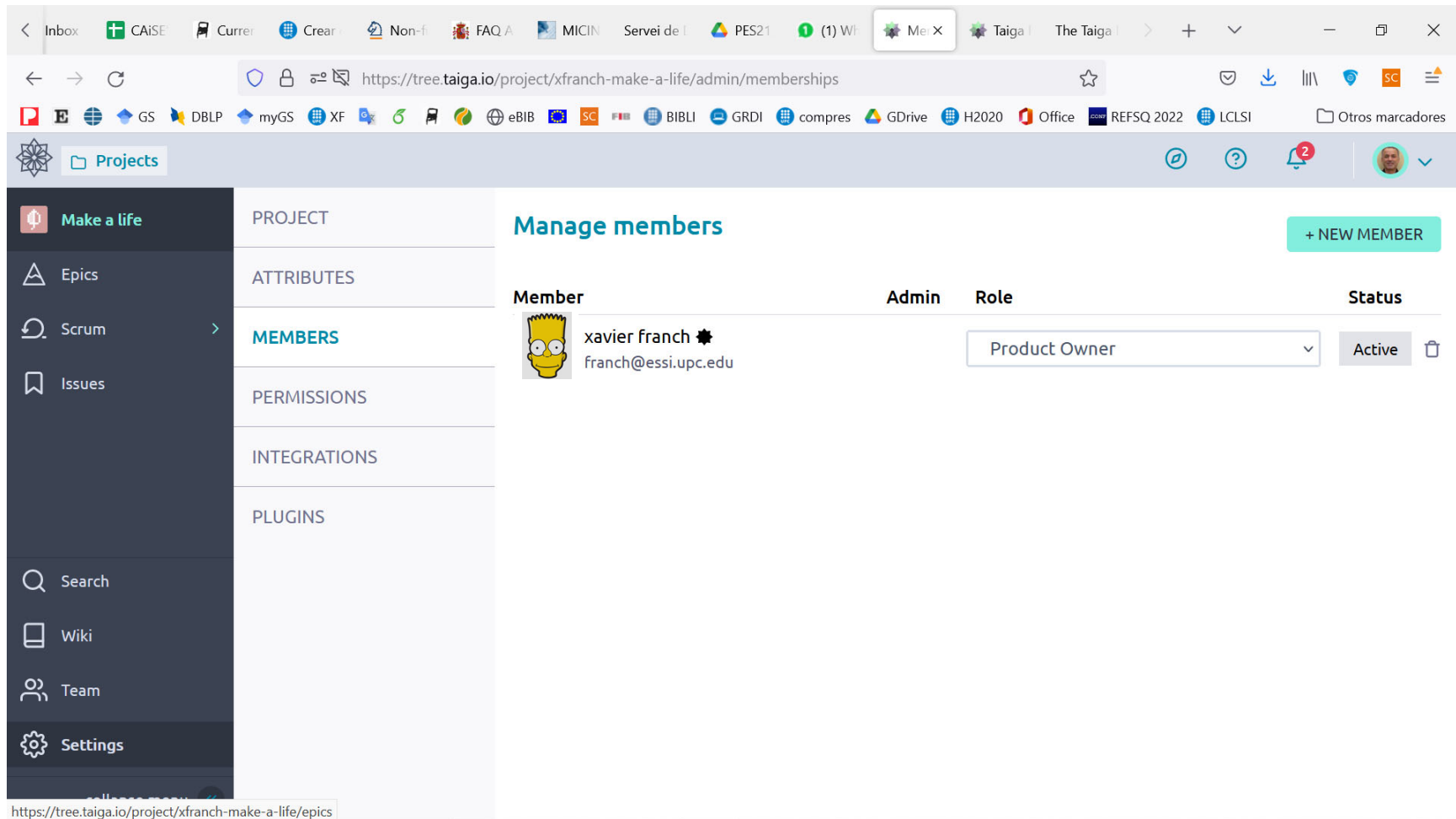
 PUBLIC PROJECT

 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' (franch@essi.upc.edu) with 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 shows the Taiga configuration interface. On the left is a sidebar with navigation links: Make a life, Epics, Scrum, Issues, Search, Wiki, Team, and Settings. The main content area is divided into sections for MEMBERS, PERMISSIONS, INTEGRATIONS, and PLUGINS. Under PLUGINS, there are sub-sections for PRIORITIES, SEVERITIES, TYPES, CUSTOM FIELDS, TAGS, and DUE DATES. The 'CUSTOM FIELDS' section is expanded, showing four categories: EPICS CUSTOM FIELDS, USER STORIES CUSTOM FIELDS, TASKS CUSTOM FIELDS, and ISSUES CUSTOM FIELDS. Each category has a table with columns for Name, Description, and Type. The 'ISSUES CUSTOM FIELDS' table has a 'Priority' field with a 'Dropdown' type, which is circled in red. A red line points from the 'Priority' field to the 'Dropdown' type. The 'ADD CUSTOM FIELD' button is visible for each category.

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

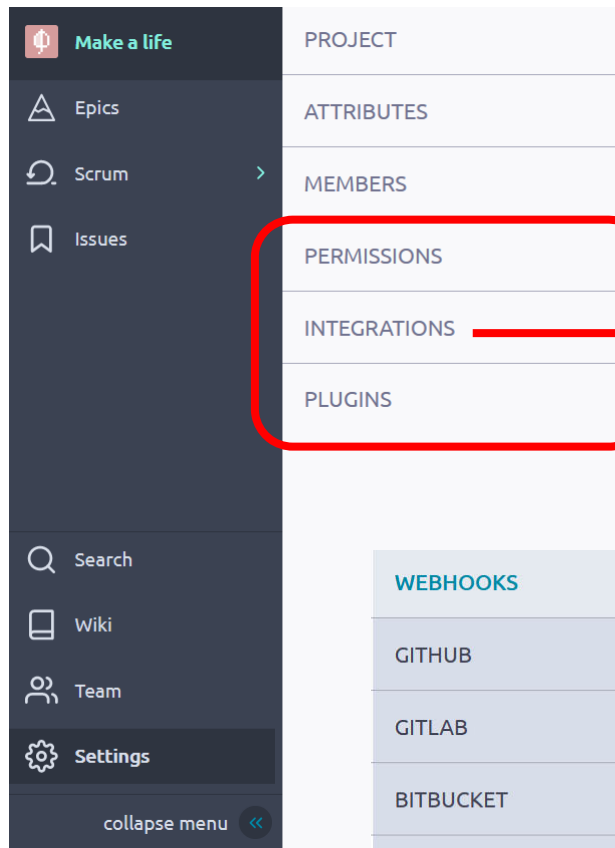
Name	Description	Type
Priority >	Sets the priority of the user story	Dropdown
Acceptance Criteria	Enumerates the acceptance criteria for the user story	Rich text

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

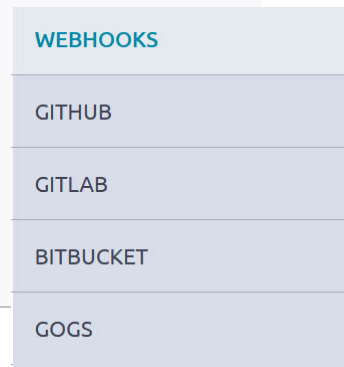
Optionally, you may include additional fields  
(to be reported in the documentation)

# 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

COM A ... VULL ... DE MANERA QUE ...  
COMO ... QUIERO ... DE MANERA QUE ...

0 Attachments +

Drop attachments here!

The backlog is empty!

CREATE

New





LOCATION

☒ at the bottom ☐ on top

Assign or Assign to me

POINTS

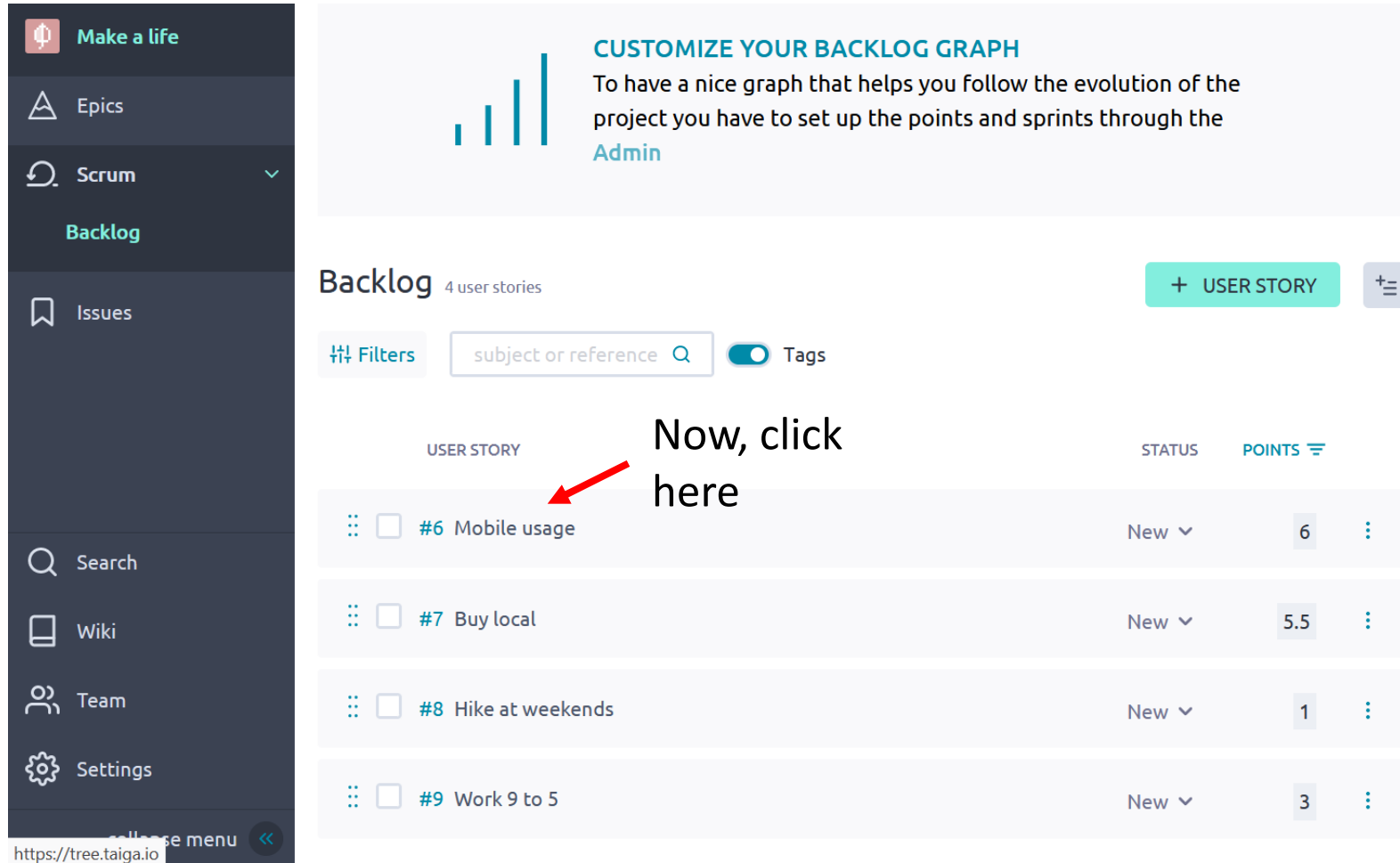
UX	?
Design	?
Front	3
Back	3
total points	6

always use  
the template!

this depends  
on your  
configuration

# Create product backlog (II)



**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

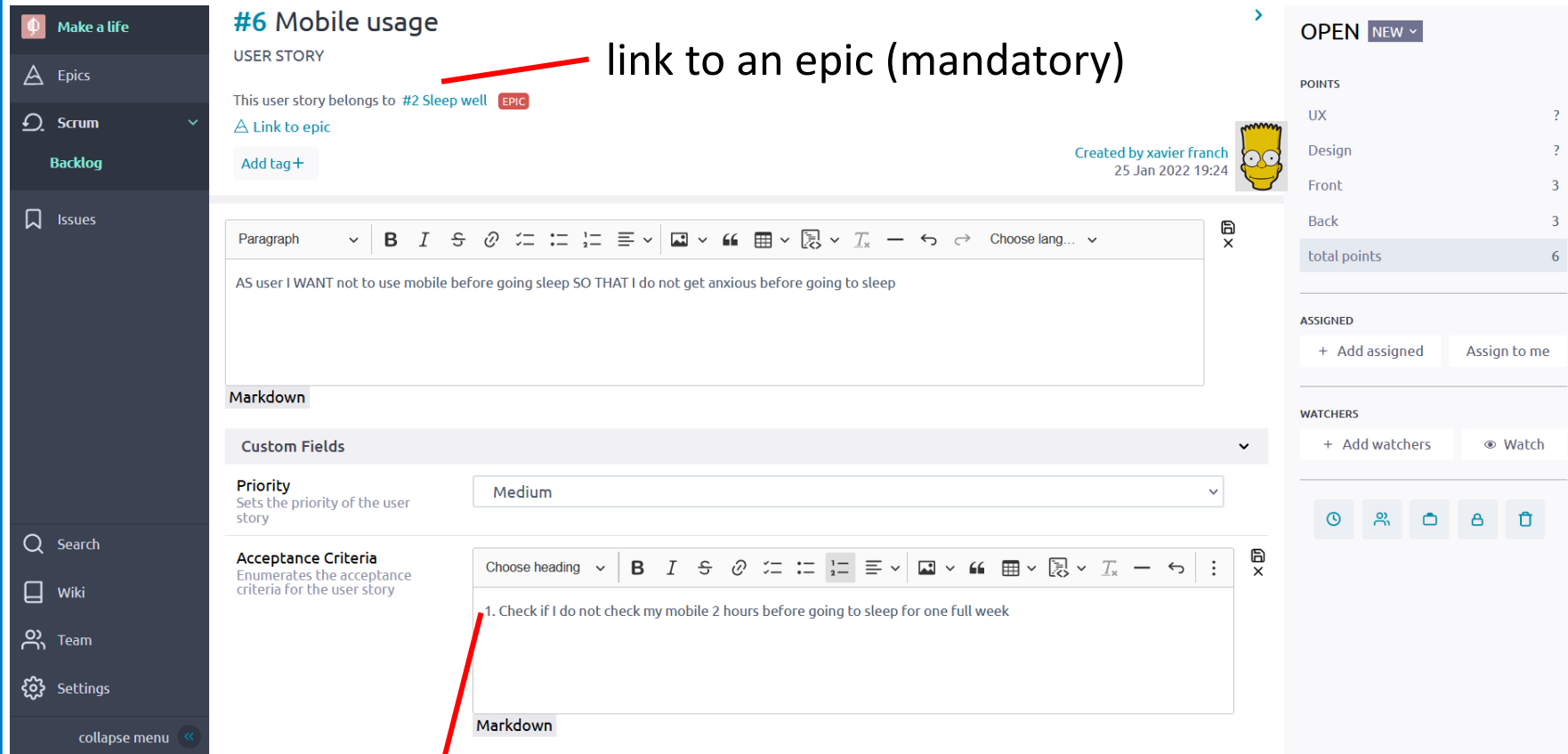
[Filters](#)  ☒ Tags

USER STORY	STATUS	POINTS
<input type="checkbox"/> #6 Mobile usage	New	6
<input type="checkbox"/> #7 Buy local	New	5.5
<input type="checkbox"/> #8 Hike at weekends	New	1
<input type="checkbox"/> #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](#)

[Add tag +](#)

Created by xavier franch  
25 Jan 2022 19:24

Paragraph **B** *I* S 🔗 📎 📅 📌 📊 📝 🔍 🗑️ 🔄 🔗 Choose lang... 📄 ✕

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

Choose heading **B** *I* S 🔗 📎 📅 📌 📊 📝 🔍 🗑️ 🔄 🔗

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
<b>total points</b>	<b>6</b>

**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

+ USER STORY

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



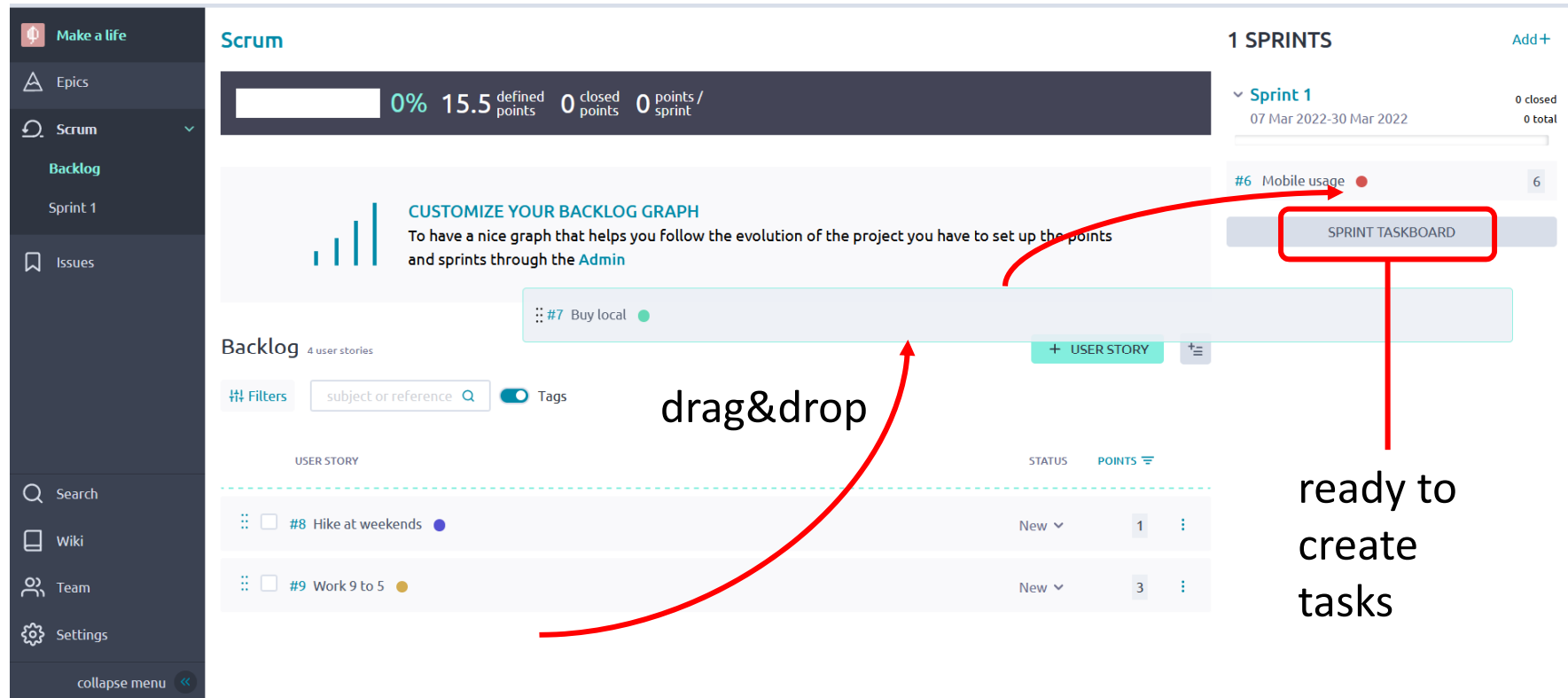
USER STORY	STATUS	POINTS
#6 Mobile usage	New	6

### New 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

# Start sprint (II)



**Scrum**

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

**1 SPRINTS** Add +

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

#6 Mobile usage 6

**SPRINT TASKBOARD**

**Backlog** 4 user stories

Filters subject or reference Tags

USER STORY STATUS POINTS

#8 Hike at weekends New 1

#9 Work 9 to 5 New 3

drag&drop

ready to create tasks

# Start sprint (III)

Make a life

Epics

Scrum

Backlog

Sprint 1

Issues

Search

Wiki

Team

Settings

collapse menu

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

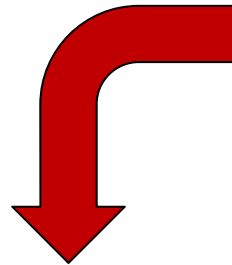
Filters

subject or reference

Zoom: Default

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

# 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

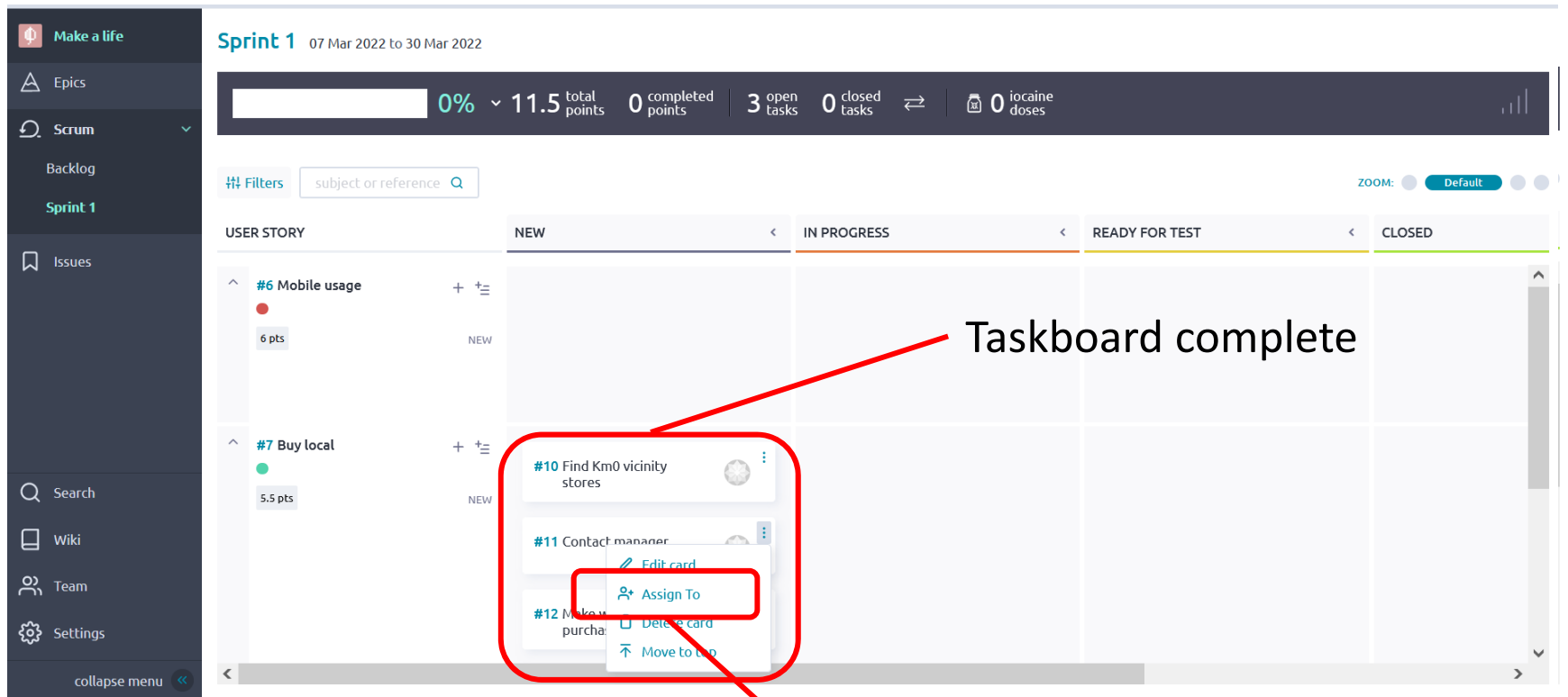
+ Add assigned Assign to me

WATCHERS

+ Add watchers Watch



# Create tasks (II)



The screenshot shows a Jira board for 'Sprint 1' (07 Mar 2022 to 30 Mar 2022). The board has columns for NEW, IN PROGRESS, READY FOR TEST, and CLOSED. A task card for '#10 Find Km0 vicinity stores' is highlighted with a red box. The 'Assign To' option is selected within the card's menu. A red arrow points from the text 'Taskboard complete' to the board, and another red arrow points from the text 'ready to assign' to the 'Assign To' option.

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
<b>#6 Mobile usage</b> 6 pts NEW					
<b>#7 Buy local</b> 5.5 pts NEW		#12 Make weekly purchase	#11 Contact manager	#10 Find Km0 vicinity stores 	
Storyless tasks					

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



CLOSED CLOSED ▾

ASSIGNED



xavier franch

+ Add assigned

WATCHERS

+ Add watchers

Watch



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!

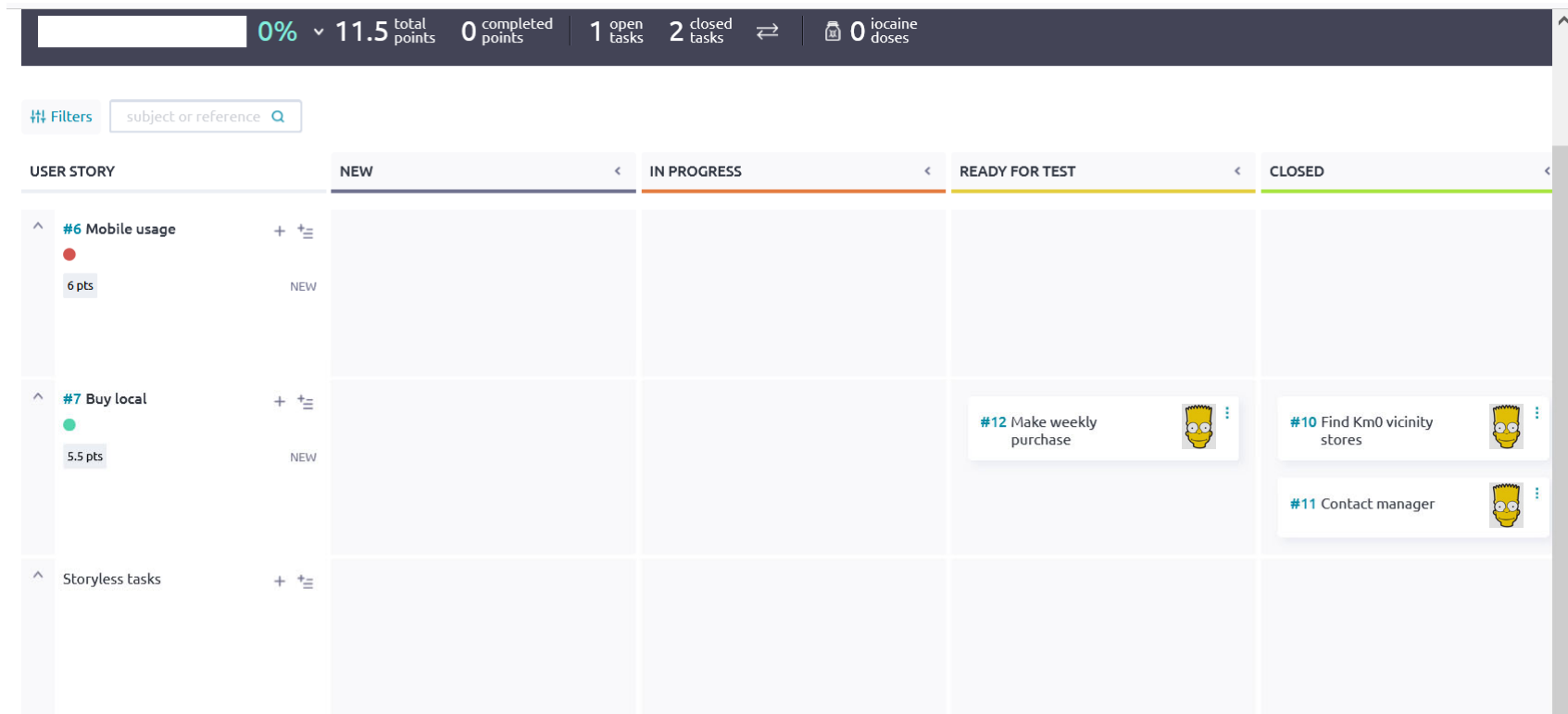
0 Comments

7 Activities

don't forget!

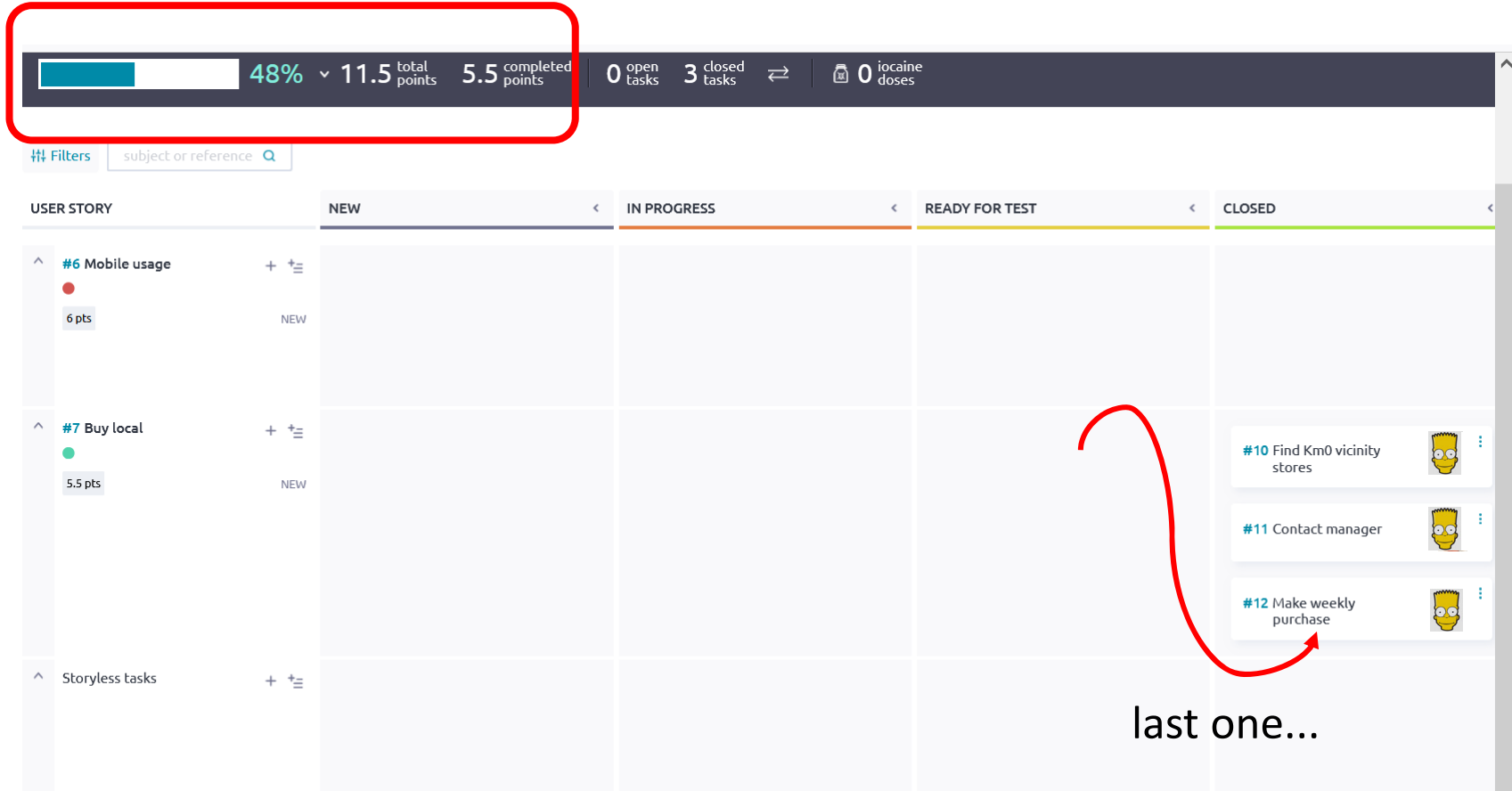


# Close tasks (III)



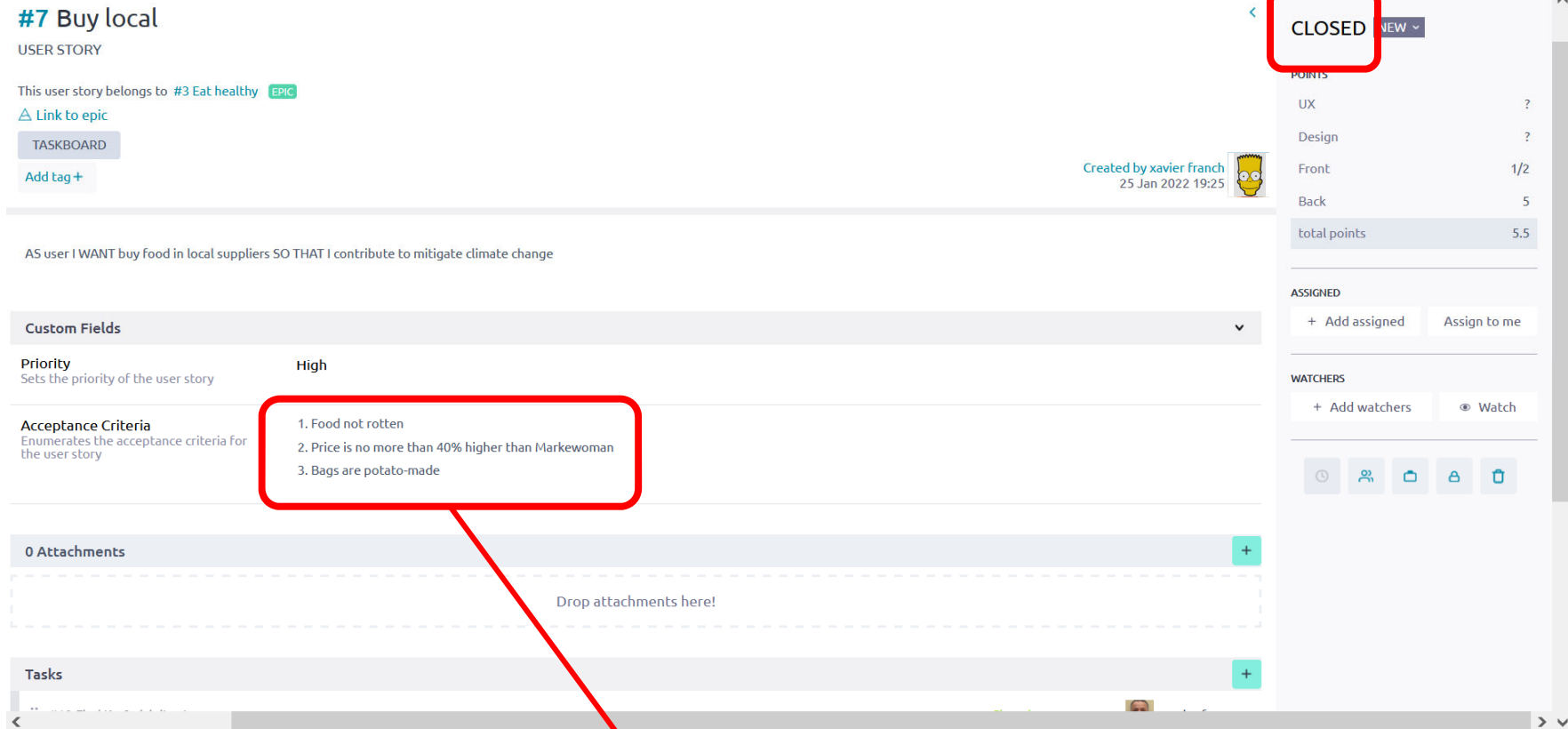
# Close tasks (IV)

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** [+](#)

**POINTS**

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

**ASSIGNED**

[+ Add assigned](#) [Assign to me](#)

**WATCHERS**

[+ Add watchers](#) [Watch](#)

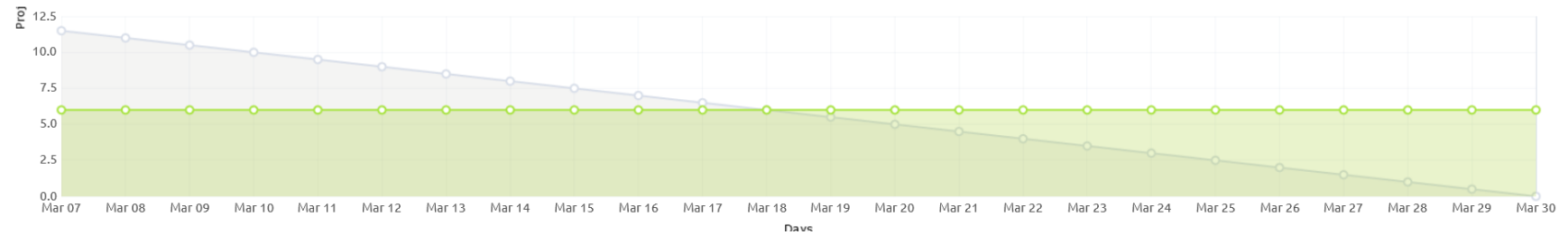
**CLOSED** [NEW](#)

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

# Projecte d'Enginyeria del Software: Taiga

Xavier Franch



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

---

Facultat d'Informàtica de Barcelona