

SOFTWARE ENGINEERING LAB-2

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SECTION : E

JIRA BACKLOG WITH EPICS AND USERS STORIES:

The screenshot displays the Jira Backlog interface for a project named "CMKP board". The interface is organized into several sections:

- Header:** Includes a search bar, a "Create" button, a "Premium trial" badge, and a "Rovo Chat" button.
- Left Sidebar:** Contains navigation options such as "For you", "Recent", "Starred", "Apps", "Plans", "Projects", "Starred", "Recent", "CMKP board", "My Kanban Project", "More projects", "Filters", "Dashboards", "Teams", "Confluence", and "Customise sidebar".
- Main Content Area:**
 - Project Summary:** Shows the project name "CMKP board" and a search bar.
 - Backlog View:** Displays a list of work items under the "Backlog" tab. The items are organized into a table with columns for status, priority, and assignee.
 - Work Items:** The backlog contains 9 work items, including "CMKP-14 coffee selection", "CMKP-15 size selection", "CMKP-5 customize add-ons (extra shot, soy/almond milk, syrups)", "CMKP-11 see the details and proceed with the order", "CMKP-18 customer payment", "CMKP-16 The system shall complete orders within 60s.", "CMKP-12 print a receipt", "CMKP-2 customer ordering experience", and "CMKP-17 coffee selection".
 - Filters and Tools:** Includes a "Search backlog" bar, a "Version" dropdown, an "Epic" dropdown, and "Quick filters".
 - Bottom Bar:** Contains a "Create" button, a "selected" button, a "Select all" button, and a "Delete" button.

Jira

Search

Create

Premium trial

Rovo Chat

3

?

P

Projects / coffee making_kiosk_PES2UG23CS272

CMKP board

SummaryTimelineBacklogActive sprintsCalendarReportsListFormsGoalsAll workComponentsCodeMore4

Search ba...VersionEpicQuick filters

Recently UpdatedAssigned to me

Epic

No epic

customize add-ons

payment options

print a receipt .

size selection

CMKP Sprint 210 Sep – 17 Sep (6 work items)

3210Start sprint

CMKP-6size selectionSIZE SELECTIONTO DO- = P

CMKP-12print a receipt .PRINT A RECEIPT .TO DO3 = P

CMKP-5customize add-ons (extra shot, soy/almond milk, syrups).CUSTOMIZE ADD-ONSIN PROGRESS5 = P

CMKP-9coffee selectionCOFFEE SELECTIONTO DO- = P

CMKP-18customer paymentPAYMENT OPTIONSIN PROGRESS8 = P

CMKP-2customer ordering experiencePAYMENT OPTIONSIN PROGRESS8 = P

Quickstart

STORY POINT ASSIGNMENTS:

For you

Recent

Starred

Apps

Plans

Projects

Starred

(Learn) Jira Premium b...

Recent

coffee making... + ...

CMKP board

My Kanban Project

More projects

Filters

Dashboards

Teams

Confluence

Customise sidebar

Give feedback on the n...

Projects / coffee making_kiosk_PES2UG23CS272

CMKP board

Summary

Timeline

Backlog

Active sprints

Calendar

Reports

List

Forms

Goals

All work

Components

Code

More

Search backlog

Version

Epic

Quick filters

Recently Updated

Assigned to me

Epic

No epic

coffee selection

size selection

customize add-ons

payment options

print a receipt

Create epic

Backlog (9 work items)

CMKP-14 coffee selection

CMKP-15 size selection

CMKP-5 customize add-ons (extra shot, soy/almond milk, syrups).

CMKP-11 see the details and proceed with the order

CMKP-18 customer payment

CMKP-16 The system shall complete orders within 60s.

CMKP-12 print a receipt .

CMKP-2 customer ordering experience

CMKP-17 coffee selection

Create

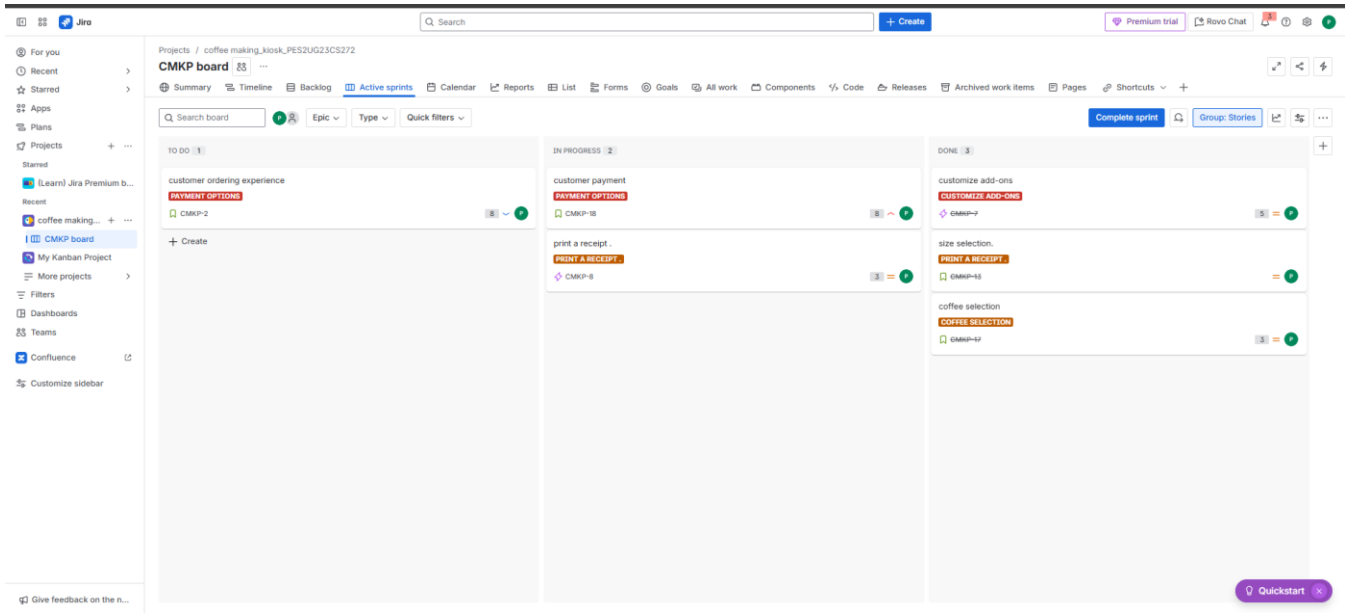
40 0 0

Create sprint

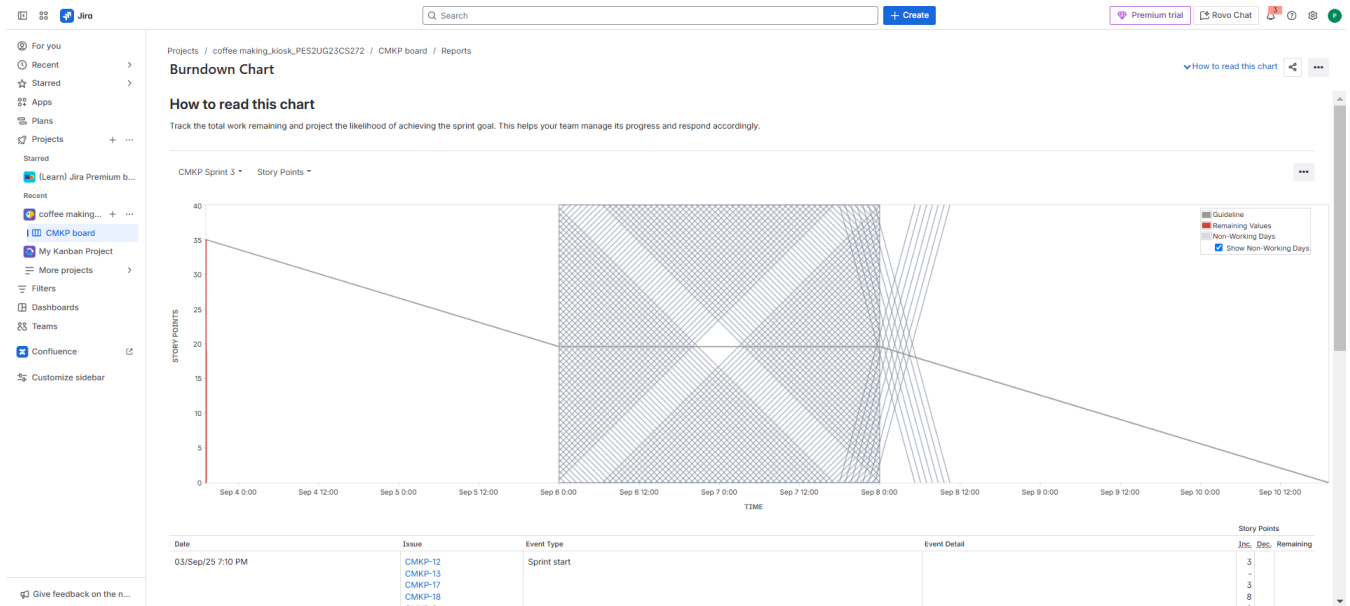
CMKP-14 coffee selection	COFFEE SELECTION	TO DO	3	
CMKP-15 size selection	SIZE SELECTION	TO DO	2	
CMKP-5 customize add-ons (extra shot, soy/almond milk, syrups).	CUSTOMIZE ADD-ONS	TO DO	5	
CMKP-11 see the details and proceed with the order	PAYMENT OPTIONS	TO DO	3	
CMKP-18 customer payment	PAYMENT OPTIONS	TO DO	8	
CMKP-16 The system shall complete orders within 60s.	PRINT A RECEIPT	TO DO	5	
CMKP-12 print a receipt .	PRINT A RECEIPT	TO DO	3	
CMKP-2 customer ordering experience		TO DO	8	
CMKP-17 coffee selection	COFFEE SELECTION	TO DO	3	

Quickstart

Sprint board (Active Sprint view):



BURNDOWN CHART:



REFLECTED QUESTIONS :

1. Did your estimations reflect the actual effort?

I thought some tasks would be easier, but they were actually harder, so we couldn't finish as much as we planned in Sprint .

2. Was your backlog well-prioritized?

I feel the backlog was prioritized well. I put the most important features for the customer, like choosing a coffee and paying, at the top of the list. The problem in Sprint wasn't the order of the tasks, it was simply that I tried to do too much work at once.

3. How did your simulated sprint align with your plan?

My sprints didn't really go according to plan. In Sprint 1, the plan was to finish 40 points, but my first graph showed that nothing was completed. In Sprint 2, the plan was to finish 28 points, but I only got about 6 done, so that also didn't align with what I had planned.

4. What insights did the burndown chart give about your team's capacity?

The burndown chart for Sprint 3 was the most insightful. It clearly showed that my team's actual capacity was only about 6 story points for that period, not the 28 I had planned. This is a perfect example of committing to too much work. For the next sprint, I know I need to plan for a much smaller workload to be more realistic and successful