

SPRINT 1 REPORT

The IBM logo is positioned on the left side of the slide. It consists of a dark blue vertical bar on the far left, followed by a horizontal blue bar that points to the right like an arrow. The letters "IBM" are written in white on the right side of this horizontal bar.

IBM

SMARTFARMER – IoT ENABLED SMART FARMING APPLICATION

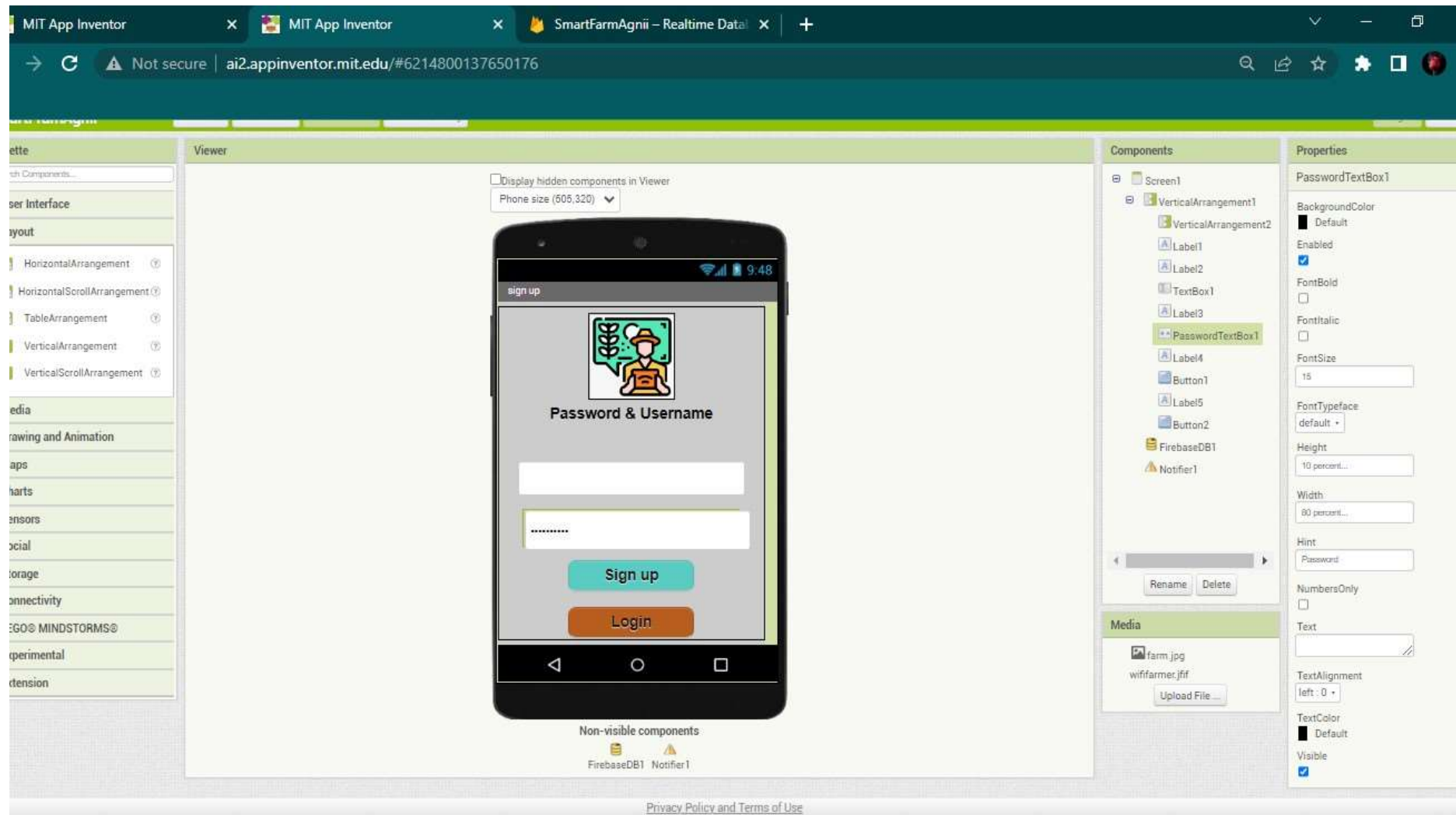
TEAM ID – PNT2022TMID31498

- **TEAM LEADER : SAJETHA M**
- **TEAM MEMBER : PAVATHARANI P**
 - **TEAM MEMBER : PAVITHRA K**
- **TEAM MEMBER : NAVIYARASU G**

Project Tracker

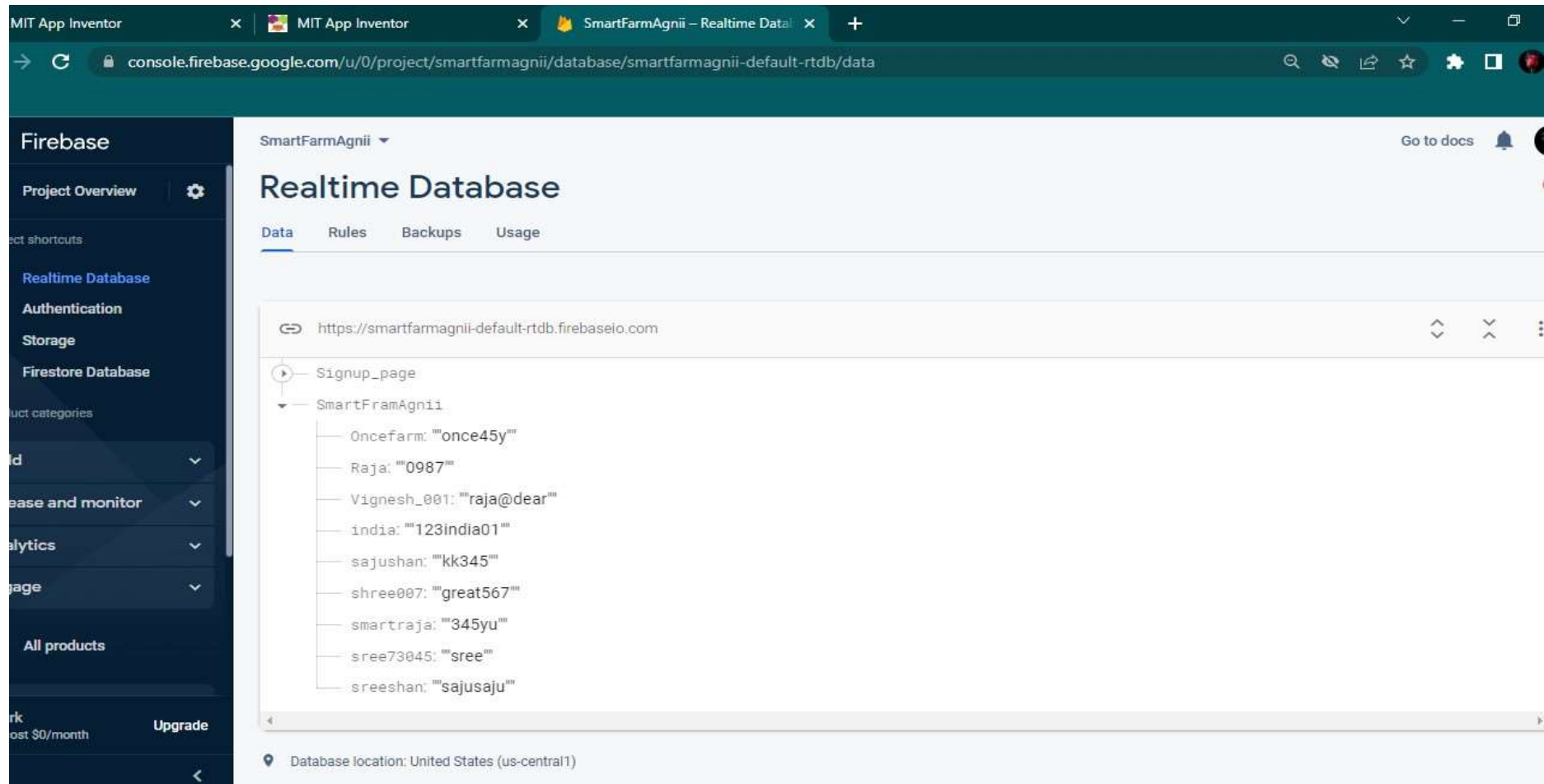
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	15	5 Days	26 Oct 2022	30 Oct 2022	15	30 Oct 2022
Sprint-2	15	7 Days	31 Oct 2022	06 Nov 2022		07 Nov 2022
Sprint-3	15	6 Days	07 Nov 2022	12 Nov 2022		13 Nov 2022
Sprint-4	15	6 Days	13 Nov 2022	18 Nov 2022		18 Nov 2022 – 19 Nov 2022

Login Screen Creation



User Account Creation & Testing


We created nearly 10 accounts for testing and login purposes. During testing we found that our app is working correctly.



S.NO	Tools & Technology Used
1	MIT App Inventor – For Creating Application
2	Firebase – Used as a Database for user credentials
3	Manual Testing – Apps are tested manually

Application in Mobile

sign up



Password & Username

sreedhar

.....

Sign up

Login



The screenshot shows a Jira board with a Kanban workflow. The board has columns for Sprints, Releases, and a backlog. The board is currently set to 'Weeks' view, showing a timeline from October 25 to November 16, 2023. A vertical orange line indicates the current date is November 1, 2023.

The board displays several epic cards for SFDP-1 through SFDP-9, each with a description and a progress bar. The cards are as follows:

- SFDP-1: This Epic is to accomplish user s... (Progress: 100%)
- SFDP-2: This Epic is to accomplish user s... (Progress: 100%)
- SFDP-3: This Epic is to create a dashboar... (Progress: 0%)
- SFDP-4: This Epic is to accomplish the Io... (Progress: 0%)
- SFDP-5: This Epic is to accomplish to sol... (Progress: 0%)
- SFDP-6: This Epic is to accomplish to sol... (Progress: 0%)
- SFDP-7: This Epic is to accomplish to sol... (Progress: 0%)
- SFDP-8: This Epic is to accomplish the c... (Progress: 0%)
- SFDP-9: This Epic is to accomplish to ap... (Progress: 0%)

At the bottom of the board, there is a '+ Create Epic' button. The bottom right corner of the board shows navigation buttons for 'Today', 'Weeks', 'Months', and 'Quarters', with a share icon next to them.



Your work ▾

Projects ▾

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Projects / Smart Farmer Development Phase / SFDP board

Backlog

Share



Search backlog



Only My Issues

Recently Updated

Insights

Start sprint



View linked pages

VERSIONS

▼ SFDP Sprint 2 5 issues



Add dates

EPICS



Least Devices and Better Output

IoT Device Setup



SFDP-18



2

Graphical / Pictorial Representantion for app and web ui

Dashboard



SFDP-15



3

Low cost setup

IoT Device Setup



SFDP-19



2

Single Widget Representation

Dashboard



SFDP-16



5

Organised widget section

Dashboard



SFDP-14



3

+ Create issue



5 issues Estimate 15



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Ap



+ Create issue



5 issues Estimate 15

▾ **SFDP Sprint 3** 5 issues

Add dates



[View linked pages](#)



<input type="checkbox"/> Multiple sensors in setup	IoT Device Setup	SS	SFDP-20	⬆	2
<input type="checkbox"/> Manual guide creation for application	User Problems	S	SFDP-21	=	3
<input type="checkbox"/> Solution to the Queries	Query Clarification	SM	SFDP-24	⬆	4
<input type="checkbox"/> Query form in the application	User Problems	SS	SFDP-23	⬆	2
<input type="checkbox"/> Provide commands through application	Application	S	SFDP-29	⬆	4

+ Create issue



5 issues Estimate 15

SFDP Sprint 44 issues

...

Add dates

View linked pages

- SS
- S
- SM
- S
- ...

<input type="checkbox"/> Only Authorised person access	Particular Access	SM	SFDP-27	4
<input type="checkbox"/> Testing the application in multiple android platform and ensures the working	User Problems	S	SFDP-22	3
<input type="checkbox"/> Testing the hardware setup and ensure the working	Connection with IoT De...	S	SFDP-28	4
<input type="checkbox"/> Agricultural Notes	Application	SS	SFDP-30	4

+ Create issue

4 issues Estimate 15

Backlog 0 issues

Create sprint...

Your backlog is empty.

+ Create issue



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Projects / Smart Farmer Development Phase / SFDP board

SFDP Sprint 1



0 days remaining

Complete sprint



Search this board



Only My Issues

Recently Updated

Insights

TO DO

IN PROGRESS

DONE

Creation of Login page in Application

Registration



4

SFDP-10



Developing Logic for Sign in and Sign Up and Database Integration

Registration



5

SFDP-11



Testing the created sign in and sign up page in our app and ensure the working of the app

Registration



3

SFDP-12



User can log into application by entering the email and password

Login



3

SFDP-13





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Projects / Smart Farmer Development Phase

Issues

Share ▾

Export issues ▾

Go to advanced search

LIST VIEW ≡

DETAIL VIEW ≡



Search issues



Project: Smart Farmer Development Phase ▾

Type ▾

Status ▾

Assignee ▾

BASIC

JQL

Status category: Done ✕

More +

Reset

Save filter

Type	Key	Summary	Assignee	Reporter	P	Status
	SFDP-13	User can log into application by entering the email and password	shreedharen007	shanmugam		DONE ▾
	SFDP-12	Testing the created sign in and sign up page in our app and ensure the working of the app	shanmugam	shanmugam		DONE ▾
	SFDP-11	Developing Logic for Sign in and Sign Up and Database Integration	Selvaraj S	shanmugam		DONE ▾
	SFDP-10	Creation of Login page in Application	SREEDHAR M	shanmugam		DONE ▾



Give feedback

1-4 of 4 ↻



1





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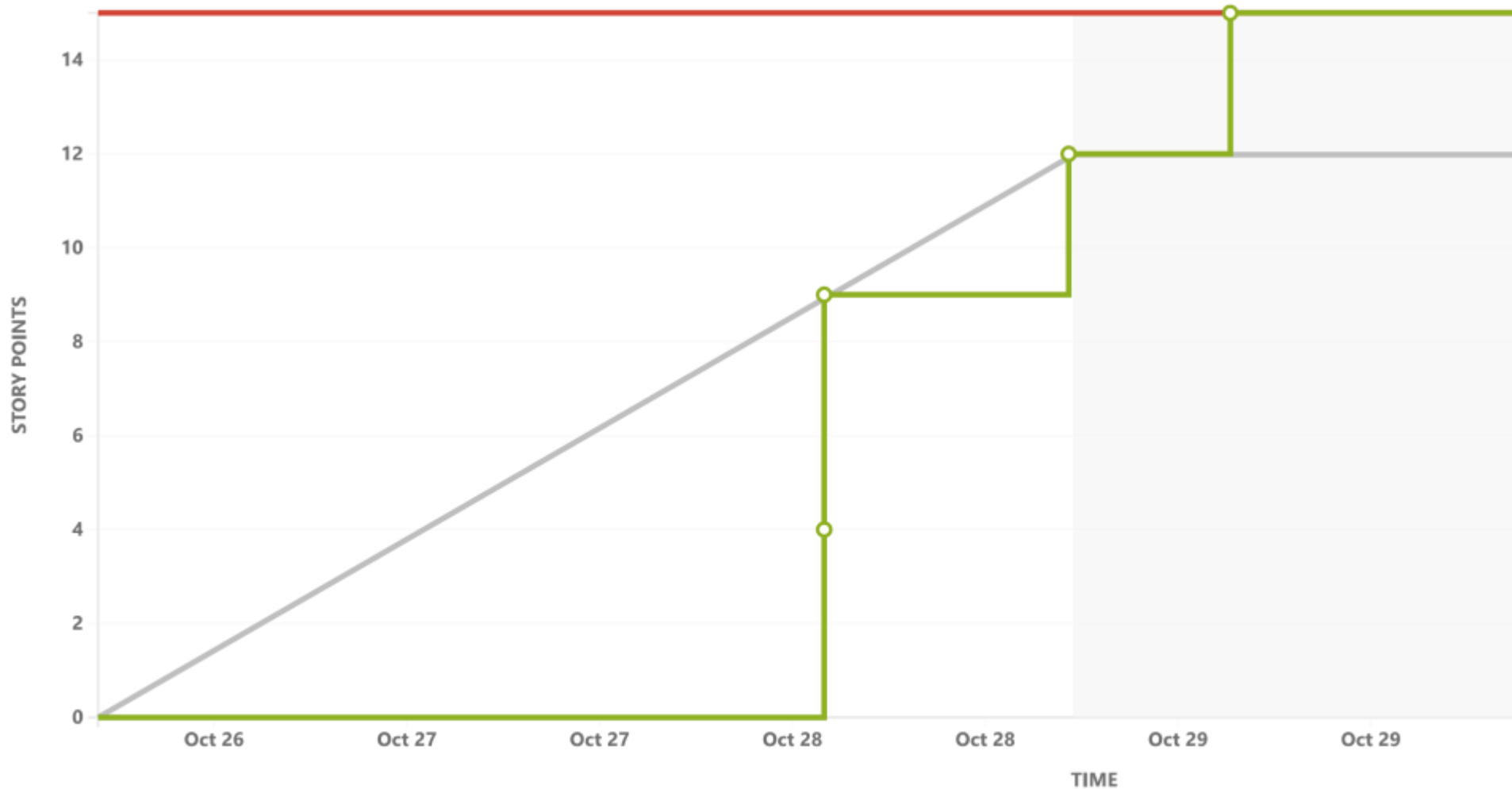
Projects / Smart Farmer Development Phase / SFDP board / Reports

Burnup Chart



SFDP Sprint 1 Story Points ▾

Work scope Scope projection
Completed Work
Guideline





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Apps ▾



Date	Event Type	Issue	Completed Work	Work scope
26/Oct/22 11:16 AM	Sprint started	SFDP-10 Creation of Login page in Application SFDP-11 Developing Logic for Sign in and Sign Up and Database Integration SFDP-12 Testing the created sign in and sign up page in our app and ensure the working of the app SFDP-13 User can log into application by entering the email and password	0	15
28/Oct/22 8:28 AM	Issue completed	SFDP-10 Creation of Login page in Application	0 → 4	15
28/Oct/22 8:28 AM	Issue completed	SFDP-11 Developing Logic for Sign in and Sign Up and Database Integration	4 → 9	15
28/Oct/22 11:41 PM	Issue completed	SFDP-12 Testing the created sign in and sign up page in our app and ensure the working of the app	9 → 12	15
29/Oct/22 9:44 AM	Issue completed	SFDP-13 User can log into application by entering the email and password	12 → 15	15
31/Oct/22 3:17 PM	Sprint finished	SFDP-10 Creation of Login page in Application SFDP-11 Developing Logic for Sign in and Sign Up and Database Integration SFDP-12 Testing the created sign in and sign up page in our app and ensure the working of the app SFDP-13 User can log into application by entering the email and password	15	15



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Velocity Chart



Projects / Smart Farmer Development Phase / SFDP board / Reports

Epic Burndown



SFDP-1: Registration

[View linked pages](#)

0% unestimated issues

12 of 12 completed (story points)



Work completed



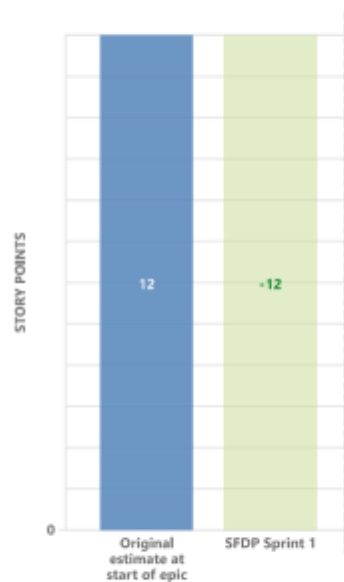
Work remaining



Work forecast



Work added



No forecast available yet

A forecast cannot be shown until at least 3 sprints have been completed.

[Learn more](#)



Viewing options

☒ Align sprints at the base of the chart

Use this view to see trends in the scope for the epic.

Epic

[SFDP-1](#) This Epic is to accomplish user should able to register in our app



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People ▾

Apps ▾



Completed Issues

SFDP Sprint 1 26/Oct/22 - 31/Oct/22

[View in Issue Navigator](#)

Key	Summary	Issue Type	Priority	Status	Story Points (12)
SFDP-10	Creation of Login page in Application	Story	Highest	DONE	4
SFDP-11	Developing Logic for Sign in and Sign Up and Database Integration	Story	Highest	DONE	5
SFDP-12	Testing the created sign in and sign up page in our app and ensure the working of the app	Story	High	DONE	3

Projects / Smart Farmer Development Phase / SFDP board / Reports

Epic Burndown

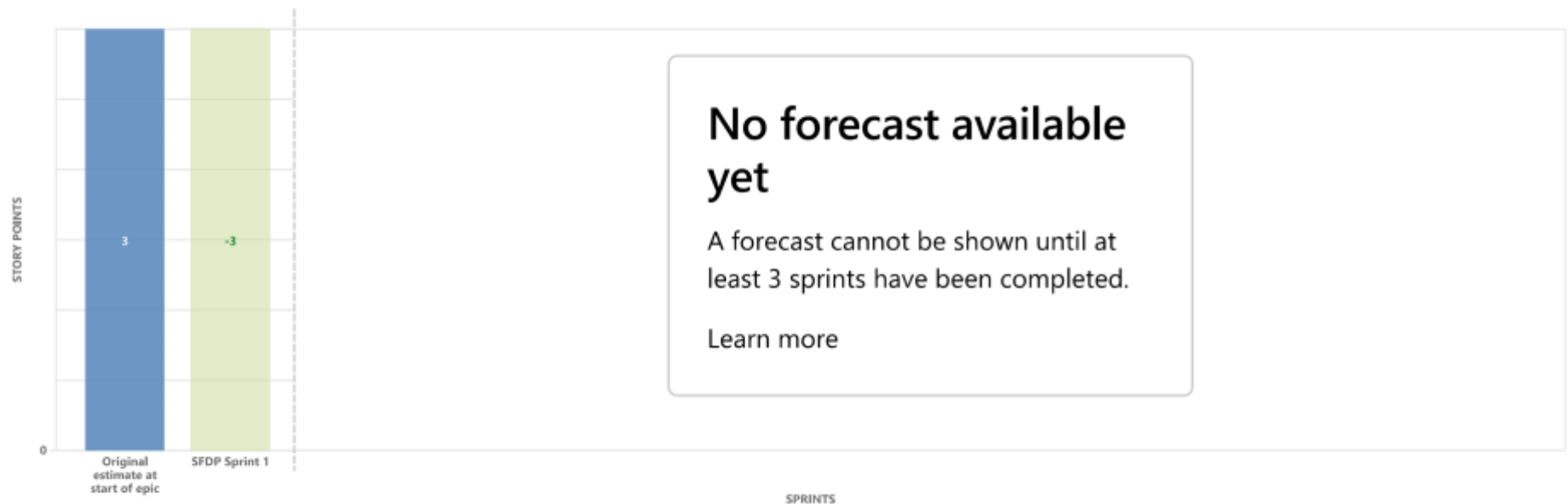


SFDP-2: Login

[View linked pages](#)

0% unestimated issues

3 of 3 completed (story points)





- ☒ Align sprints at the base of the chart

Epic

Completed Issues

[View in Issue Navigator](#)

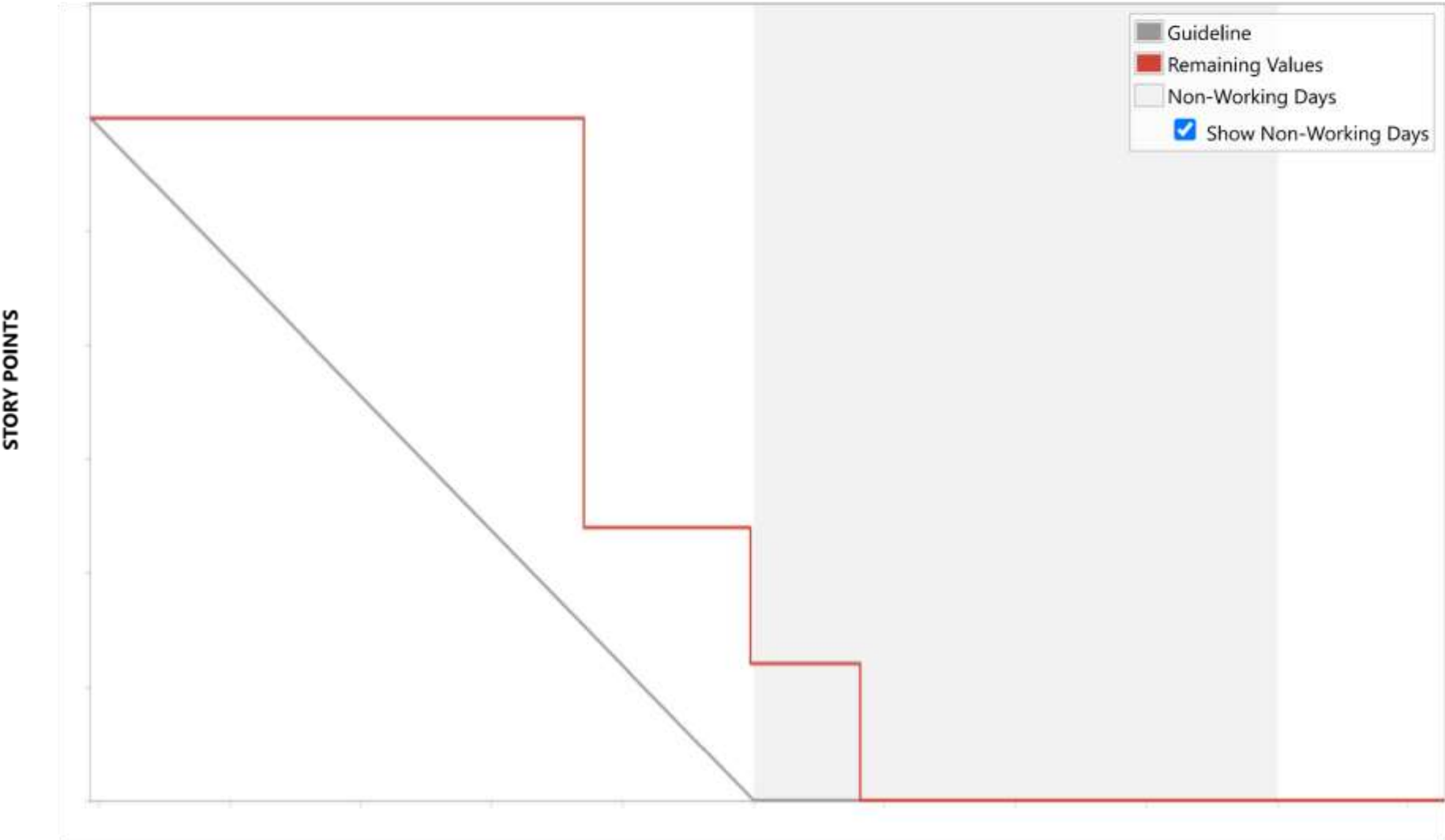
Key	Summary	Issue Type	Priority	Status	Story Points (3)
SFDP-13	User can log into application by entering the email and password	 Story	 Medium	DONE	3

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Burndown Chart



SFDP Sprint 1
 Story Points



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Story Points

	Date	Issue	Event Type	Event Detail	Story Points		
					Inc.	Dec.	Remaining
>	26/Oct/22 11:16 AM	SFDP-10	Sprint start		4		
		SFDP-11			5		
		SFDP-12			3		
		SFDP-13			3		15
	28/Oct/22 8:28 AM	SFDP-10	Burndown	Issue completed		4	11
		SFDP-11	Burndown	Issue completed		5	6
	28/Oct/22 11:41 PM	SFDP-12	Burndown	Issue completed		3	3
	29/Oct/22 9:44 AM	SFDP-13	Burndown	Issue completed		3	0
	31/Oct/22 3:17 PM	SFDP-10	Sprint ended by shanmugam				0
		SFDP-11					0
		SFDP-12					0
		SFDP-13					0
							0



Your work ▾

Projects ▾

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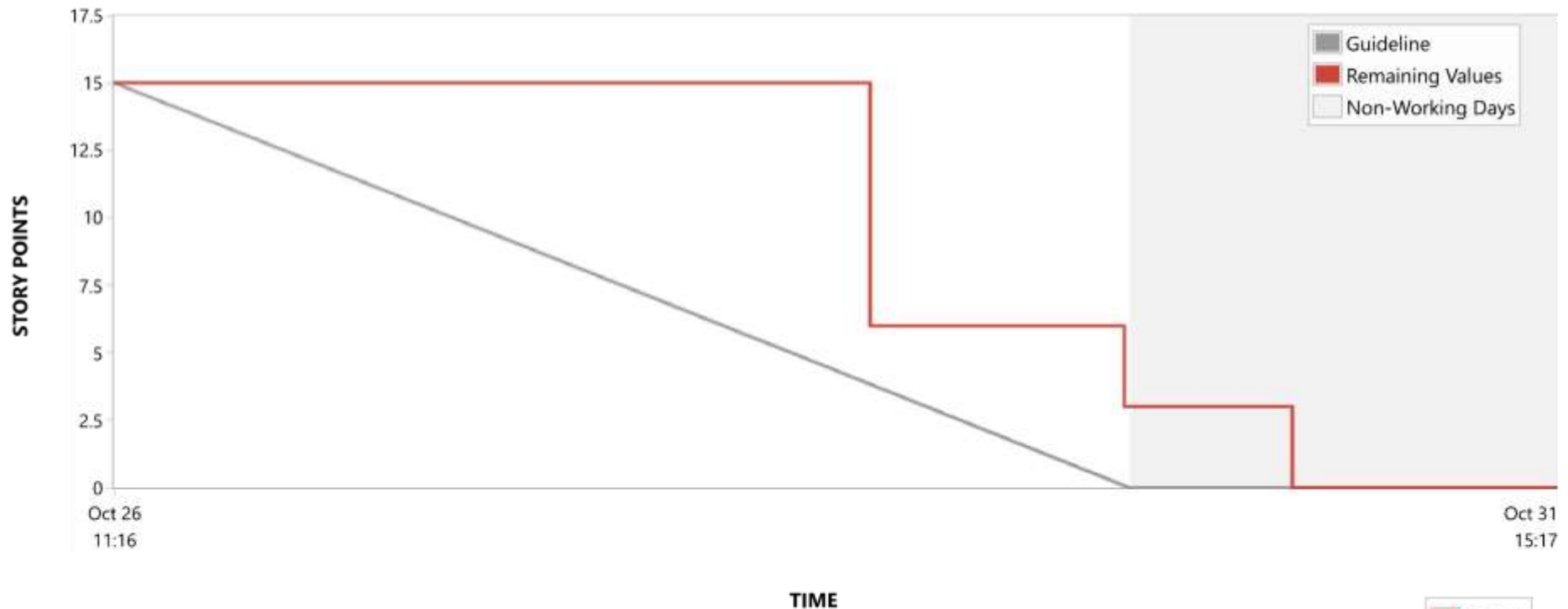
Projects / Smart Farmer Development Phase / SFDP board / Reports

Sprint Report



SFDP Sprint 1

Closed sprint, ended by shanmugam 26/Oct/22 11:16 AM - 31/Oct/22 3:17 PM [View linked pages](#)



Opsgenie alerts



Give feedback



ALERT



Connect an Opsgenie team in project settings to start syncing alert data. [Go to project settings](#)



Oct 26

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Apps ▾



Status Report

Completed Issues

[View in Issue Navigator](#)

Key	Summary	Issue Type	Priority	Status	Story Points (15)
SFDP-10	Creation of Login page in Application	Story	Highest	DONE	4
SFDP-11	Developing Logic for Sign in and Sign Up and Database Integration	Story	Highest	DONE	5
SFDP-12	Testing the created sign in and sign up page in our app and ensure the working of the app	Story	High	DONE	3
SFDP-13	User can log into application by entering the email and password	Story	Medium	DONE	3



Your work ▾

Projects ▾

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Projects / Smart Farmer Development Phase / SFDP board / Reports

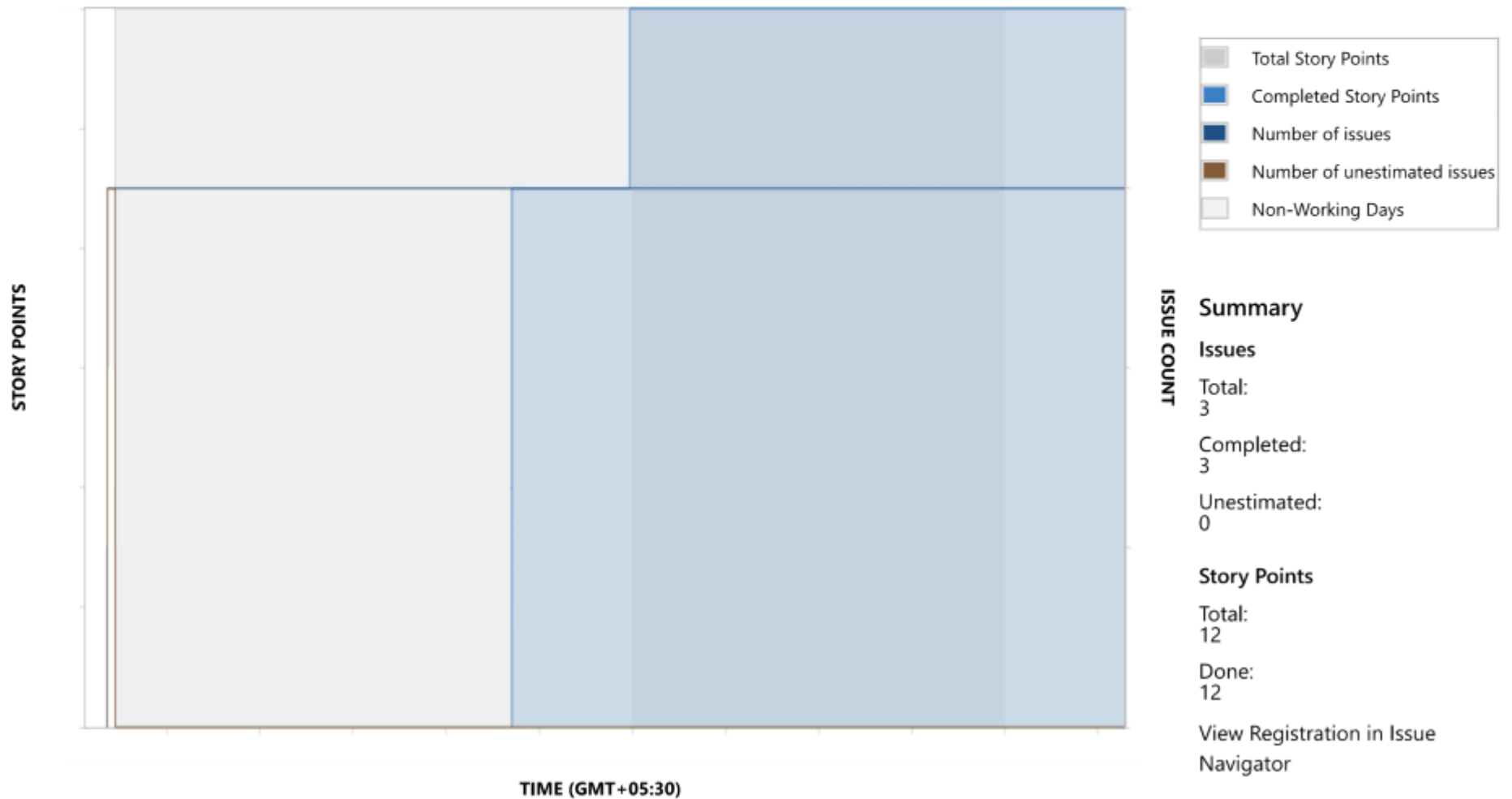
Epic Report



Registration

SFDP-1 This Epic is to accomplish user should able to register in our app







[View linked pages](#)



Status Report

Completed Issues

View in Issue Navigator

Key	Summary	Issue Type	Priority	Status	Story Points (12)
SFDP-10	Creation of Login page in Application	 Story	 Highest	DONE	4
SFDP-11	Developing Logic for Sign in and Sign Up and Database Integration	 Story	 Highest	DONE	5
SFDP-12	Testing the created sign in and sign up page in our app and ensure the working of the app	 Story	 High	DONE	3

Projects / Smart Farmer Development Phase / SFDP board / Reports

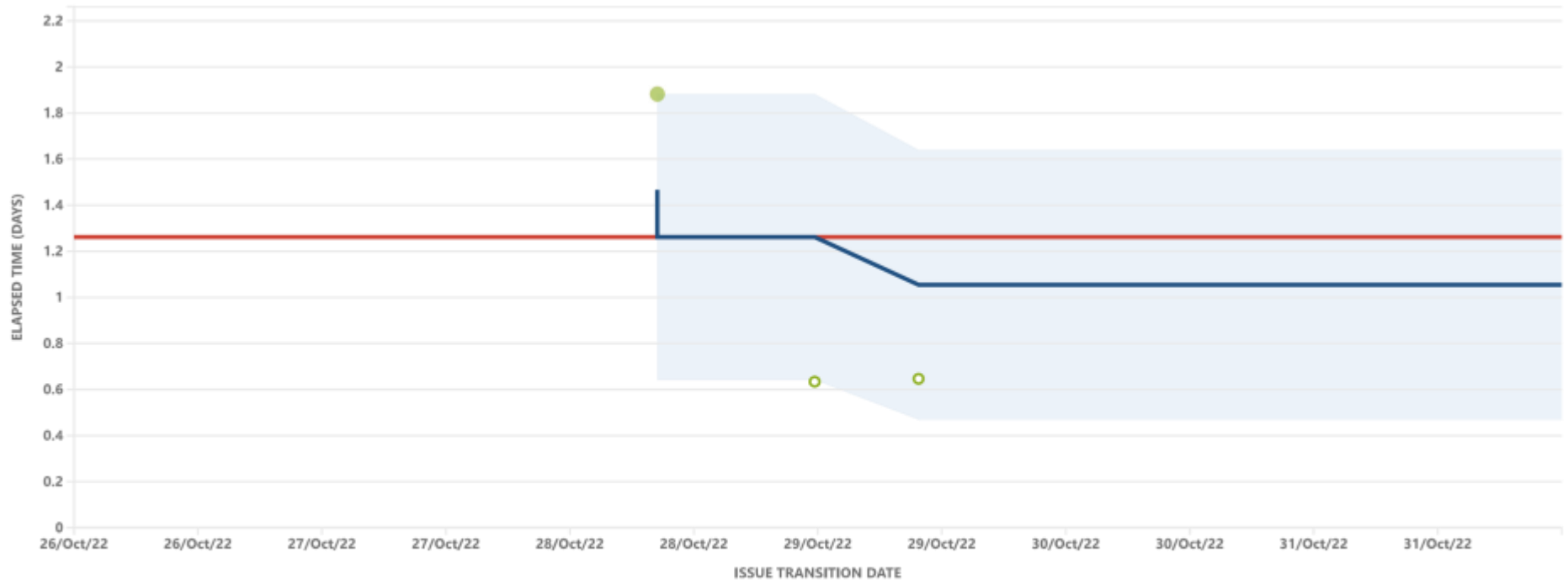
Control Chart



26/Oct/22 to 31/Oct/22 (Custom)

1d 6h average 1d 6h median 15h 13m min time
 1d 21h max time 4 issues

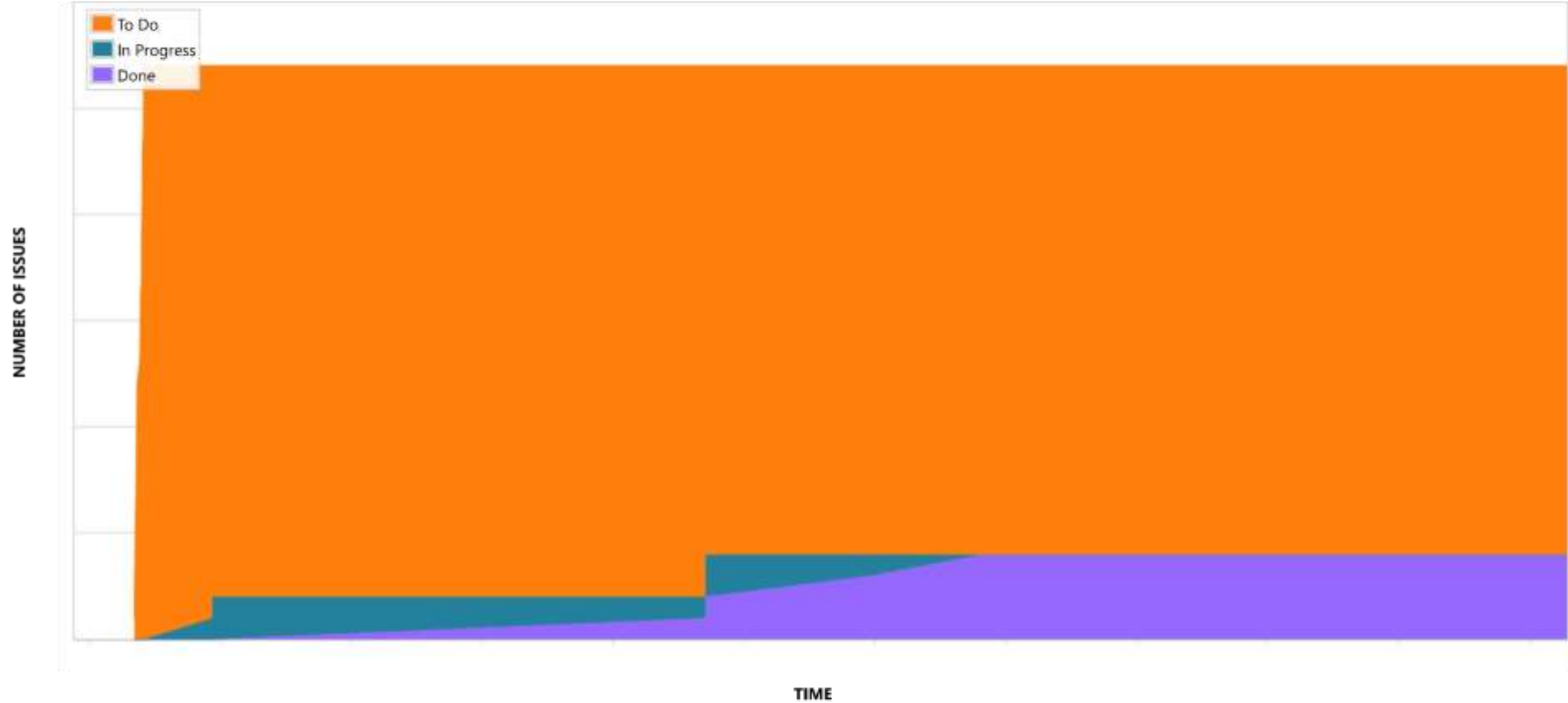
- Issue
- Cluster of issues
- Average
- Rolling average
5 issue window
- Standard deviation



Cumulative Flow Diagram



26/Oct/22 to 31/Oct/22 (All Time)
[Refine report](#)



Overview

Click and drag cursor across chart or chart overview to select date range (double-click overview to reset).

