

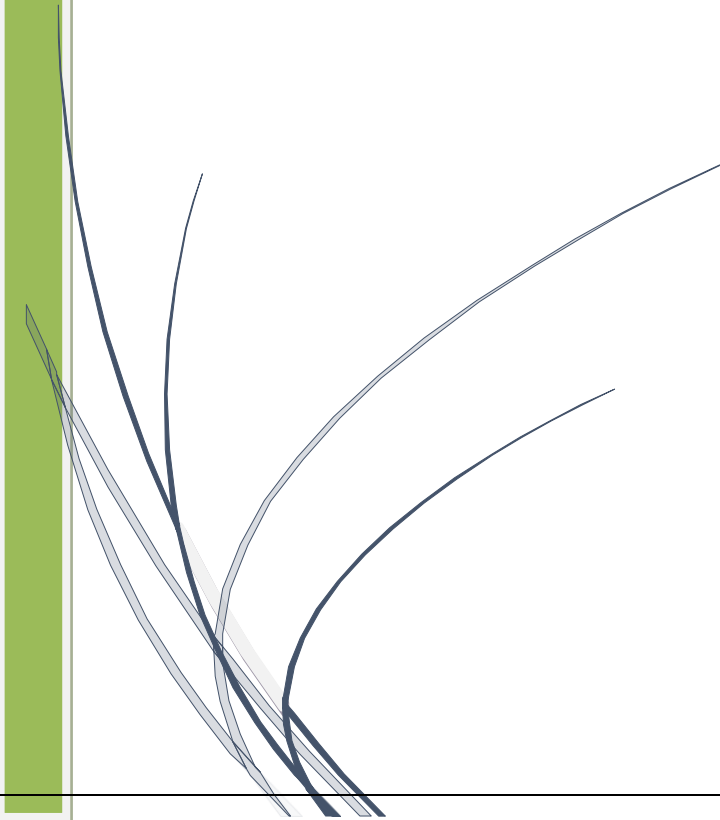


IBM

SPRINT 1 REPORT

SMARTFARMER – IOT ENABLED
SMART FARMING APPLICATION

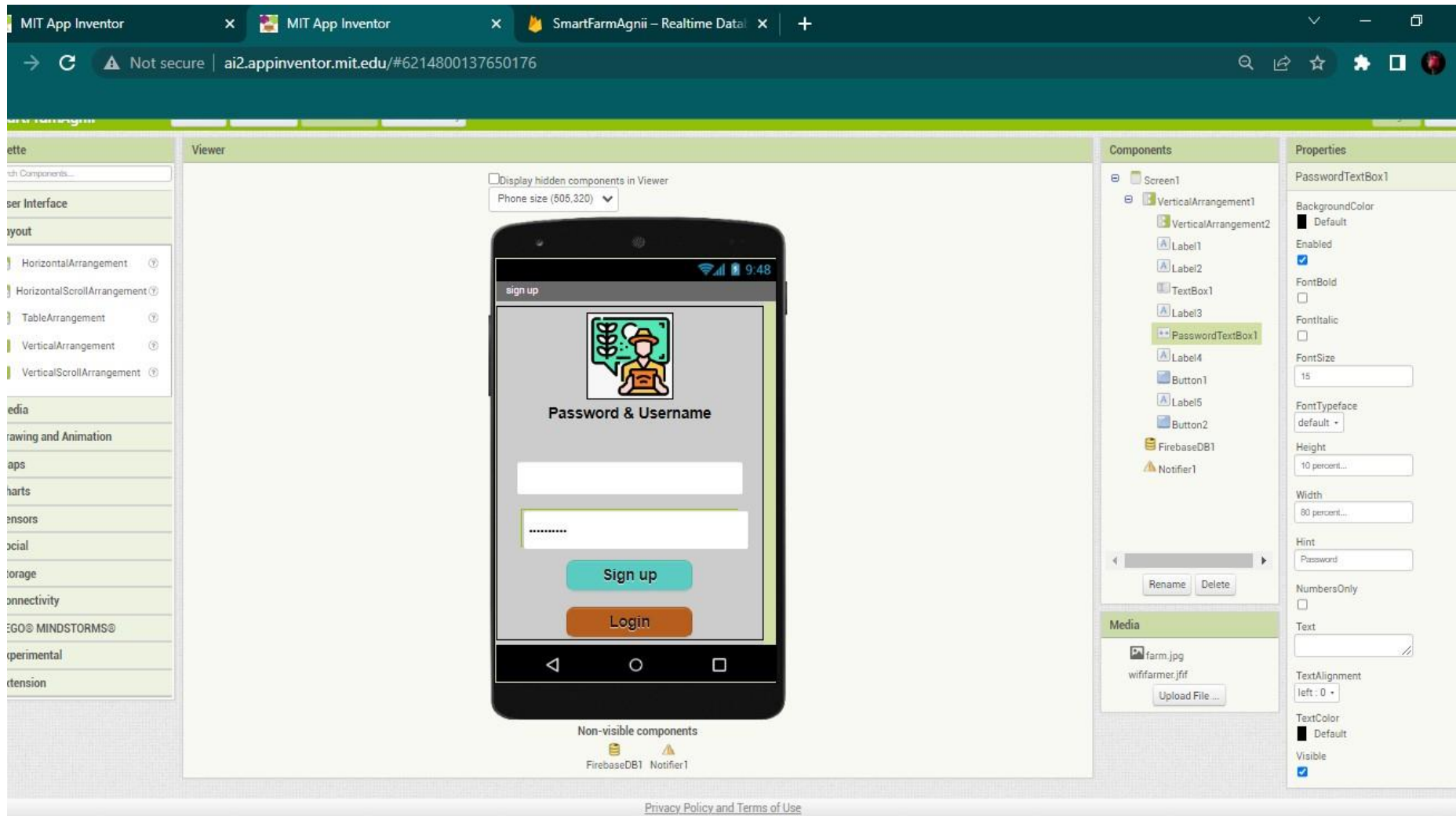
TEAM ID – PNT2022TMID38289

- **TEAM LEADER : NIRMAL KUMAR A**
 - **TEAM MEMBER : ARUN KUMAR G**
 - **TEAM MEMBER : DHYANESHWARI G**
 - **TEAM MEMBER : RAJI R**
- 

Project Tracker

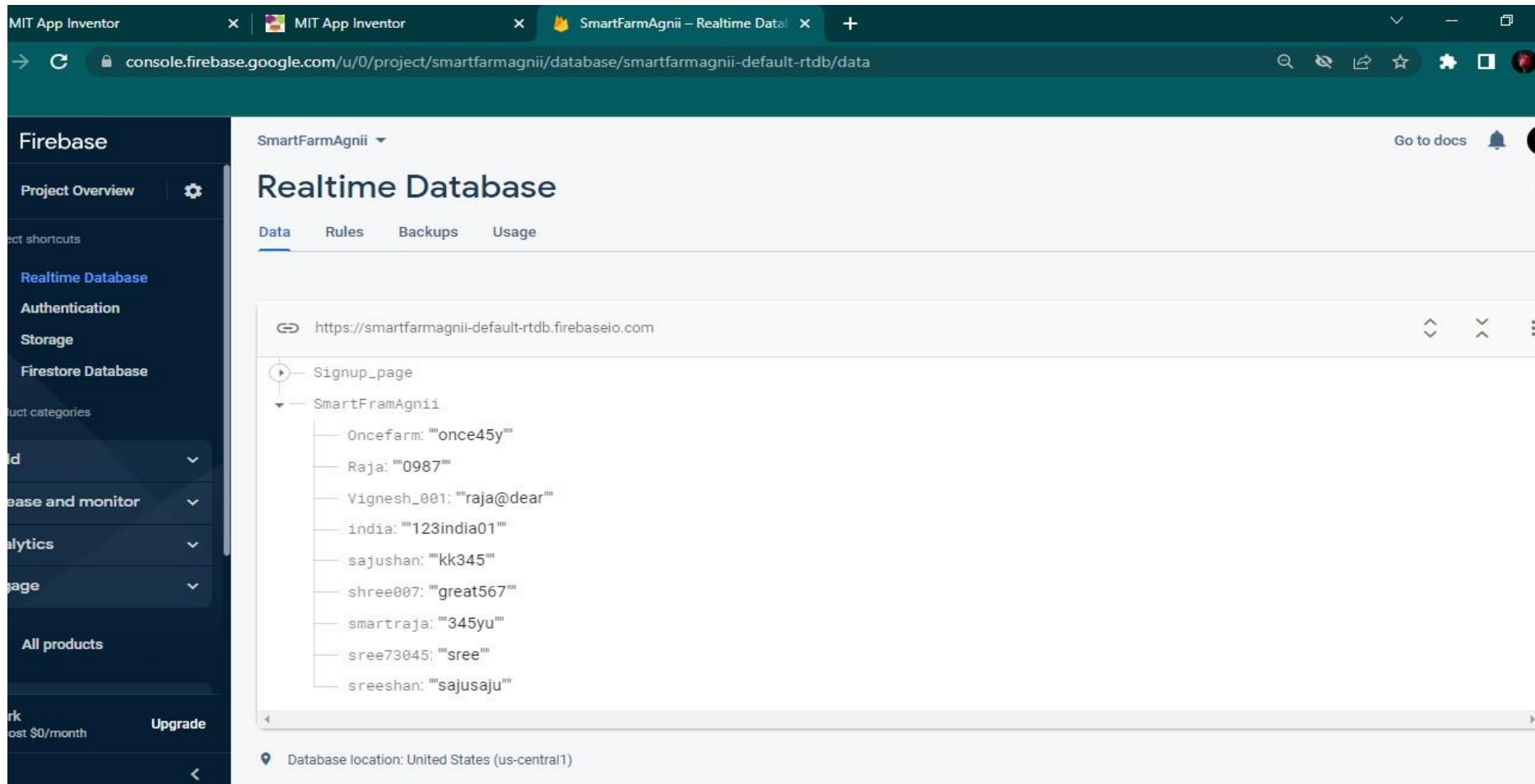
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	15	5 Days	26 Oct 2022	30 Oct 2022	15	30 Oct 2022
Sprint-2	15	7 Days	31 Oct 2022	06 Nov 2022		07 Nov 2022
Sprint-3	15	6 Days	07 Nov 2022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



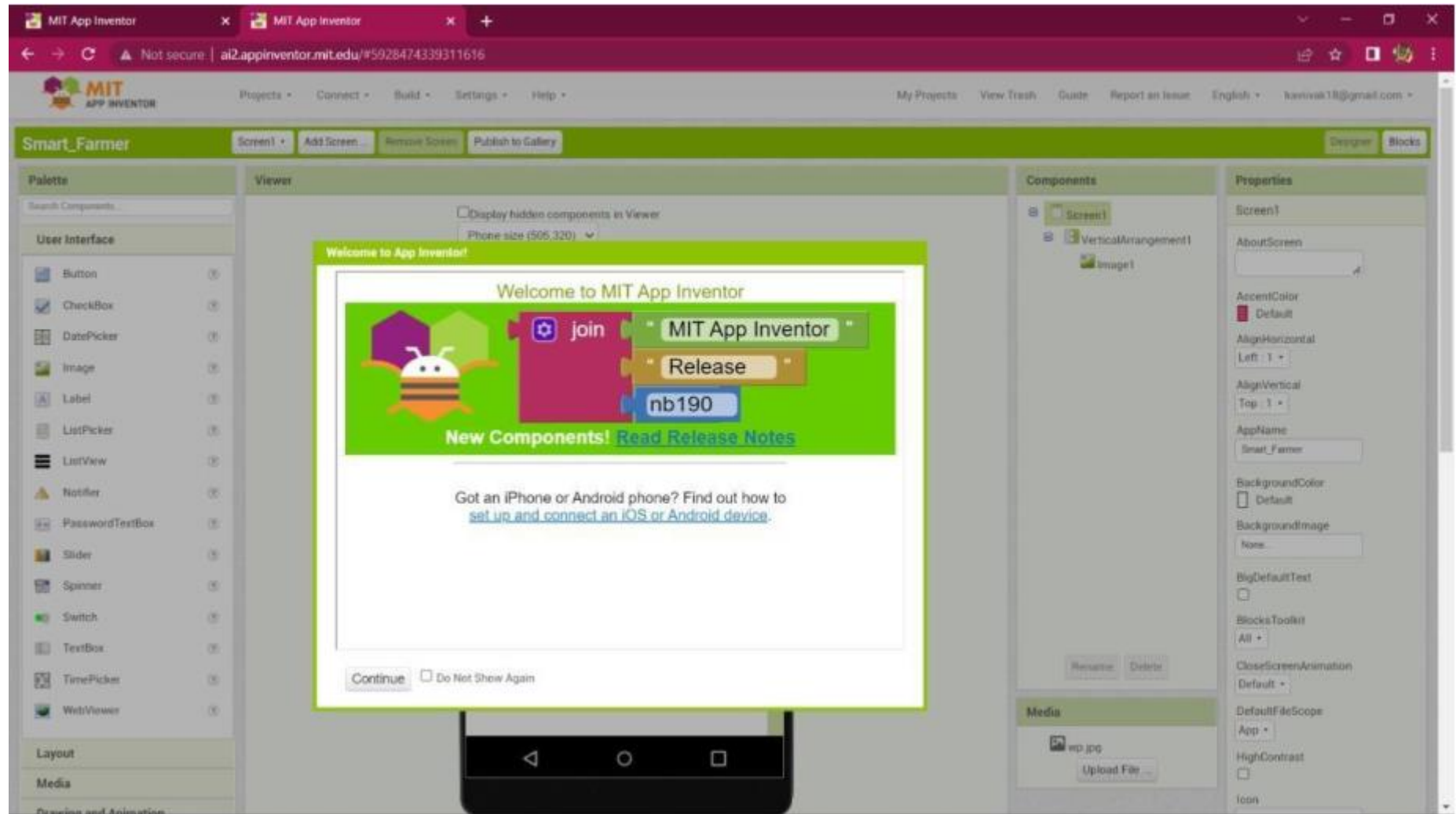
User Account Creation & Testing

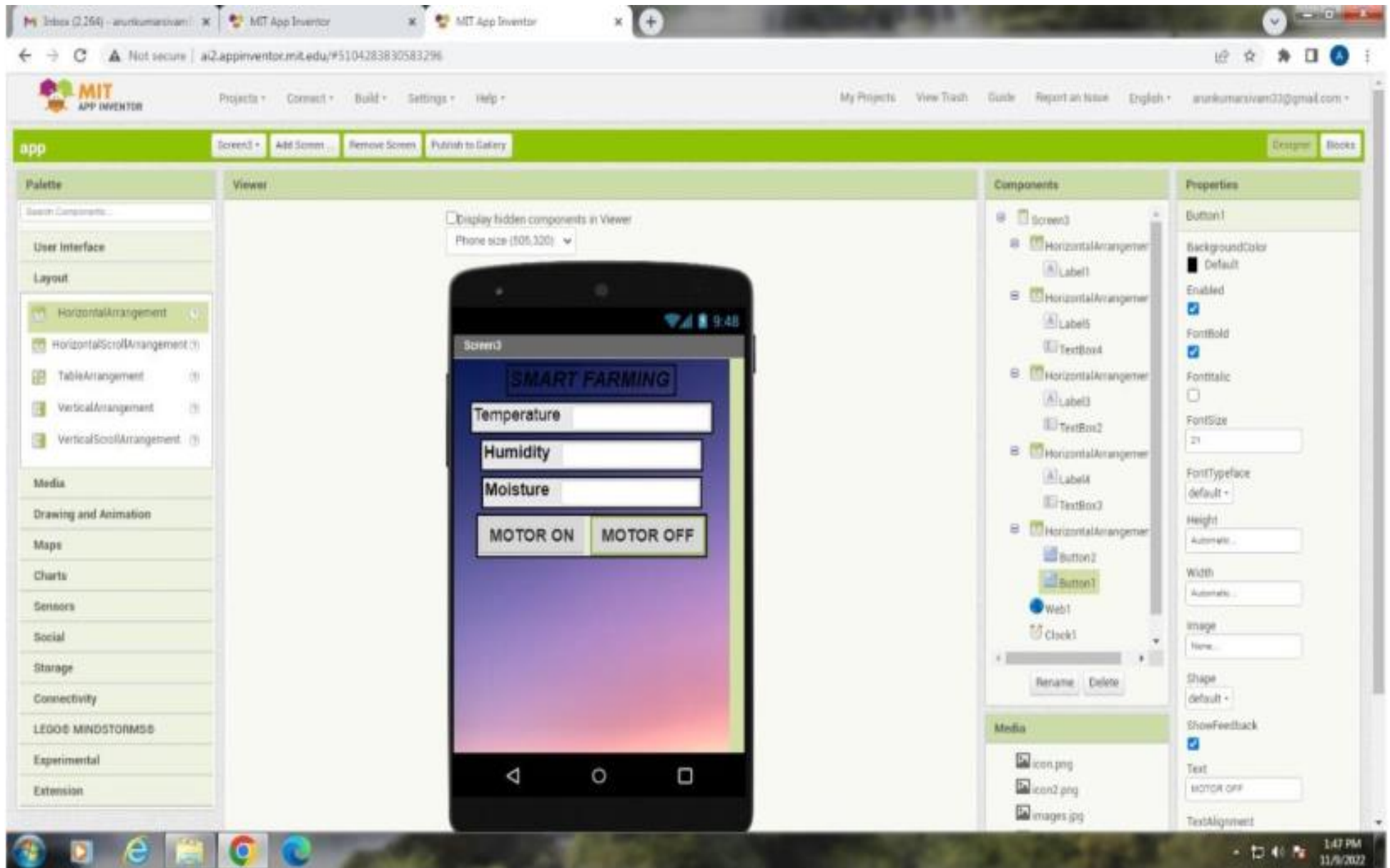
We created nearly 10 accounts for testing and login purposes. During testing we found that our app is working correctly.



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





Roadmap

 Give feedback

 Share

 Export



N

A










R

D



Status category ▾



	OCT						NOV						NOV						NOV					
	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sprints	SFDP Sprint 1																							
Releases																								
>  SFDP-1 This Epic is to accomplish user s...																								
>  SFDP-2 This Epic is to accomplish user s...																								
>  SFDP-3 This Epic is to create a dashboar...																								
>  SFDP-4 This Epic is to accomplish the lo...																								
>  SFDP-5 This Epic is to accomplish to sol...																								
>  SFDP-6 This Epic is to accomplish to sol...																								
>  SFDP-7 This Epic is to accomplish to sol...																								
>  SFDP-8 This Epic is to accomplish the c...																								
>  SFDP-9 This Epic is to accomplish to ap...																								
+ Create Epic																								



Your work ▾

Projects ▾

Filters ▾

Dashboards ▾

People ▾

Apps ▾



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 Representation 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

+ Create issue



5 issues Estimate 15

▼ **SFDP Sprint 3** 5 issues

Add dates



[View linked pages](#)




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

+ Create issue



5 issues Estimate 15









▼ **SFDP Sprint 4** 4 issues

 Add dates



[View linked pages](#)



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

+ Create issue



4 issues Estimate **15**

Backlog 0 issues

Create sprint



Your backlog is empty.

+ Create issue



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Apps ▾



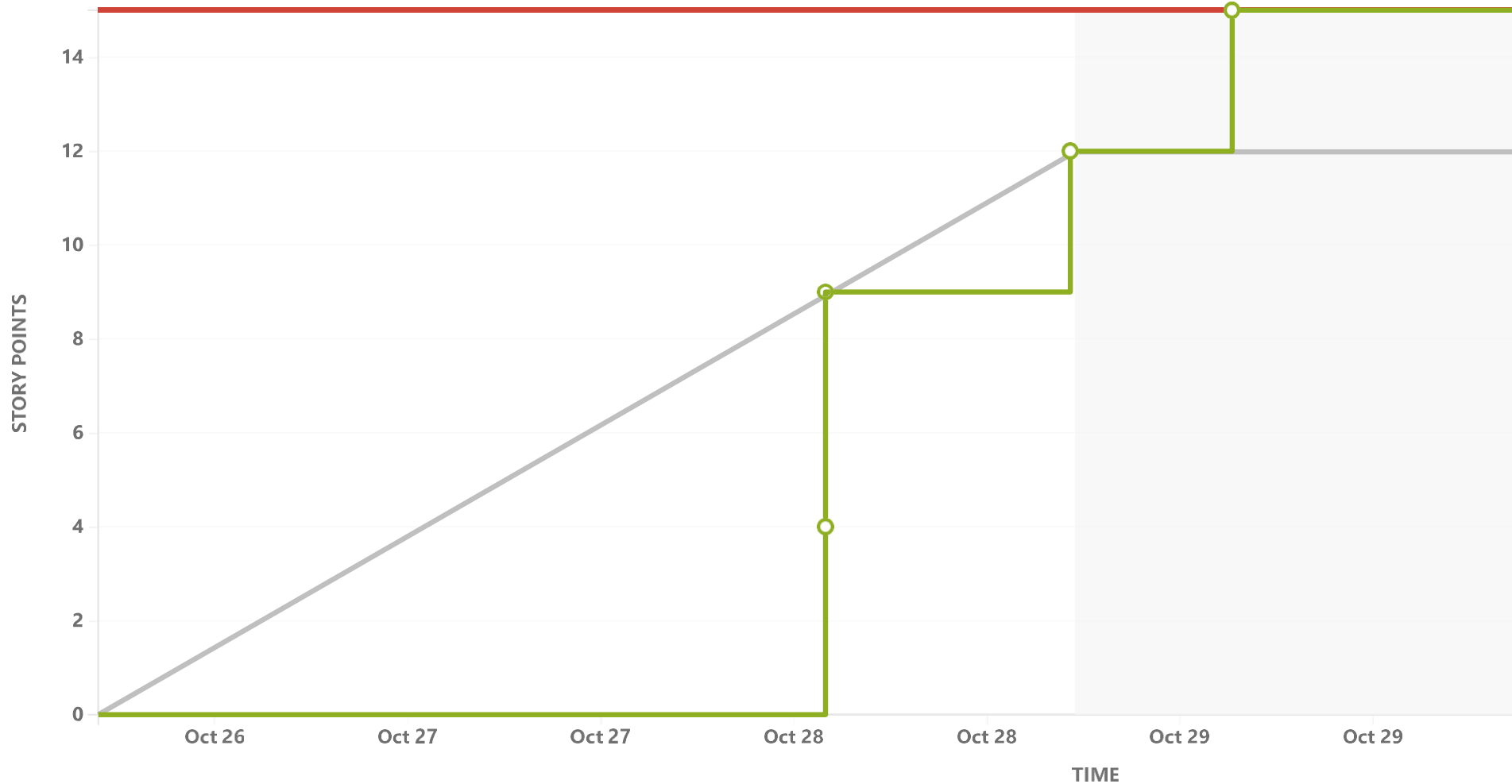
> Projects / Smart Farmer Development Phase / SFDP board / Reports

Burnup Chart



SFDP Sprint 1 Story Points ▾

Work scope Scope projection
Completed Work
Guideline



[Your work](#) ▾[Projects](#) ▾[Filters](#) ▾[Dashboards](#) ▾[People](#) ▾[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



Your work ▾

Projects ▾

Filters ▾

Dashboards ▾

People ▾

Apps ▾

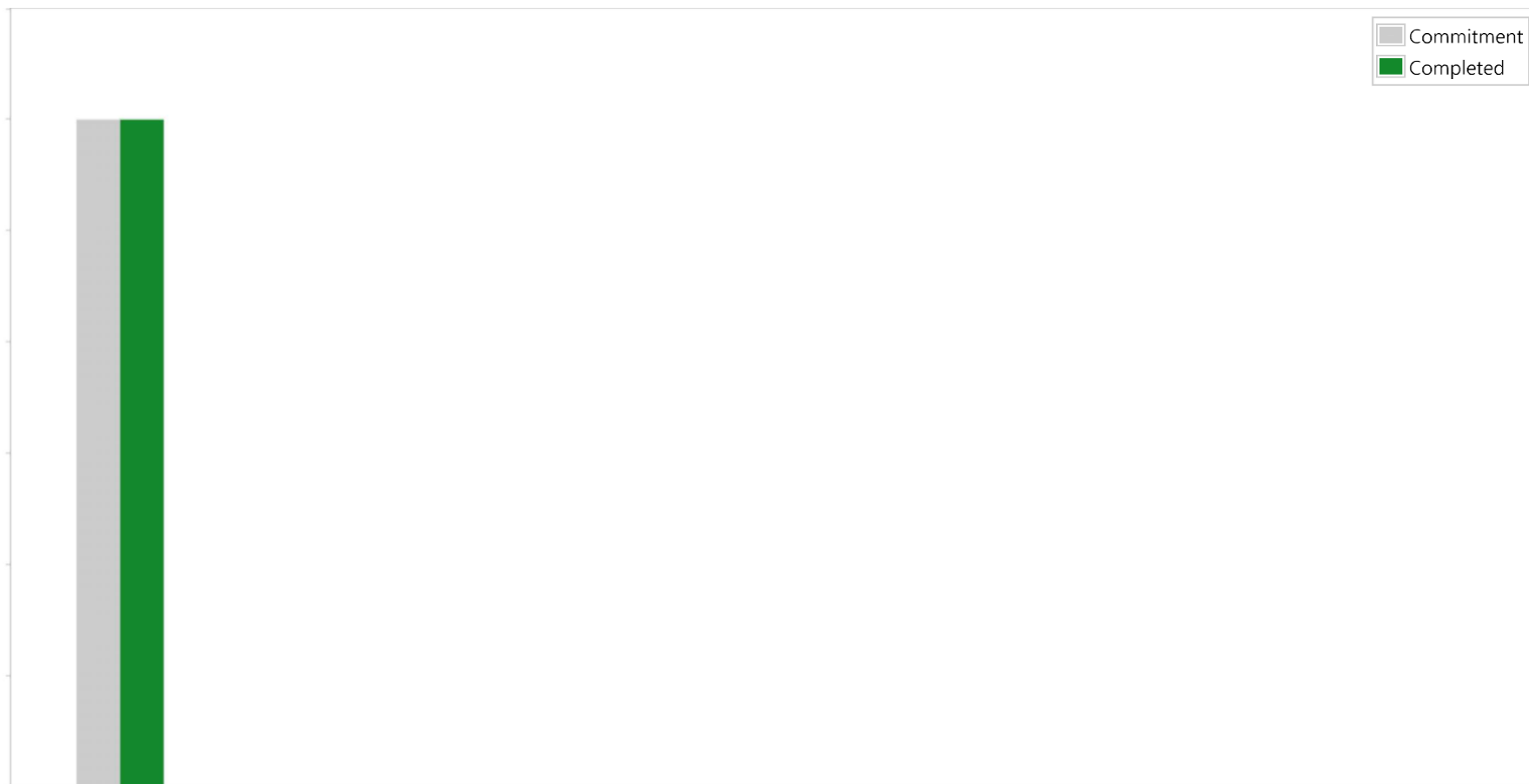


Projects / Smart Farmer Development Phase / SFDP board / Reports

Velocity Chart



STORY POINTS



Sprint

Commitment

Completed

SFDP Sprint 1

15

15



Projects / Smart Farmer Development Phase / SFDP board / Reports

Epic Burndown

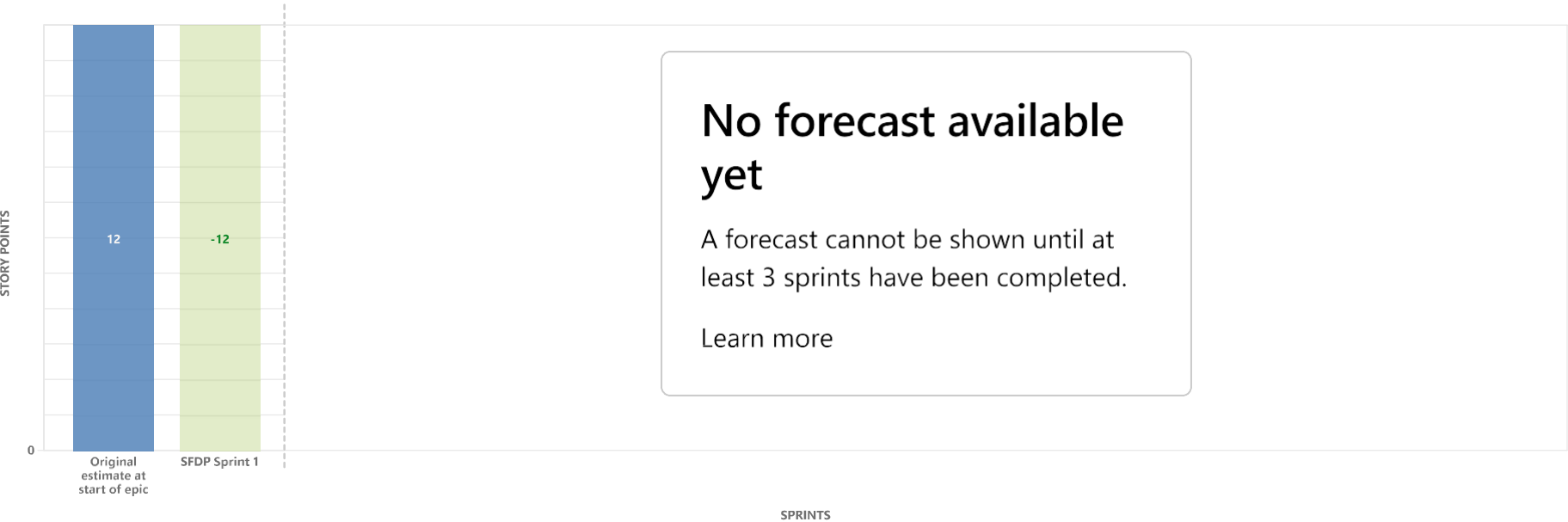


SFDP-1: Registration

[View linked pages](#)

0% unestimated issues 12 of 12 completed (story points)

- Work completed
- Work remaining
- Work forecast
- Work added





Your work ▾

Projects ▾

Filters ▾

Dashboards ▾

People ▾

Apps ▾



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

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



Your work ▾

Projects ▾

Filters ▾

Dashboards ▾

People ▾

Apps ▾



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)



Work completed



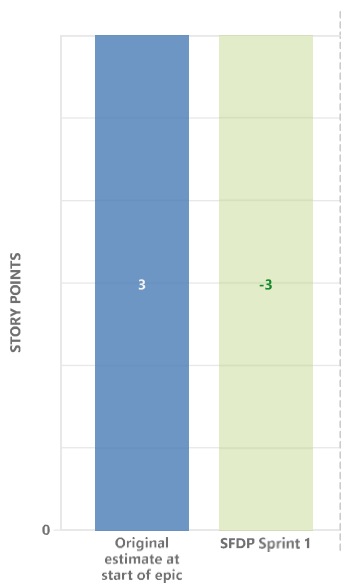
Work remaining



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-2 This Epic is to accomplish user should able to login in our app

Completed Issues

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

[View in](#) [Issue Navigator](#)

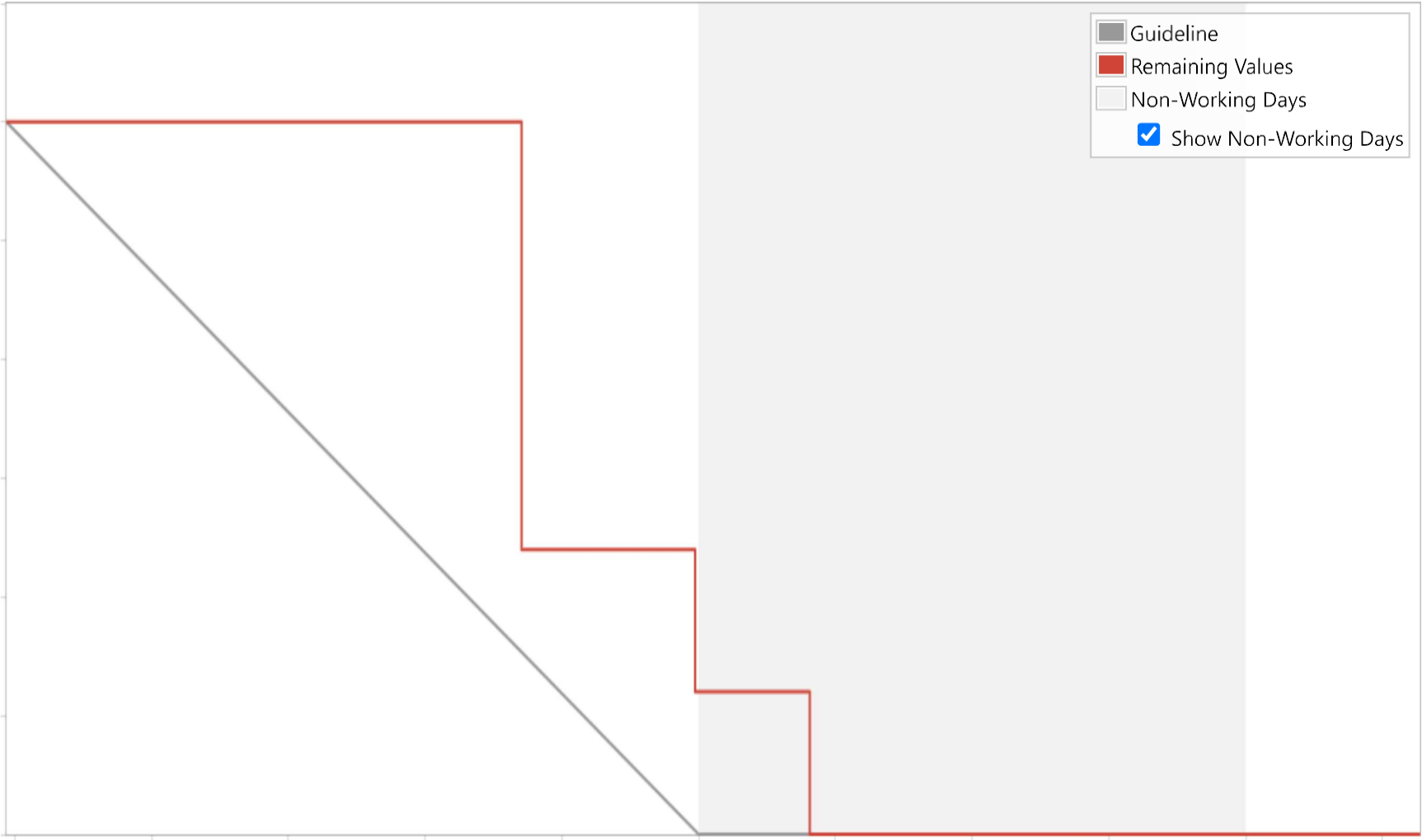
Key	Summary	Issue Type	Priority	Status	Story Points (3)
SFDP-13	User can log into application by entering the email and password	<div></div> Story	<div></div> Medium	<div>DONE</div>	3

[Projects](#) /
 [Smart Farmer Development Phase](#) /
 [SFDP board](#) /
 Reports

Burndown Chart

SFDP Sprint 1
 [Story Points](#)

STORY POINTS





Your work ▾

Projects ▾

Filters ▾

Dashboards ▾

People ▾

Apps ▾



N

Story Points

Date	Issue	Event Type	Event Detail	<u>Inc.</u>	<u>Dec.</u>	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 ▾

Filters ▾

Dashboards ▾

People ▾

Apps ▾



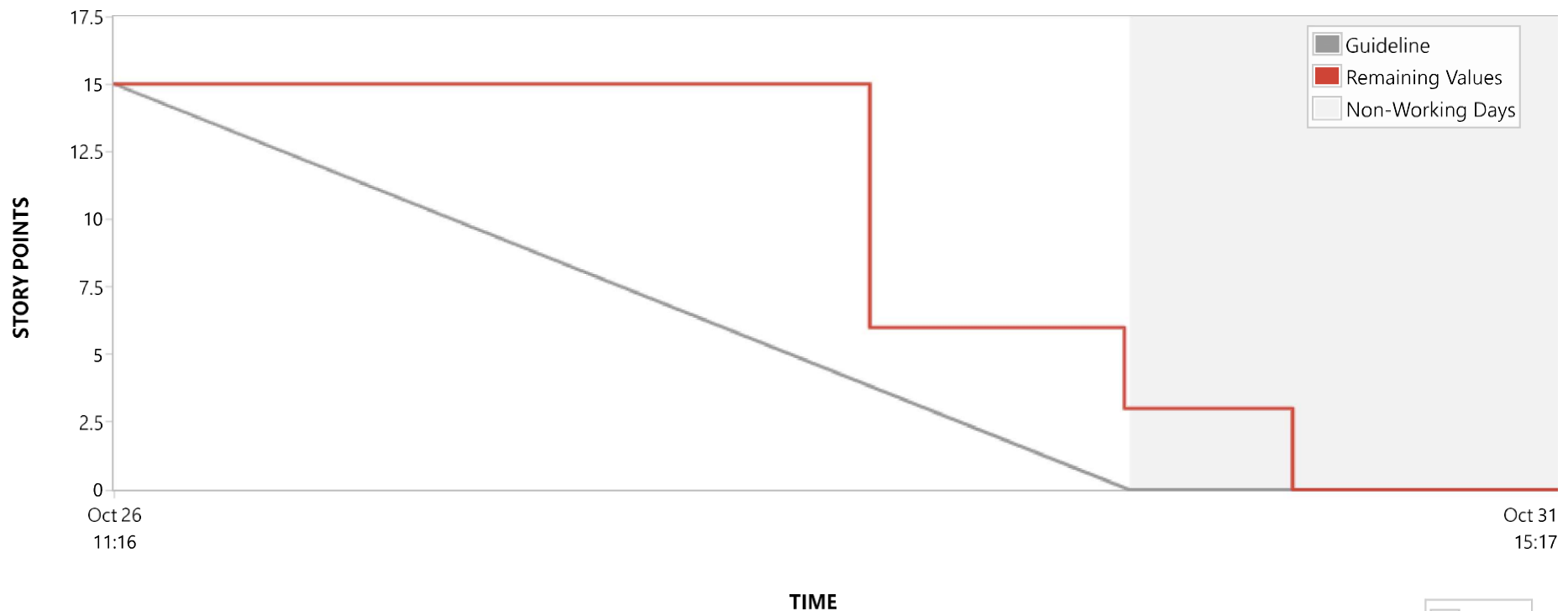
Projects / Smart Farmer Development Phase / SFDP board / Reports

Sprint Report



SFDP Sprint 1

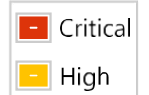
Closed sprint, ended by shanmugam 26/Oct/22 11:16 AM - 31/Oct/22 3:17 PM [View linked pages](#)



Opsgenie alerts



Give feedback











ALERT



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

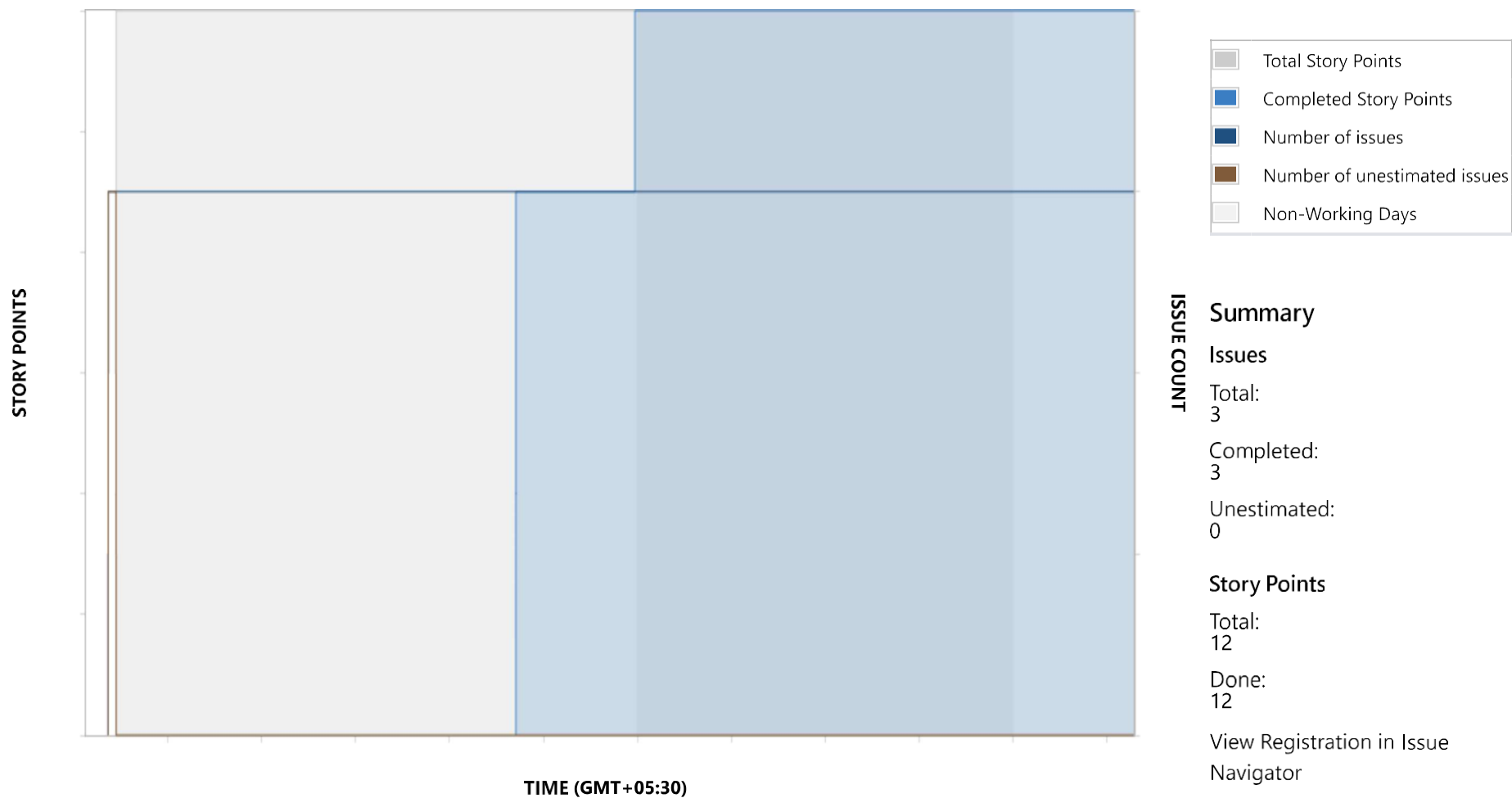
Status Report

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	<div>DONE</div> 4
SFDP-11	Developing Logic for Sign in and Sign Up and Database Integration	 Story	 Highest	<div>DONE</div> 5
SFDP-12	Testing the created sign in and sign up page in our app and ensure the working of the app	 Story	 High	<div>DONE</div> 3
SFDP-13	User can log into application by entering the email and password	 Story	 Medium	<div>DONE</div> 3







Registration

View linked pages



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

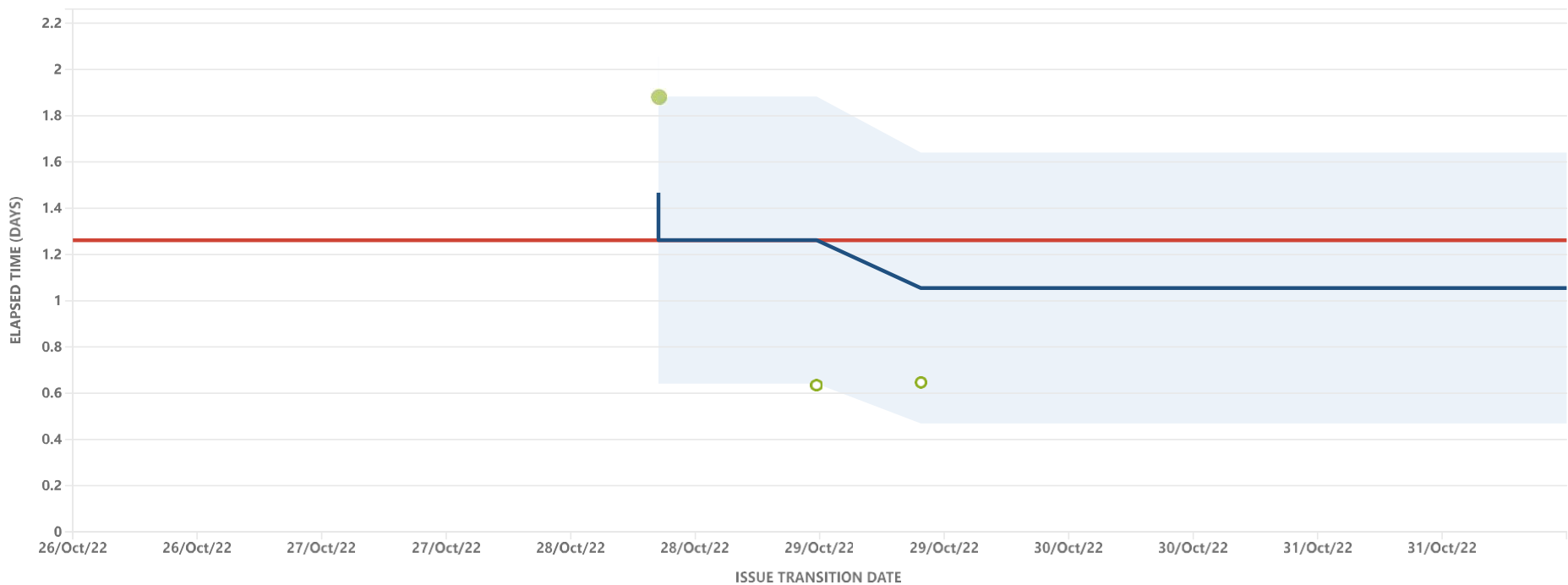
Control Chart



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



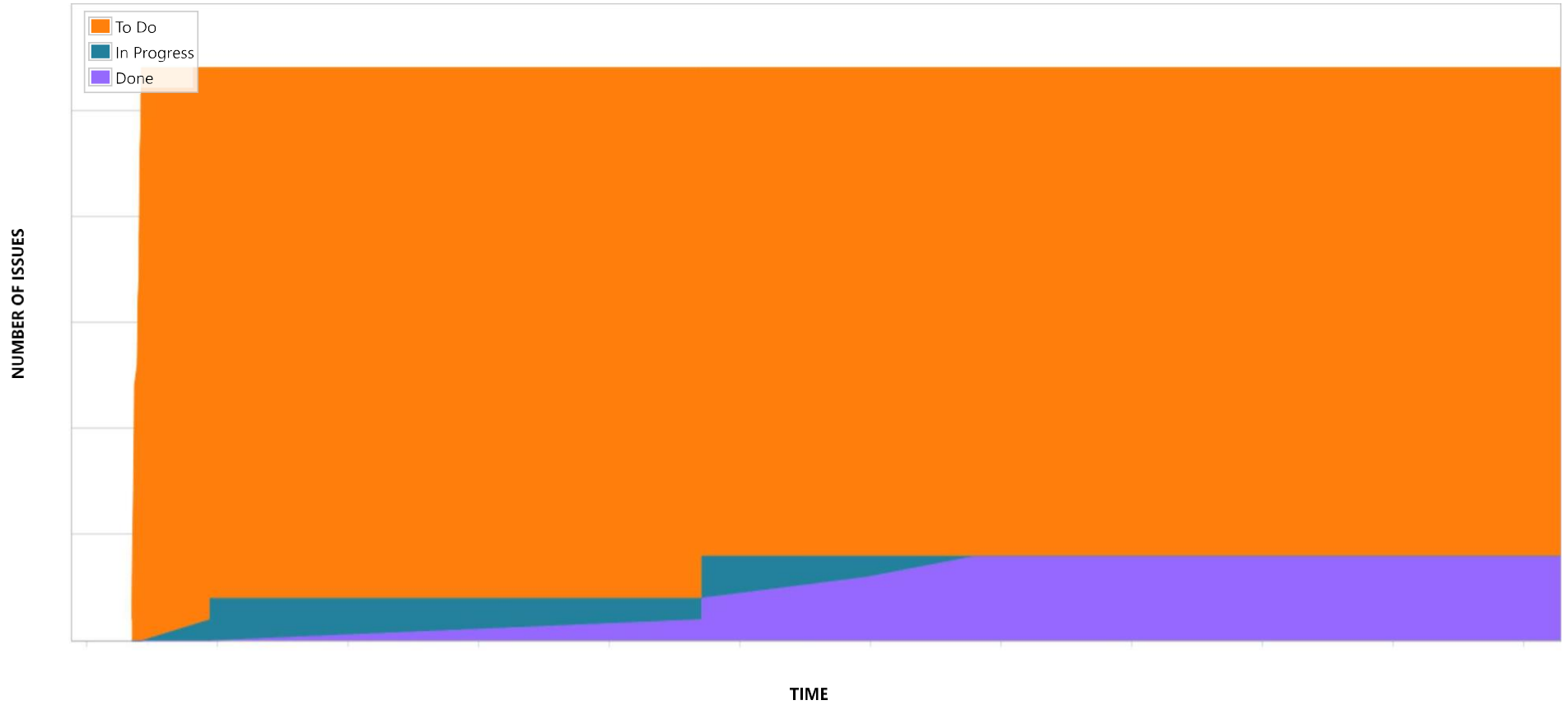


Projects / Smart Farmer Development Phase / SFDP board / Reports

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).

