IBM

SPRINT 4 REPORT

SMARTFARMER – IOT ENABLED
SMART FARMING APPLICATION

TEAM ID – PNT2022TMID38289

- **TEAM LEADER : NIRMAL KUMAR A**
- **TEAM MEMBER : ARUN KUMAR G**
- **TEAM MEMBER : RAJI R**
- **TEAM MEMBER : DHYANESHWARI 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	15	07 Nov 2022
Sprint-3	15	6 Days	07 Nov 2022	12 Nov 2022	15	13 Nov 2022
Sprint-4	15	6 Days	13 Nov 2022	18 Nov 2022	15	18 Nov 2022 – 19 Nov 2022

S.NO	Tools & Technology Used
1	Qase – Test Management Tool
2	Apptim – Performance testing tool

QASE

Test runs

Start new test run | Search for test runs | + Add filter

Title	Environment	Time	Status	
✓ **React Native Homepage** Started 4 minutes ago by Shanmugam		00:03:11	5	•••
✓ **MIT Home Page** Started 2 hours ago by Shanmugam		00:02:35	2	•••
✓ **MIT Authorization** Started 2 hours ago by Shanmugam		00:04:08	5	•••
✓ **React Native Homepage** Started 2 hours ago by Sreedhar M		00:03:30	5	•••
✓ **React Dashboard** Started 2 hours ago by Shanmugam		00:01:40	4	•••
✓ **React Native Homepage** Started 3 hours ago by Shanmugam		00:05:09	4 1	•••
✓ **React Native Authorization**		00:06:33	5	•••

SmartFarmer

TESTS
- Repository
- Shared Steps
- Review

EXECUTION
- Test Plans
- Test Runs
- Configurations
- Environments

ISSUES
- Defects
- Requirements
- Milestones

- Settings
- Collapse submenu

SmartFarmer

TESTS ⌃
- ⊞ Repository
- ⤜ Shared Steps
- ↥ Review

EXECUTION ⌃
- ▦ Test Plans
- ▷ Test Runs
- 🔧 Configurations
- 🗇 Environments

ISSUES ⌃
- 🗏 Defects
- ▤ Requirements
- △ Milestones

- ⚙ Settings
- ‹ Collapse submenu

← **React Native Homepage**   ▶ Run again   ↱ Share report   ⬆ Export   ⋯

Test cases   Team stats

Search...	+ Add filter

Home Page (React Native Based) ⌄ ▬▬▬▬▬▬▬▬

	Results	Title	Assignee	Time spent	
☐	Passed	UI elements	⬛ Shanmugam	00:00:37	⋯
☐	Passed	Button & Navigation	⬛ Shanmugam	00:01:48	⋯
☐	Passed	Sign out	⬛ Shanmugam	00:00:10	⋯
☐	Passed	Manual Guide verify	⬛ Shanmugam	00:00:30	⋯
☐	Passed	Query form verify	⬛ Shanmugam	00:00:05	⋯

Test Run Details

Completion rate
Completed 100%

Started by
⬛ **Shanmugam**

Start time
2022-11-19 10:28:59

Estimated
00:04:20

APPTIM:

SmartFarmer v1.0.1

SUMMARY

ENVIRONMENT

CORRECTNESS

ERRORS   1

LOGS

apptim v0.9.2

1	5.7	64.2 MB	230.6 MB	9.0 %	0.0 ms
Errors/Exceptions	Avg. FPS	App Size	Max Memory Usage	Max. CPU	Top Startup Time

Video

6s110ms

apptim

HOME

Summary   ● Pass   ● Moderate   ● Warning   ● Skipped

!	Avg. FPS	5.7	(Warning limit exceeded: < 15)
⚠	App Size	64.2 MB	(Moderate limit exceeded: > 50 MB)
⚠	Max Memory Usage	230.6 MB	(Moderate limit exceeded: > 128 MB)

Velocity Chart

STORY POINTS

Commitment
Completed
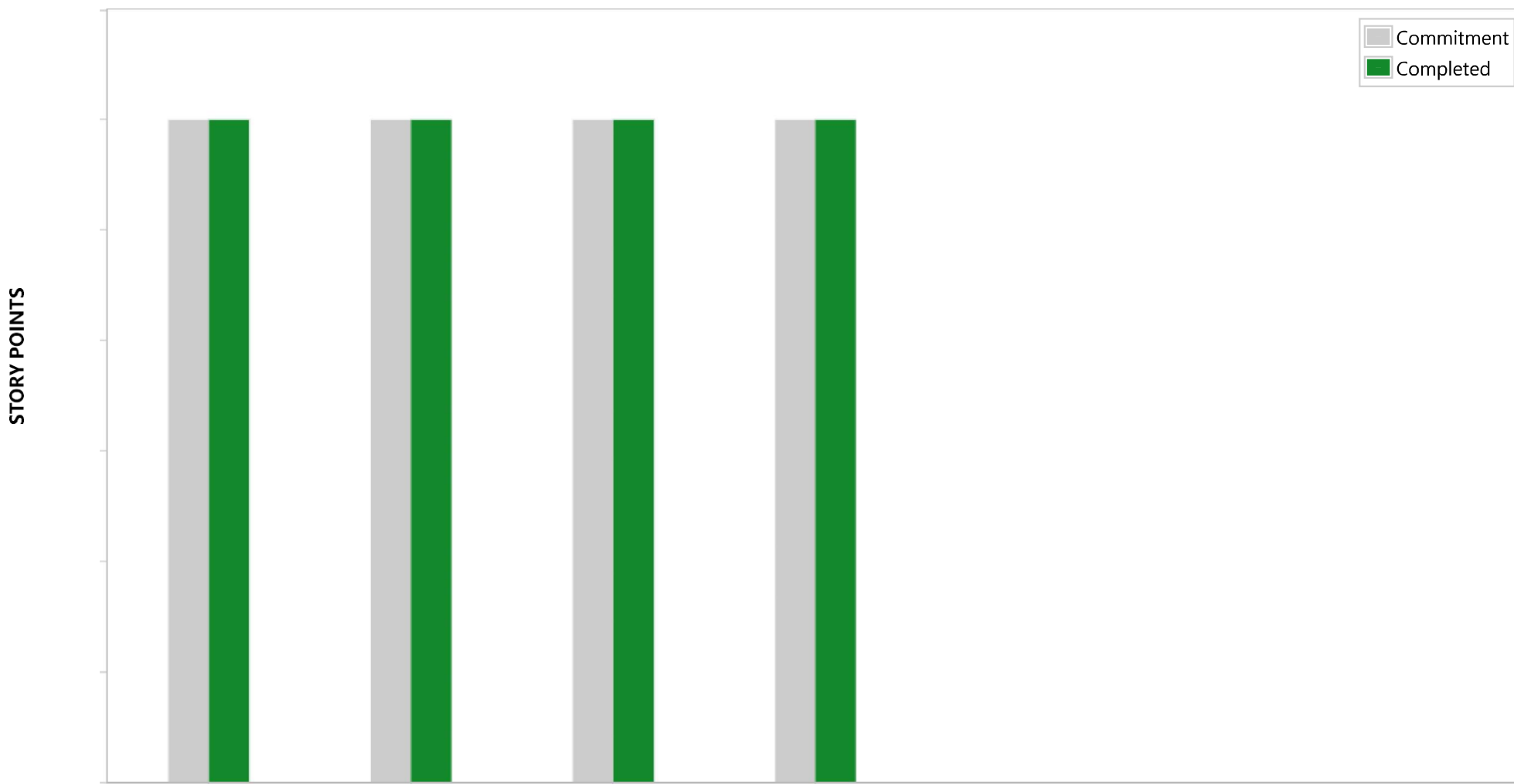
SFDP Sprint 1	15	15
SFDP Sprint 2	15	15
SFDP Sprint 3	15	15
SFDP Sprint 4	15	15

Burndown Chart

SFDP Sprint 4   Story Points ∨

Legend:
- Guideline
- Remaining Values
- Non-Working Days
- ☑ Show Non-Working Days

STORY POINTS

TIME
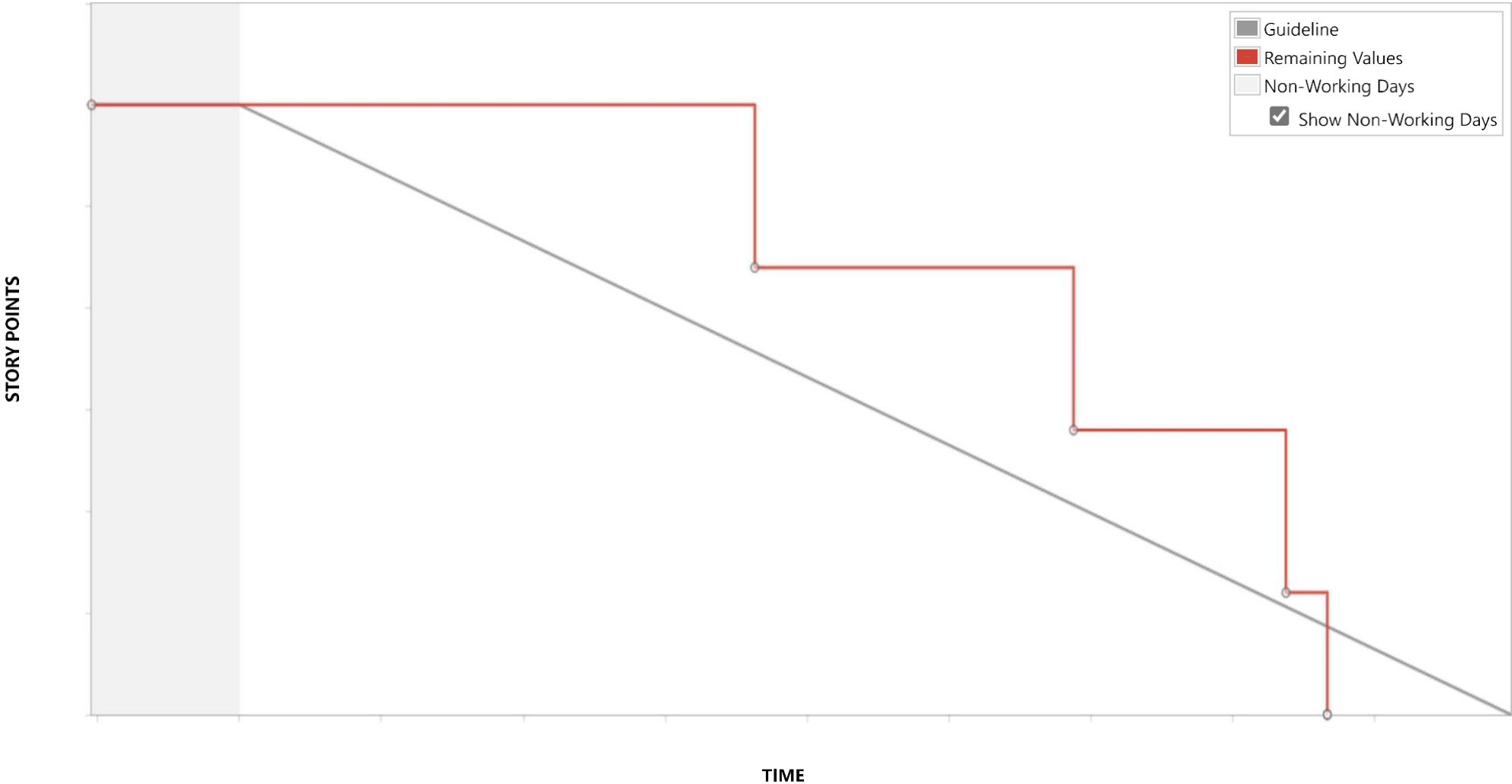
Date	Issue	Event Type	Event Detail	Inc.	Dec.	Remaining
13/Nov/22 11:30 AM	SFDP-22 SFDP-27 SFDP-28 SFDP-30	Sprint start		3 4 4 4		
						15
15/Nov/22 7:34 PM	SFDP-30	Burndown	Issue completed		4	11
16/Nov/22 10:31 PM	SFDP-27	Burndown	Issue completed		4	7
17/Nov/22 4:29 PM	SFDP-28	Burndown	Issue completed		4	3
17/Nov/22 7:59 PM	SFDP-22	Burndown	Issue completed		3	0
	SFDP-22 SFDP-27 SFDP-28 SFDP-30	Sprint ended by shanmugam				0 0 0 0 0

Burnup Chart

SFDP Sprint 4   Story Points ⌄

Legend:
- Work scope
- Scope projection
- Completed Work
- Guideline

STORY POINTS (y-axis): 0, 2, 4, 6, 8, 10, 12, 14

TIME (x-axis): Nov 13, Nov 14, Nov 14, Nov 15, Nov 15, Nov 16, Nov 16, Nov 17, Nov 17
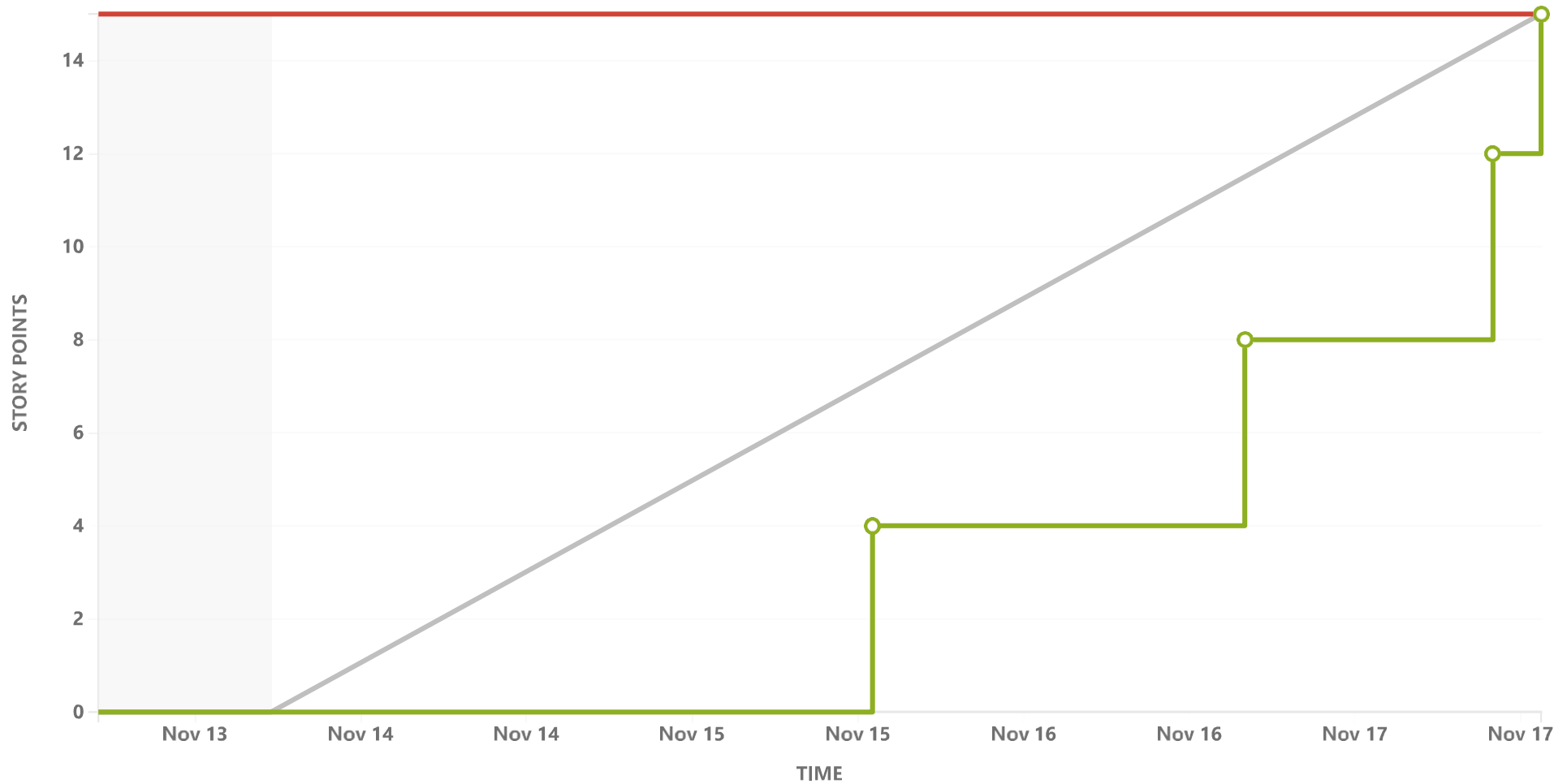
| Date	Event Type	Issue	Completed Work	Work scope
13/Nov/22 11:30 AM	Sprint started	SFDP-22 Testing the application in multiple android platform and ensures the working SFDP-27 Only Authorised person access SFDP-28 Testing the hardware setup and ensure the working SFDP-30 Agricultural Notes	0	15
15/Nov/22 7:34 PM	Issue completed	SFDP-30 Agricultural Notes	0 → 4	15
16/Nov/22 10:31 PM	Issue completed	SFDP-27 Only Authorised person access	4 → 8	15
17/Nov/22 4:29 PM	Issue completed	SFDP-28 Testing the hardware setup and ensure the working	8 → 12	15
17/Nov/22 7:59 PM	Issue completed	SFDP-22 Testing the application in multiple android platform and ensures the working	12 → 15	15
17/Nov/22 7:59 PM	Sprint finished	SFDP-22 Testing the application in multiple android platform and ensures the working SFDP-27 Only Authorised person access SFDP-28 Testing the hardware setup and ensure the working SFDP-30 Agricultural Notes	15	15

Sprint Report

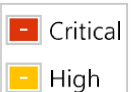## SFDP Sprint 4

Closed sprint, ended by shanmugam   13/Nov/22 11:30 AM - 17/Nov/22 7:59 PM   View linked pages
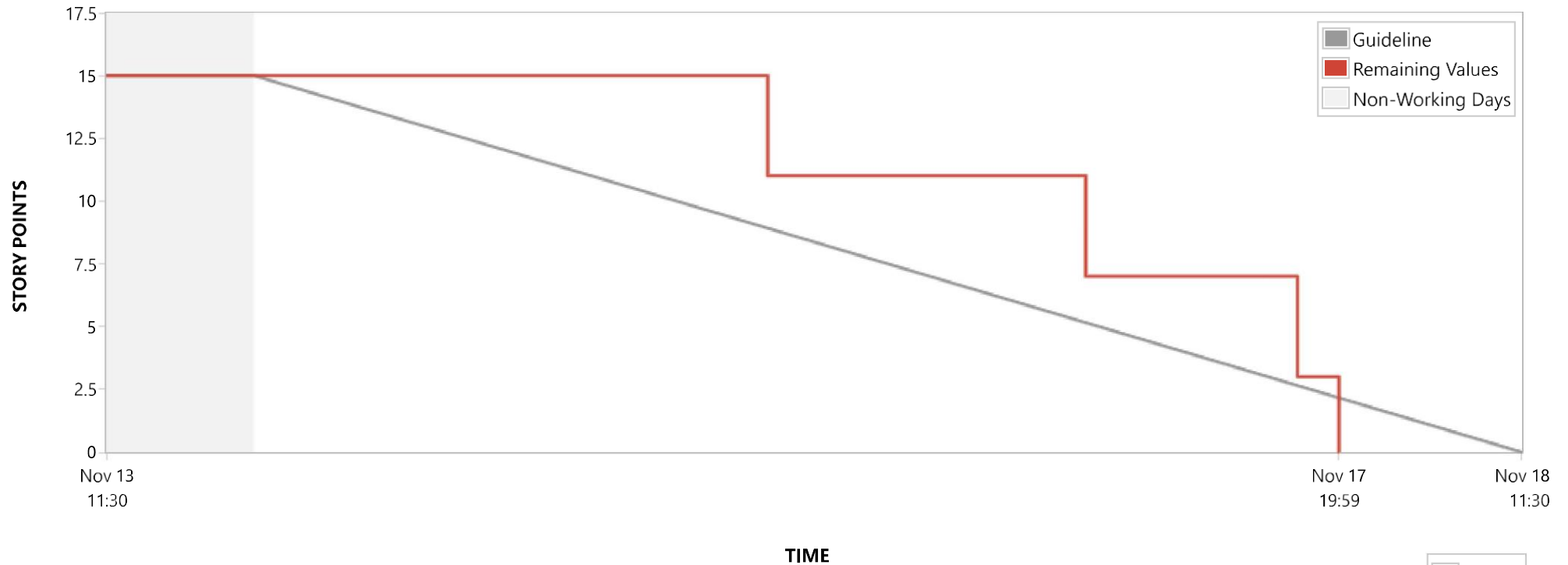
Opsgenie alerts   📢 Give feedback

Critical
High

⚠ Connect an Opsgenie team in project settings to start syncing alert data. **Go to project settings**

Status Report

Completed Issues

Key	Summary	Issue Type	Priority	Status	Story Points (15)
SFDP-22	Testing the application in multiple android platform and ensures the working	⊙ Story	⌃ High	DONE	3
SFDP-27	Only Authorised person access	⊙ Story	⌃ High	DONE	4
SFDP-28	Testing the hardware setup and ensure the working	⊙ Story	= Medium	DONE	4
SFDP-30	Agricultural Notes	⊙ Story	= Medium	DONE	4