IBM

SPRINT 4 REPORT

SMARTFARMER – IoT ENABLED
SMART FARMING APPLICATION

TEAM ID – PNT2022TMID28579

- **TEAM LEADER : SHANMUGAM B**
- **TEAM MEMBER : SHREEDHAREN M**
- **TEAM MEMBER : SELVARAJ S**
- **TEAM MEMBER : SREEDHAR M**

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

Projects   Workspace   Dashboards   Queries   Apps

SM SmartFarmer

TESTS ^
- Repository
- Shared Steps
- Review

EXECUTION ^
- Test Plans
- Test Runs
- Configurations
- Environments

ISSUES ^
- Defects
- Requirements
- Milestones

- Settings
- Collapse submenu

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

← **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
PU **Shanmugam**

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

Estimated
00:04:20

APPTIM:

START FREE TRIAL   My Workspace   Help

Users   + ADD USER

SmartFarmer v1.0.1

SUMMARY

ENVIRONMENT

CORRECTNESS

ERRORS   1

LOGS

apptim v0.9.2

1
Errors/Exceptions

5.7
Avg. FPS

64.2 MB
App Size

230.6 MB
Max Memory Usage

9.0 %
Max. CPU

0.0 ms
Top Startup Time

Video

6s110ms   apptim

36

HOME
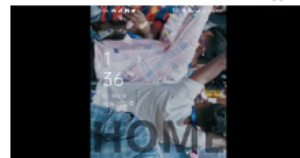
Summary   ● Pass ● Moderate ● Warning ● Skipped

⊗ 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
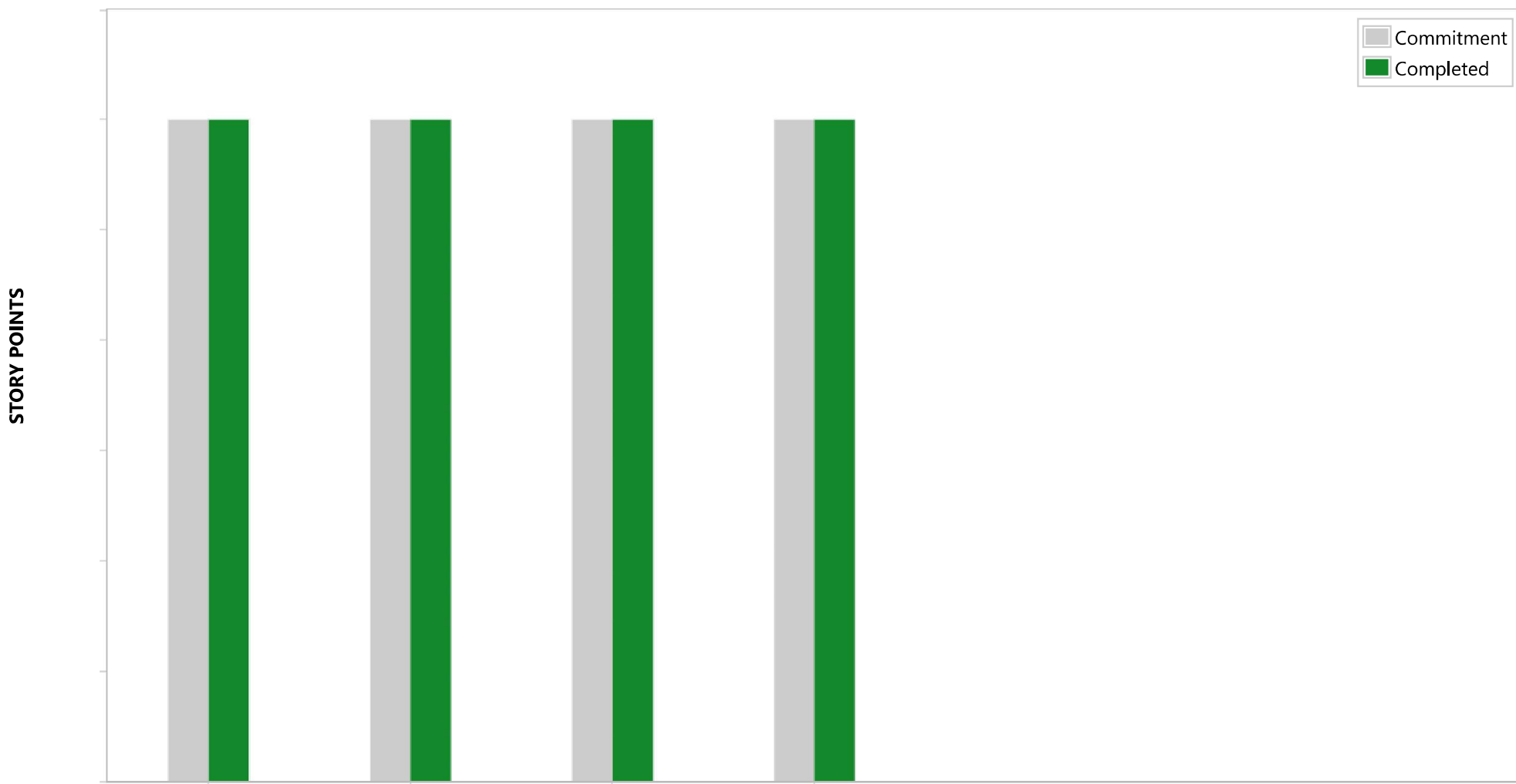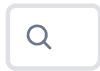
SFDP Sprint 1	15	15
SFDP Sprint 2	15	15
SFDP Sprint 3	15	15
SFDP Sprint 4	15	15

Burndown Chart

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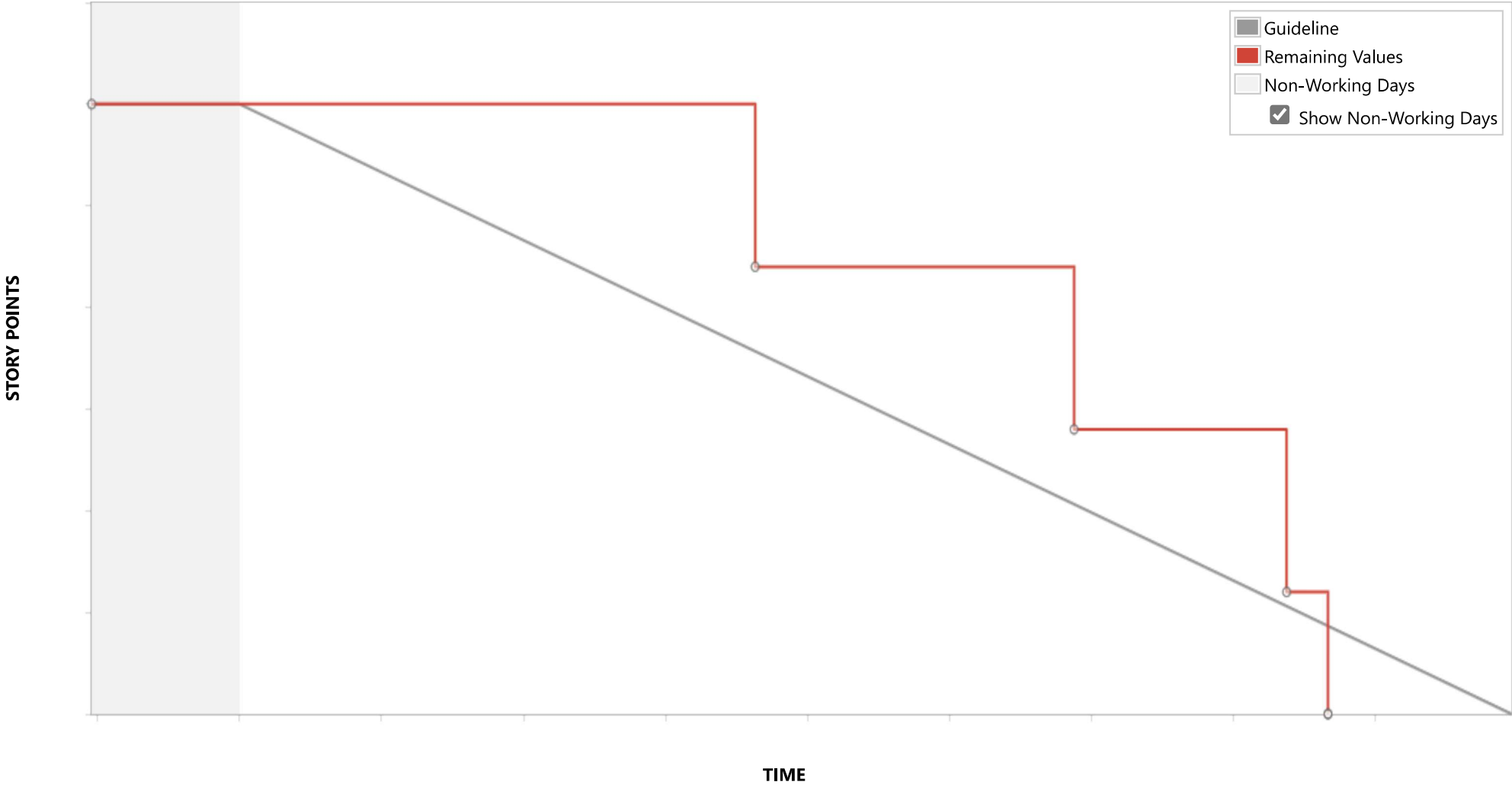
Date	Issue	Event Type	Event Detail	Inc.	Dec.	Remaining
13/Nov/22 11:30 AM	SFDP-22	Sprint start		3		
	SFDP-27			4		
	SFDP-28			4		
	SFDP-30			4		
						15
15/Nov/22 7:34 PM	SFDP-30	Burndown	Issue completed		4	11
16/Nov/22 10:31 PM	SFDP-27	Burndown	Issue completed		4	7
17/Nov/22 4:29 PM	SFDP-28	Burndown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

Burnup Chart

SFDP Sprint 4

Story Points ⌄

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

STORY POINTS

TIME

Axis labels: 0, 2, 4, 6, 8, 10, 12, 14

Time axis: Nov 13, Nov 14, Nov 14, Nov 15, Nov 15, Nov 16, Nov 16, Nov 17, Nov 17
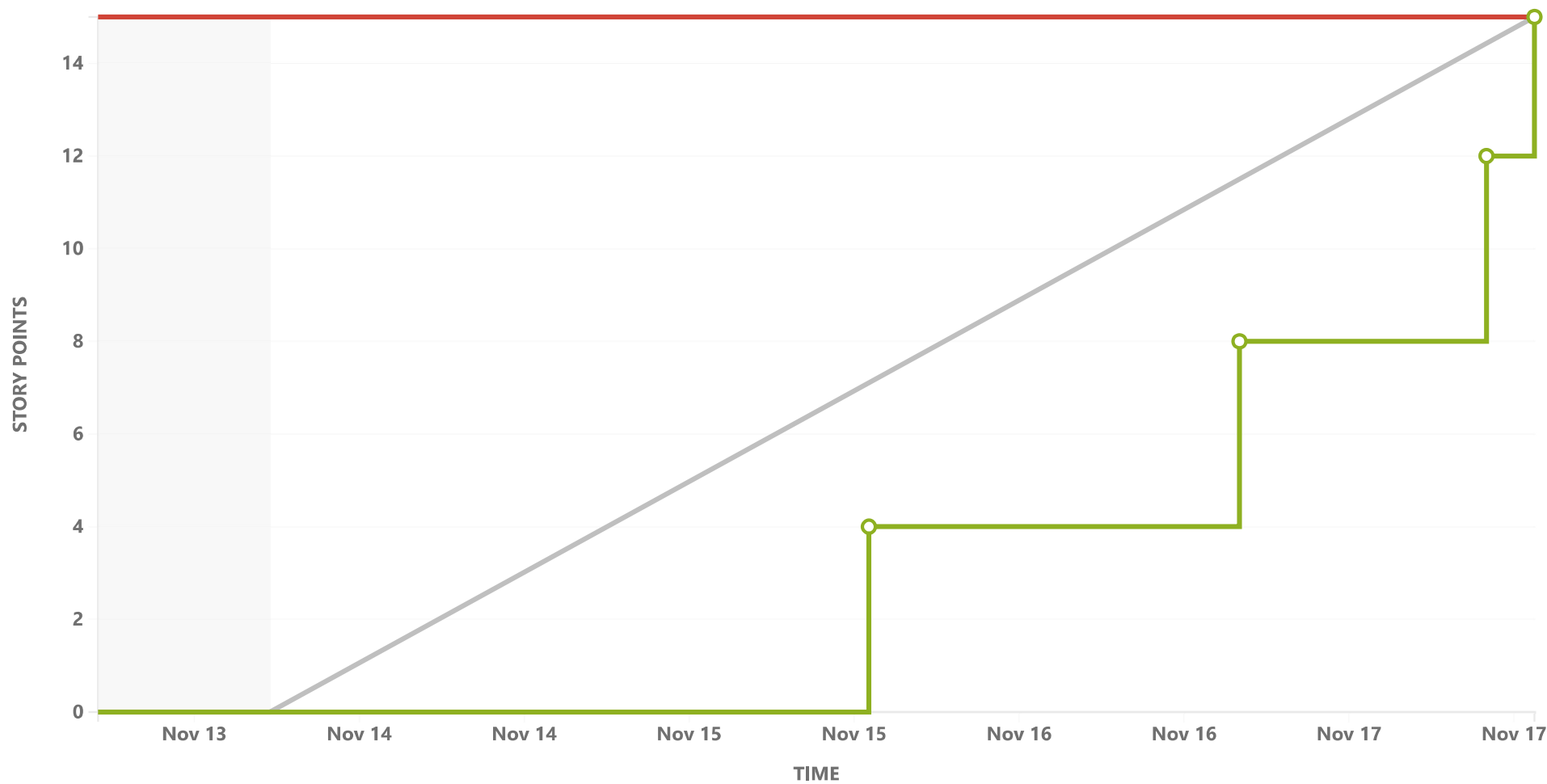
| Date	Event Type	Issue	Completed Work	Work scope
13/Nov/22 11:30 AM	Sprint started	SFDP-22 Testing the application in multiple android platform and ensures the working SFDP-27 Only Authorised person access SFDP-28 Testing the hardware setup and ensure the working SFDP-30 Agricultural Notes	0	15
15/Nov/22 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

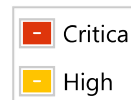## SFDP Sprint 4

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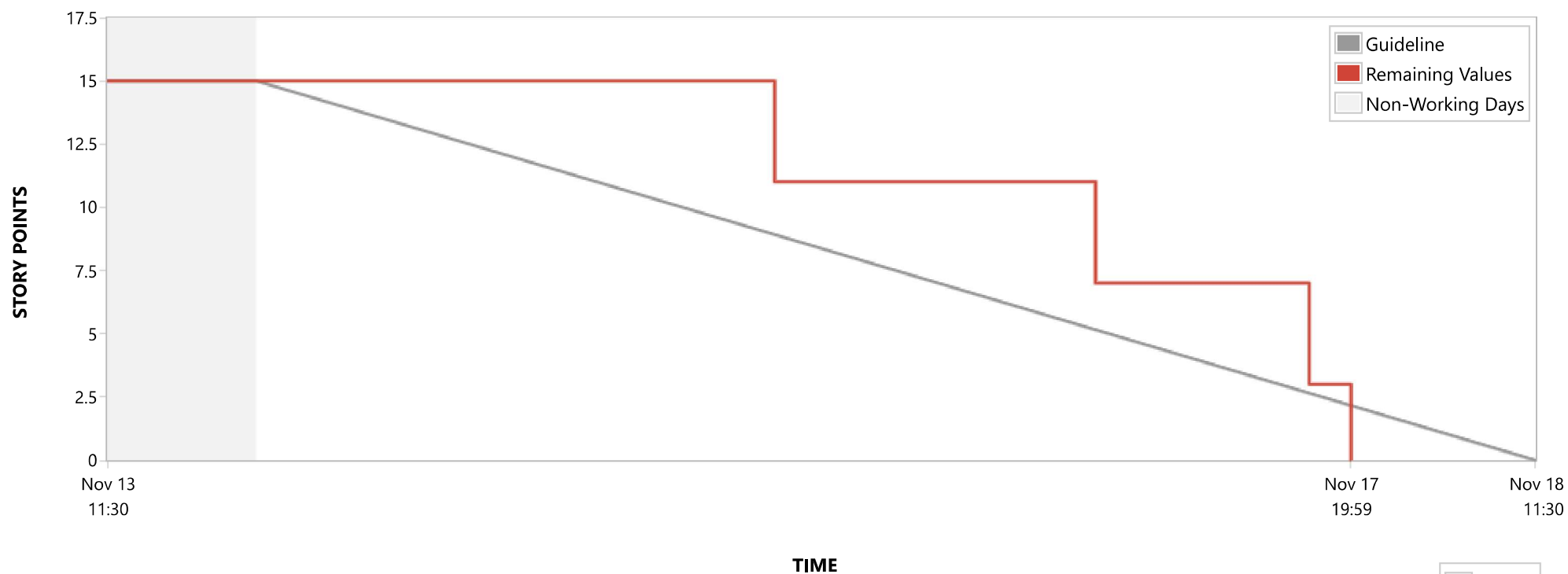
Opsgenie alerts   📢 Give feedback

| 🟥 | 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