Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID08563
Project Name	Project - Fertilizers Recommendation System For Disease Prediction
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Home Page	USN-1	As a user, I can view the home page which has a description of the plant disease as well as options to sign up or log in.	2	Low	Naveen Surendar Sreedharson
Sprint-4	Sign Up Page	USN-2	As a user, I can register for the application by entering my name, phone number, email, password, and confirming my password.	2	High	Naveen Surendar Sreedharson Vishnu bala
Sprint-4	Authorization	USN-3	As a user, I will receive confirmation email once I have registered for the application.	2	High	Naveen Surendar Sreedharson Vishnu bala
Sprint-4	Login	USN-4	As a user, I can log into the application by entering email & password.	2	High	Naveen Surendar Sreedharson Vishnu bala
Sprint-4	Dashboard	USN-5	As a user, I can upload images of the affected crop to the website in order to receive the plant disease.	2	High	Naveen Surendar Sreedharson Vishnu bala

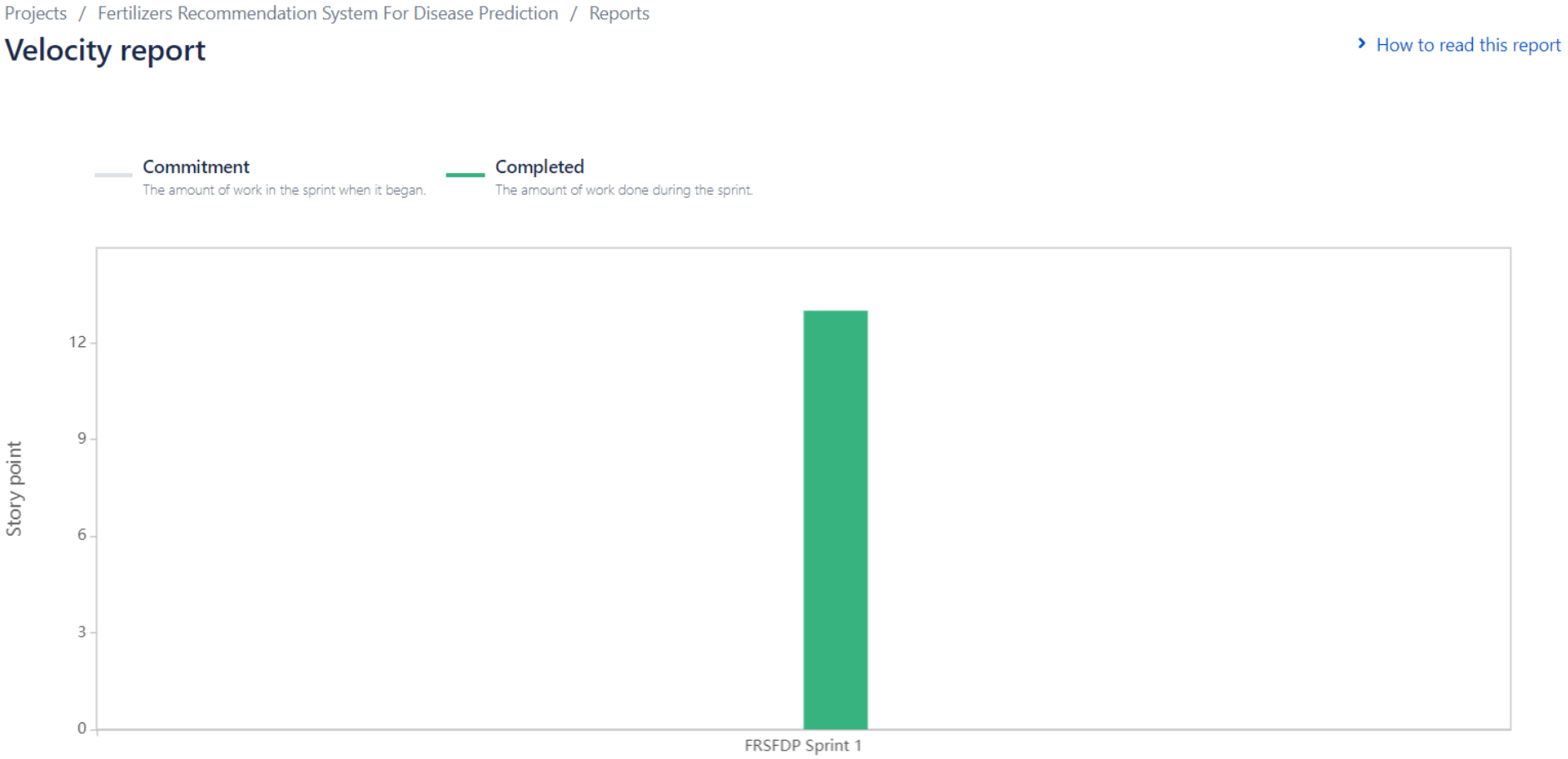
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Results	USN-6	As a user, I can receive a disease in addition to recommendations on what I should do now.	2	High	Naveen Surendar Sreedharson Vishnu bala
Sprint-1	Data Collection	USN-7	I need to collect data (images of crops and with disease stages).	5	High	Naveen Surendar Sreedharson Vishnu bala
Sprint-1	Data Pre-Processing	USN-8	I need to clean my data and prepare it for model building by doing pre-processing activities such as resizing etc.	8	High	Naveen Surendar Sreedharson Vishnu bala
Sprint-2	Model Building	USN-9	I need to build the model using Convolutional Neural Network (CNN).	13	High	Naveen Surendar Sreedharson Vishnu bala
Sprint-3	Model Deployment	USN-10	I need to deploy the Machine Learning model that was built.	13	Medium	Naveen Surendar Sreedharson Vishnu bala
Sprint-4	Application Building	USN-11	I need to build the website for the application using HTML, CSS etc.	8	High	Naveen Surendar Sreedharson Vishnu bala

Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	13	6 Days	24 Oct 2022	29 Oct 2022	13	31 Oct 2022
Sprint-2	13	6 Days	31 Oct 2022	05 Nov 2022	13	07 Nov 2022
Sprint-3	13	6 Days	07 Nov 2022	12 Nov 2022	13	14 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	13	19 Nov 2022

Velocity:

SPRINT 1:



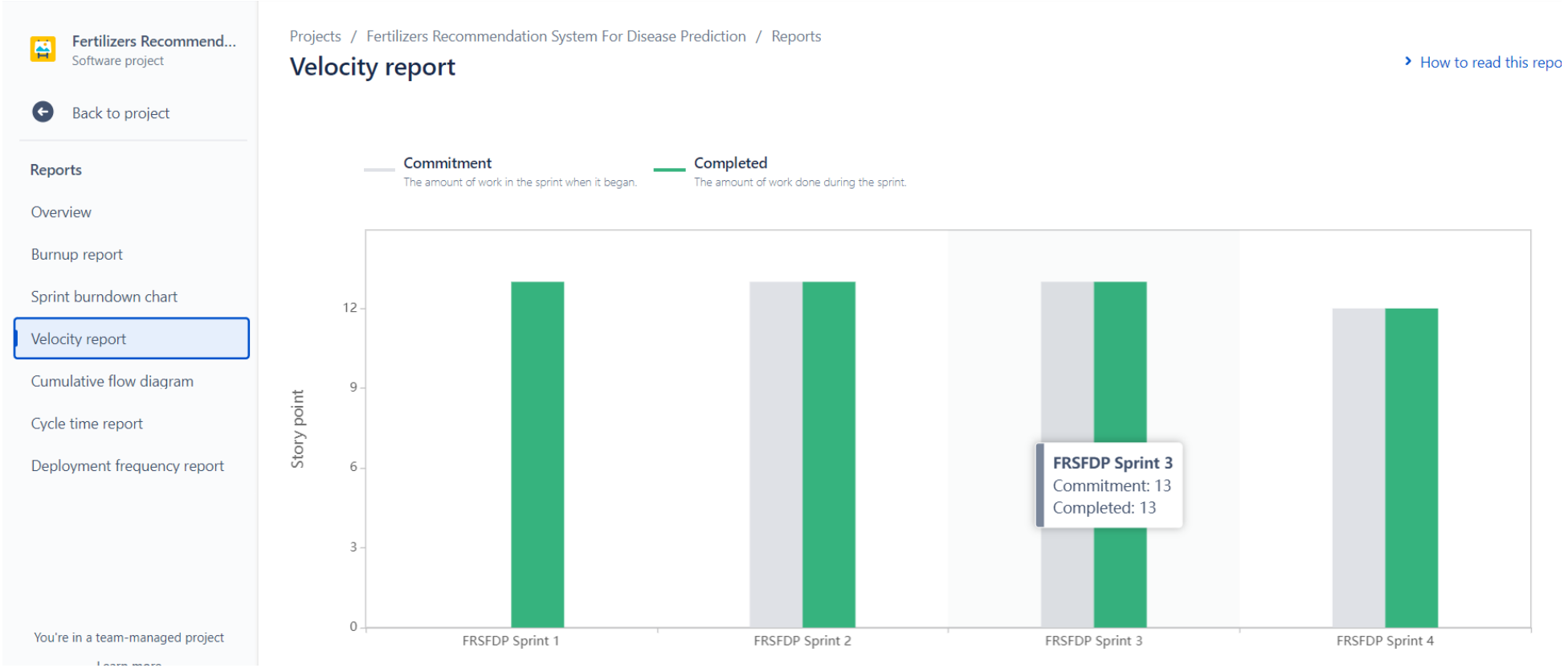
SPRINT 2:

Sprint	Commitment	Completed
FRSFDP Sprint 1	0	13
FRSFDP Sprint 2	13	13

SPRINT 3:

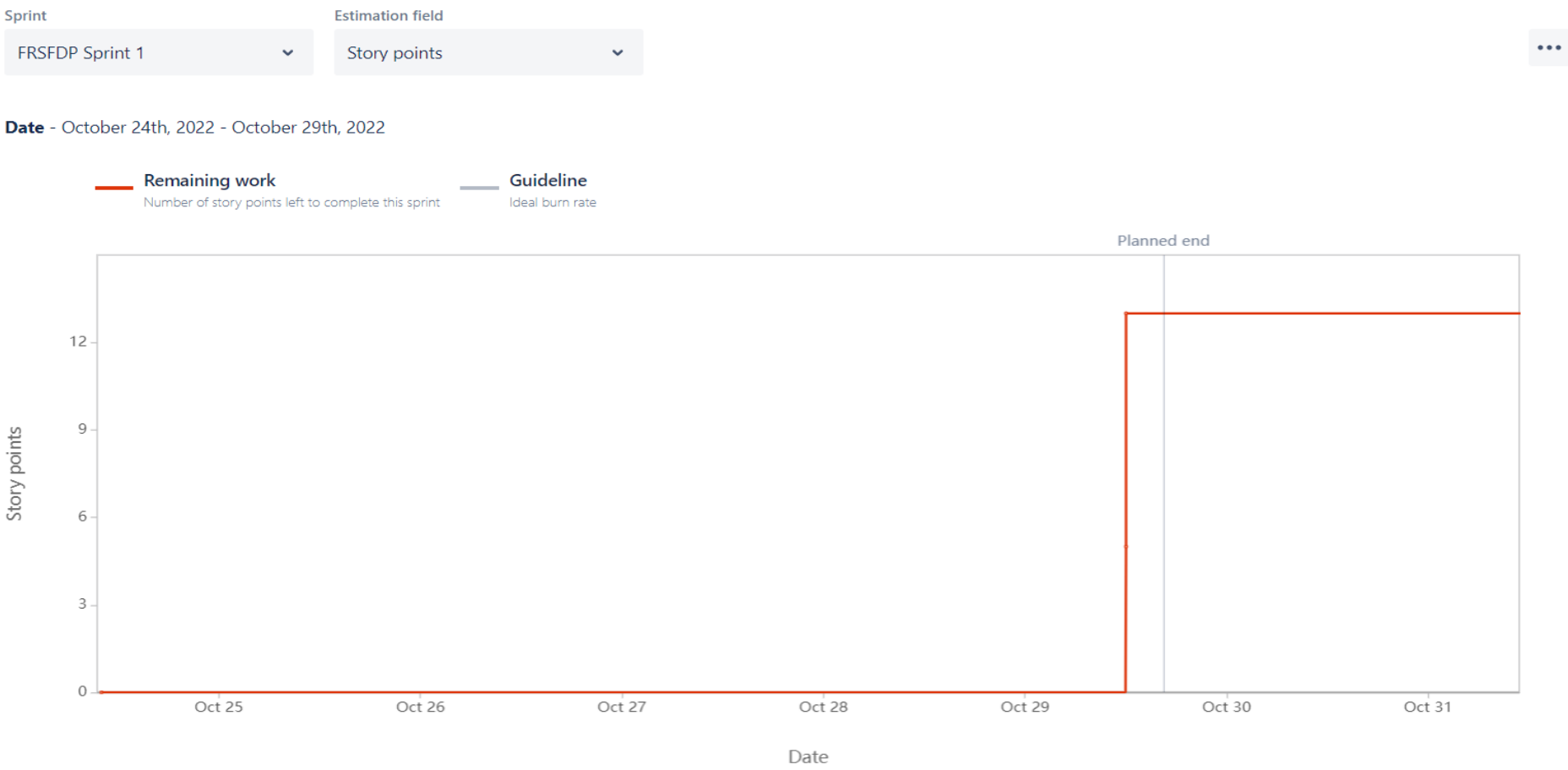
Projects / Fertilizers Recommendation System For Disease Prediction / Reports
Velocity report
How to read this report
Commitment
The amount of work in the sprint when it began.
Completed
The amount of work done during the sprint.
Story point
12
9
6
3
0
FRSFDP Sprint 1
FRSFDP Sprint 2
FRSFDP Sprint 3

SPRINT 4:

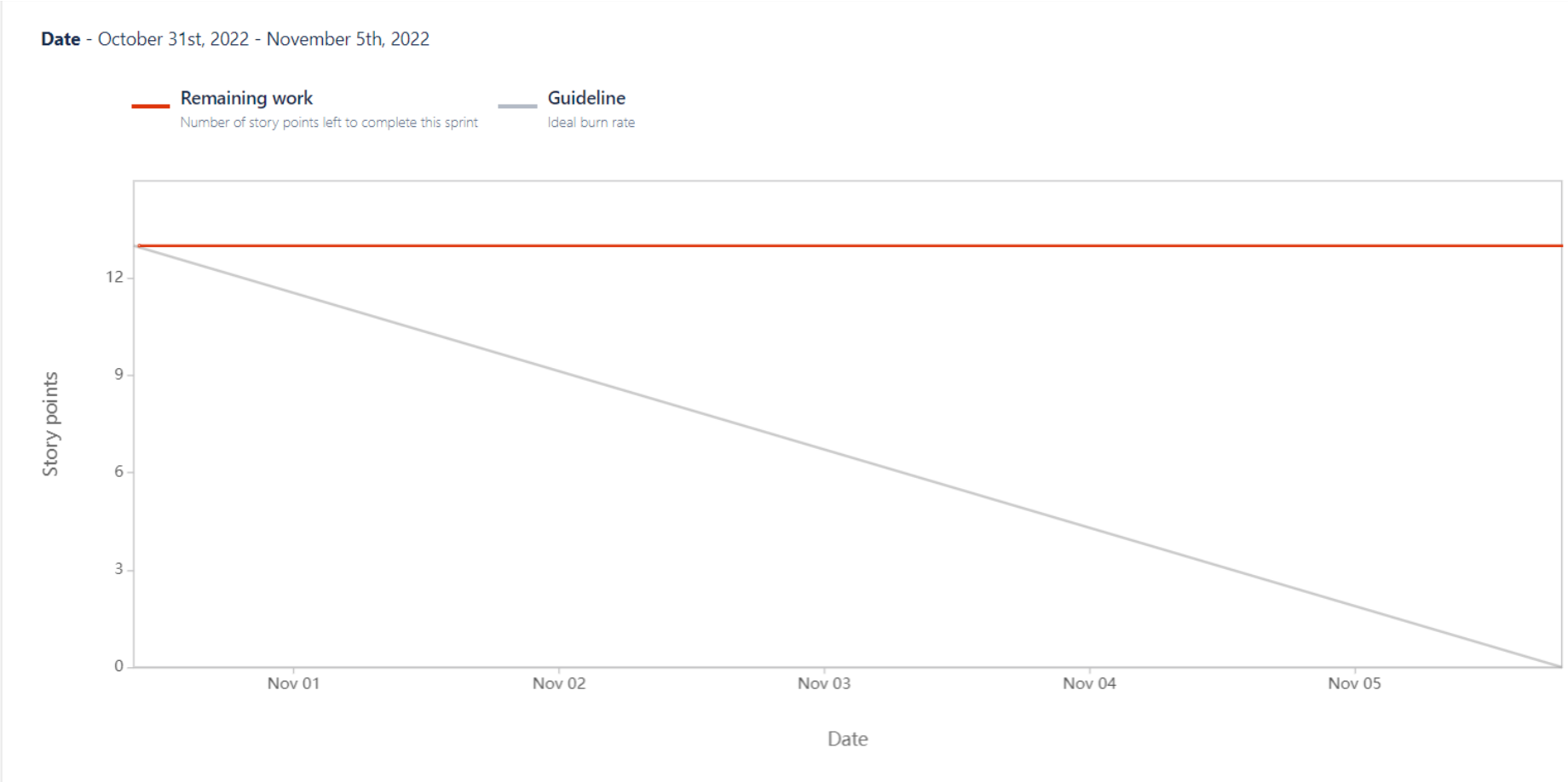

Fertilizers Recommend...
Software project
Back to project
Reports
Overview
Burnup report
Sprint burndown chart
Velocity report
Cumulative flow diagram
Cycle time report
Deployment frequency report
You're in a team-managed project
Projects / Fertilizers Recommendation System For Disease Prediction / Reports
Velocity report
How to read this repo
Commitment
The amount of work in the sprint when it began.
Completed
The amount of work done during the sprint.
Story point
12
9
6
3
0
FRSFDP Sprint 1
FRSFDP Sprint 2
FRSFDP Sprint 3
FRSFDP Sprint 4
FRSFDP Sprint 3
Commitment: 13
Completed: 13

Burndown:

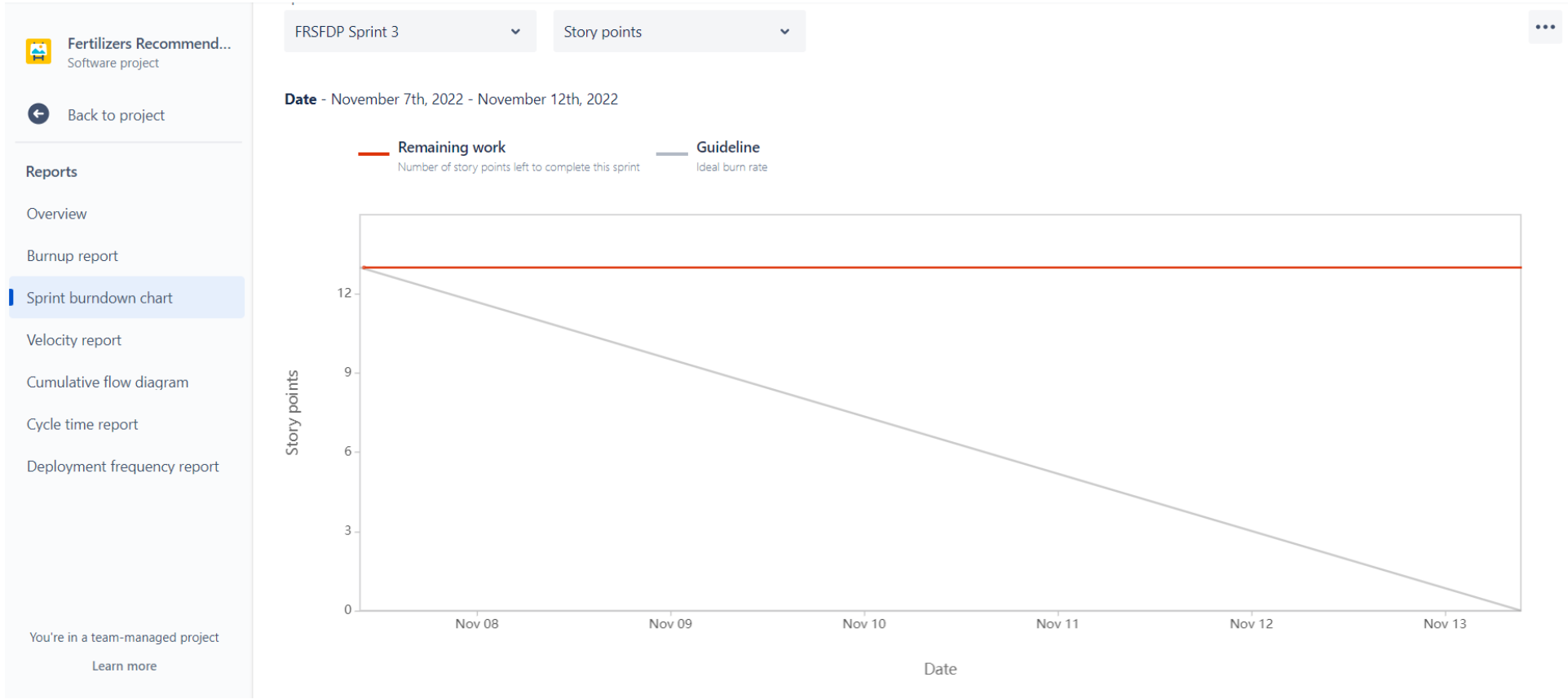
SPRINT 1:



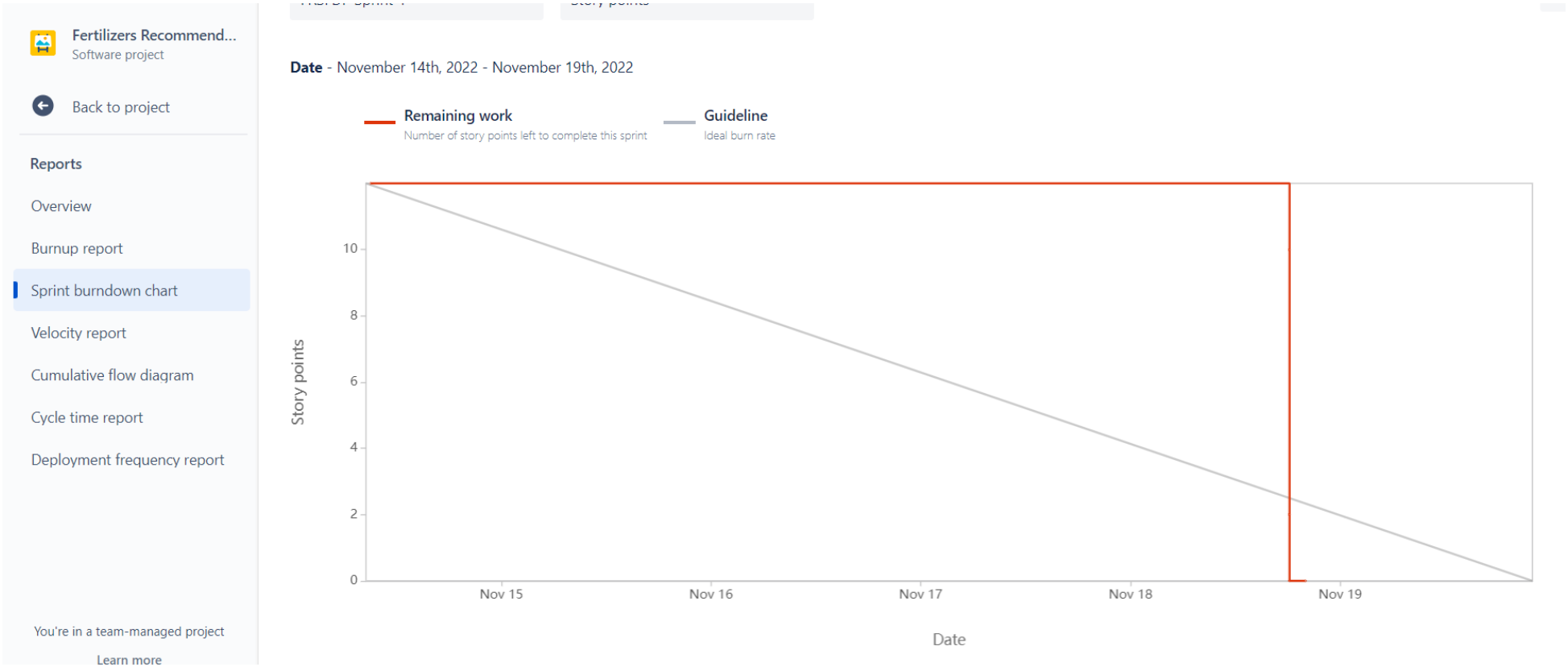
SPRINT 2:


Date - October 31st, 2022 - November 5th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Story points
12
9
6
3
0
Nov 01
Nov 02
Nov 03
Nov 04
Nov 05
Date

SPRINT 3:


Fertilizers Recommend...
Software project
Back to project
Reports
Overview
Burnup report
Sprint burndown chart
Velocity report
Cumulative flow diagram
Cycle time report
Deployment frequency report
You're in a team-managed project
Learn more
FRSFDP Sprint 3
Story points
Date - November 7th, 2022 - November 12th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Story points
12
9
6
3
0
Nov 08
Nov 09
Nov 10
Nov 11
Nov 12
Nov 13
Date

SPRINT 4:


Fertilizers Recommend...
Software project
Back to project
Reports
Overview
Burnup report
Sprint burndown chart
Velocity report
Cumulative flow diagram
Cycle time report
Deployment frequency report
You're in a team-managed project
Learn more
Date - November 14th, 2022 - November 19th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Story points
10
8
6
4
2
0
Nov 15
Nov 16
Nov 17
Nov 18
Nov 19
Date

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts