ProjectPlanningPhase
ProjectPlanning(ProductBacklog,SprintPlanning, Stories,Storypoints)

Date	24October2022
TeamID	PNT2022TMID50870
ProjectName	RetailStoreStockInventoryAnalytics
Maximummarks	8

Productbacklogs,Sprintschedule,Estimation(4marks)

Sprint	FunctionalRequirement(Epic)	User StoryNumber	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	DataCollection	USN-1	The dataset is collected and theunderstandingofdatasetisdonetopresentthe analyticsto the user	2	High	Pavithra MPooranapushpakalaMSmiwin Gems SuriyaLakshmiA
Sprint-1	DataPreparation	USN-2	As a user, I can view the accurate analytics data by preparation. The data preparationisdonetorestructureandclean thedata.	3	High	Pavithra MPooranapushpakala MSmiwin Gems SuriyaLakshmi A
Sprint-2	DataExploration	USN-3	As a user, I can view the visualized data togetthebetterunderstandingaboutthesales,stock, revenueand price.	8	High	Pavithra MPooranapushpakala MSmiwin Gems SuriyaLakshmi A
Sprint-3	DashboardCreation	USN-4	As a user, I can view the differentvisualizationinthedashboardaboutth esales, stock, revenueand price.	8	High	Pavithra MPooranapushpakala MSmiwin Gems SuriyaLakshmi A

Sprint	Functional Requirement(Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
Sprint-4	Report creation	USN-5	As a user, I can view the detailed report of the sales, stock, revenue and price. The user can get the report of the particular data.	8	High	Pavithra M Pooranapushpakala M Sri Vi Gems Suriya Lakshmi A
Sprint-4	Story creation	USN-6	As a user, I can view the story to get the [illegible] of the sales, revenue and price. The user can make decisions based on the story.	8	High	Pavithra M Pooranapushpakala M Sri Vi Gems Suriya Lakshmi A

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

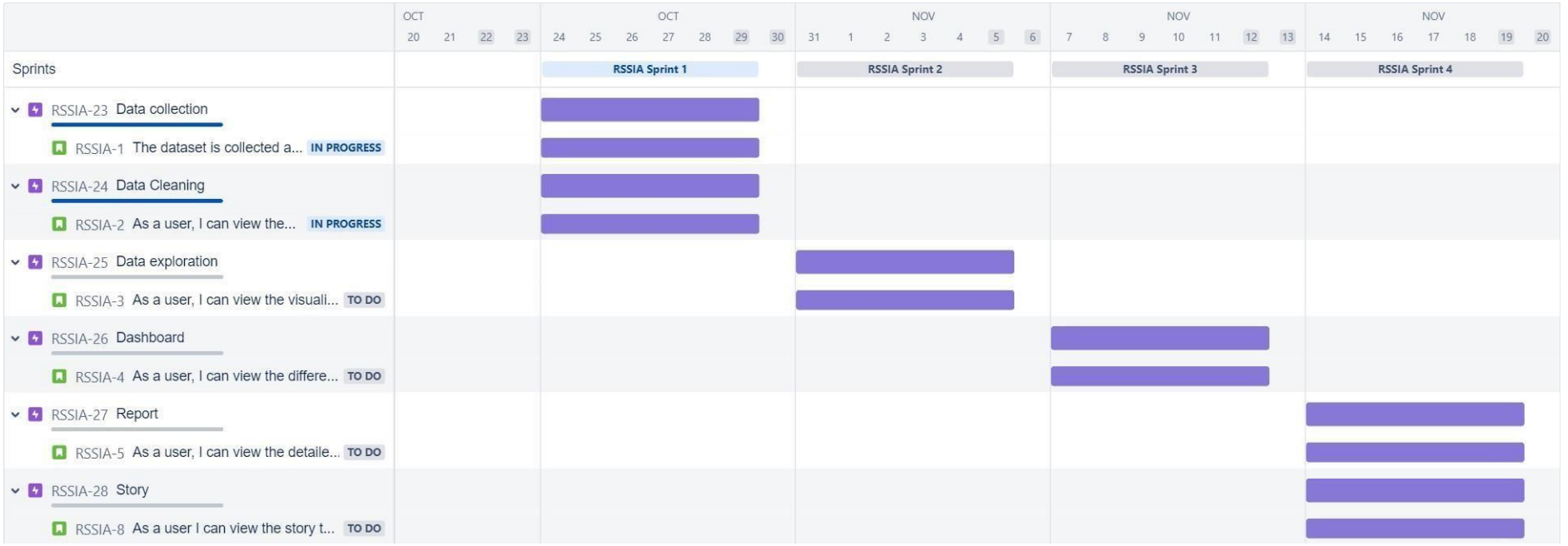
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022	8	05 Nov 2022
Sprint-3	8	6 Days	07 Nov 2022	12 Nov 2022	8	12 Nov 2022
Sprint-4	16	6 Days	14 Nov 2022	19 Nov 2022	16	19 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per unit (storypoints per day)

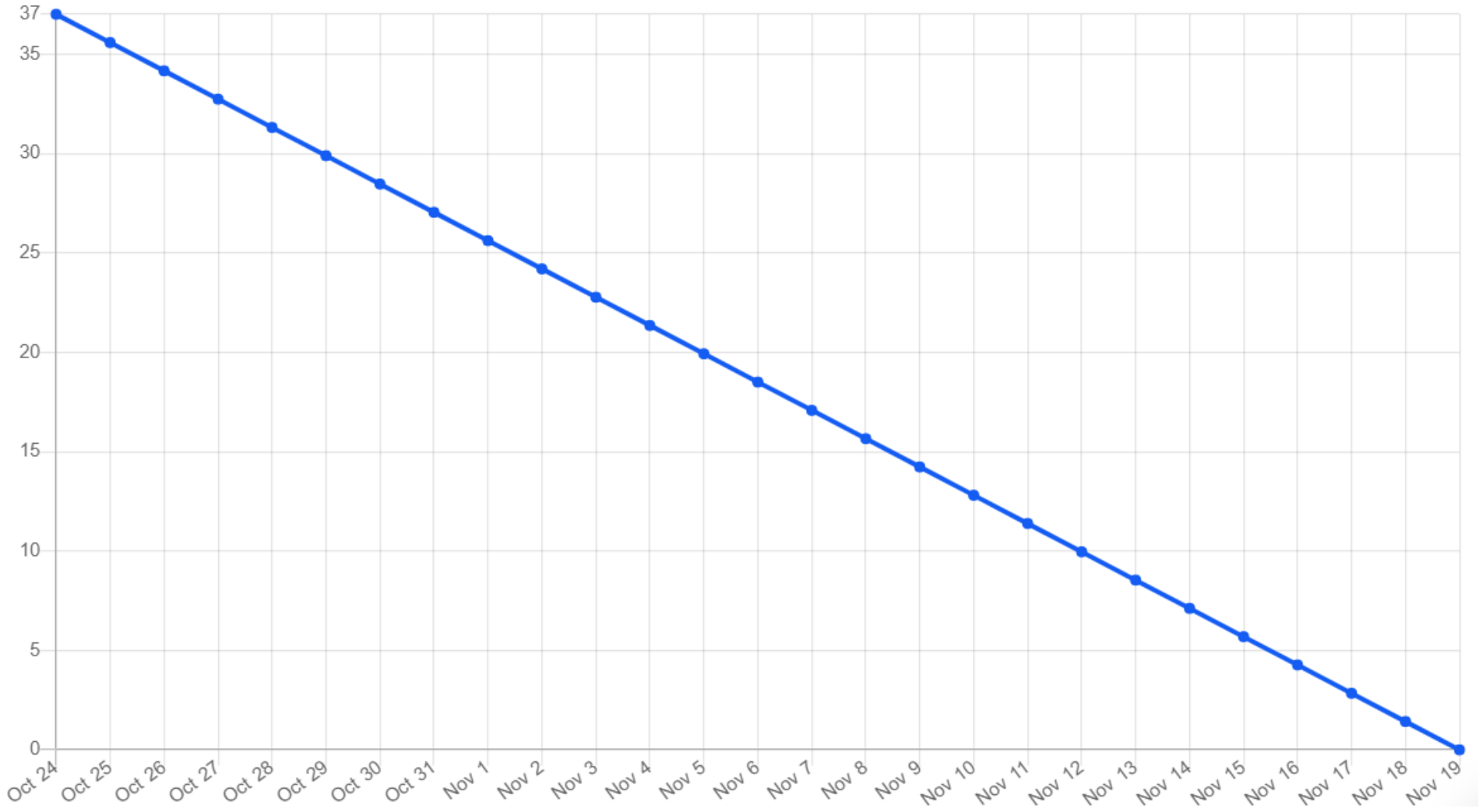
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Sprint	Storypoints	Duration	Averagevelocity
Sprint-1	5	6	0.83
Sprint-2	8	6	1.33
Sprint-3	8	6	1.33
Sprint-4	16	6	2.66
Total	37	24	1.54

Jiraprojectplanning:



BurndownChart:


37
35
30
25
20
15
10
5
0
Oct 24
Oct 25
Oct 26
Oct 27
Oct 28
Oct 29
Oct 30
Oct 31
Nov 1
Nov 2
Nov 3
Nov 4
Nov 5
Nov 6
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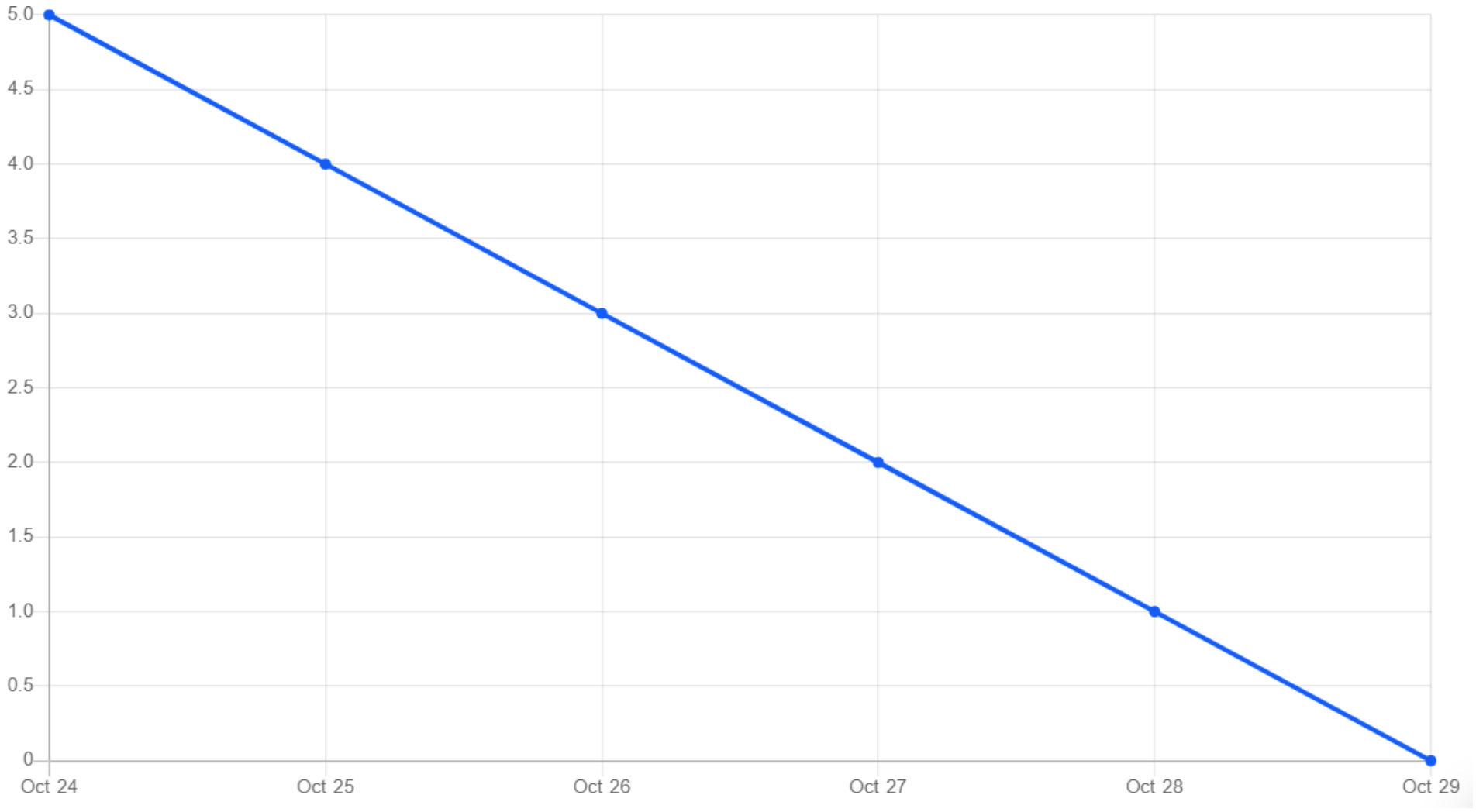
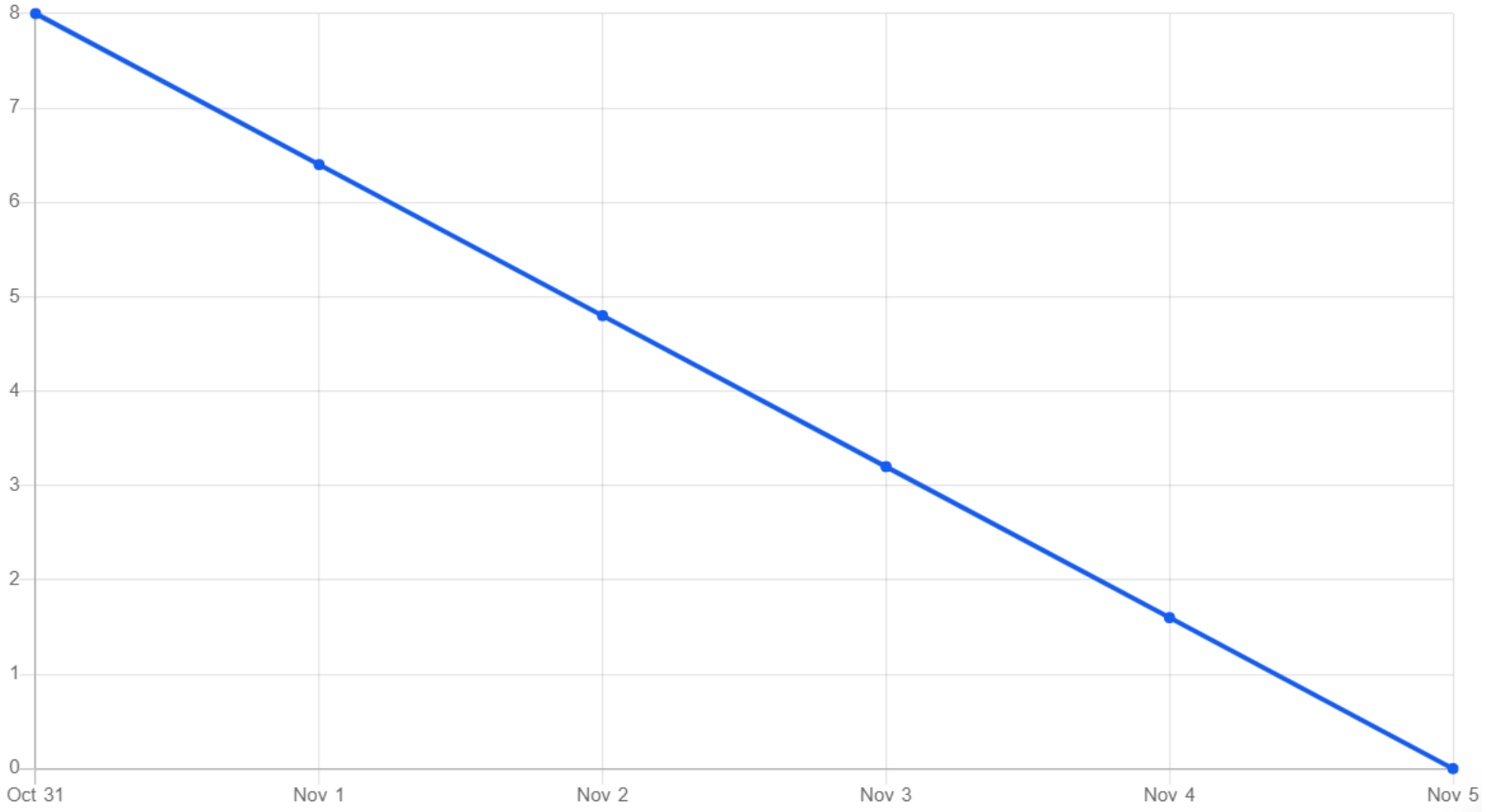
Nov 16
Nov 17
Nov 18
Nov 19

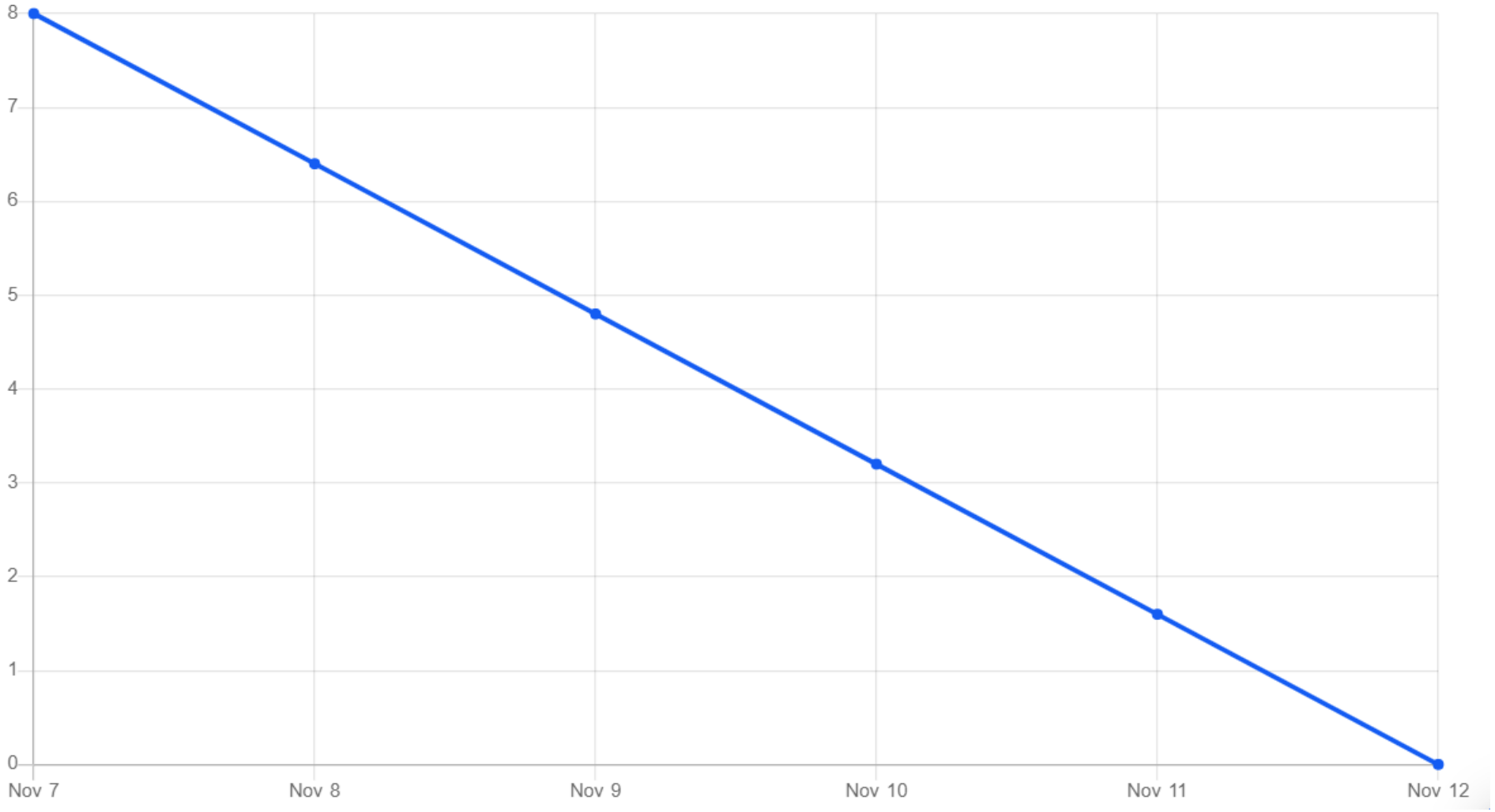
Sprint-1


5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
Oct 24
Oct 25
Oct 26
Oct 27
Oct 28
Oct 29

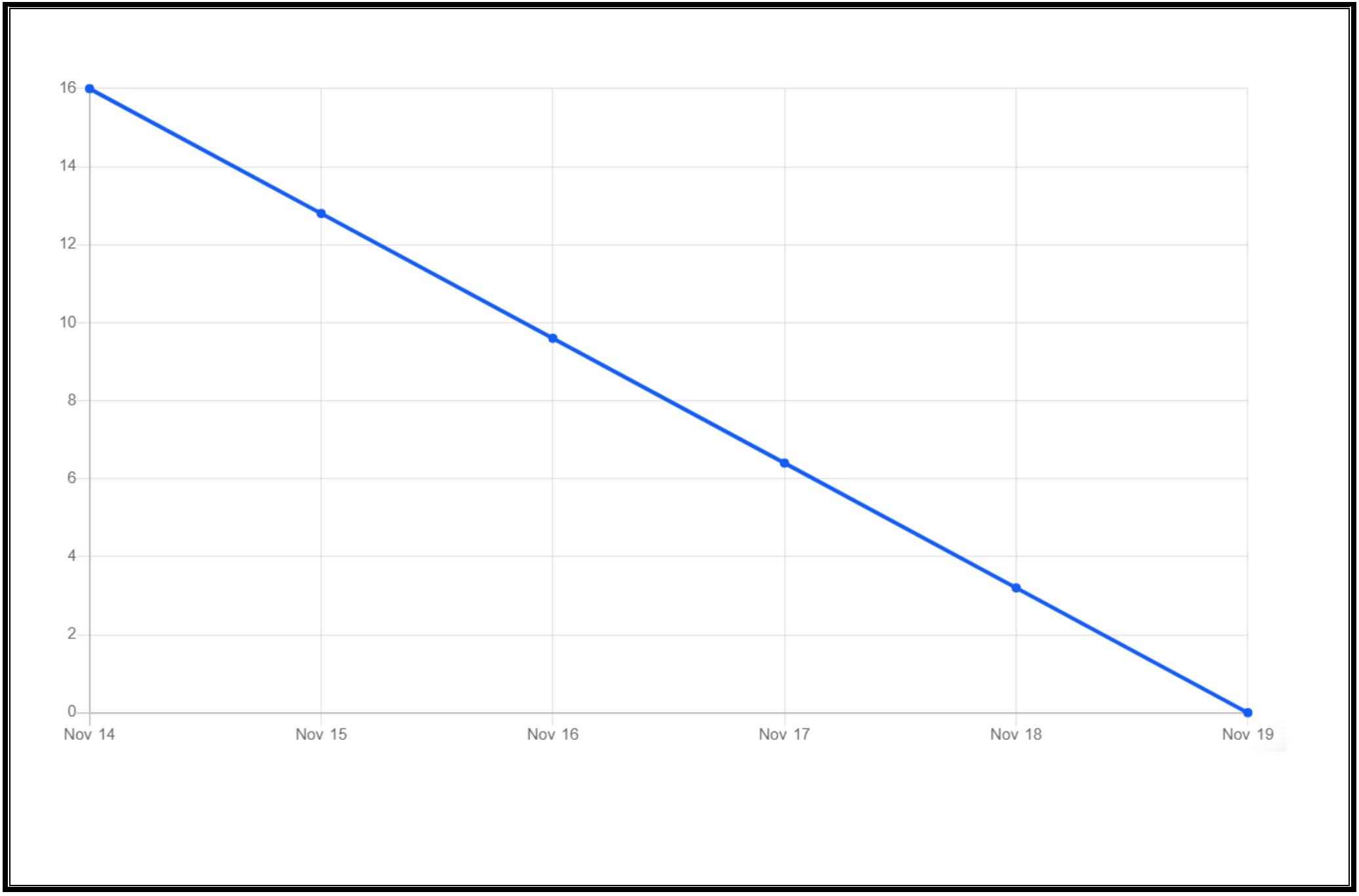
Sprint-2



Sprint-3



Sprint-4


16
14
12
10
8
6
4
2
0
Nov 14
Nov 15
Nov 16
Nov 17
Nov 18
Nov 19