PROJECT PLANNING PHASE

Project Planning(Product Backlog, Sprint Planning, Stories, Story Points)

Date	**29th October 2022**
Team ID	**PNT2022TMID048449**
Project Name	**Retail Store Stock Inventory Analytics**
Maximum Marks	**8 Marks**

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

s

Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story Points	Prior ity	Team Members
Sprint-1	Registration	USN-1	As a user , I can register for the application by entering my email, password	2	High	Gowtham S Mohamed Fizel Rahman S Gurukarthikeyan M Surya R
Sprint-1	Data Preparation	USN-2	As a user, I am able to view the	3	medium	Gowtham S Mohamed Fizel Rahman S

	Sprint-2	Data Exploration	USN-3	As a user,I can view the visualized data to get the better understanding About the sales,stock,revenue And price.	8	High	Gurukarthikeyan M Surya R

Sprint-3	Dashboard Creation	USN-4	As a user, I can view the different visualization in the dashboard.	8	High	Gowtham S Mohamed Fizel Rahman S Gurukathikeyan M Surya S
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	Gowtham S Mohamed Fizel Rahman S Gurukarthikeyan M Surya R

Sprint-4	Story Creation	USN-6	As a user, I can view the story to get the better understanding of the sales, stock,revenue and price. The user can make decisions based on the story.	8	High	Gowtham S Mohamed Fizel Rahman S Gurukarthikeyan M Surya R

Sprint	**Total Story Points**	**Duration**	**Sprint Start Date**	**Sprint End Date**	**Story Points Completed (as on Planned End Date)**	**Sprint Release Date (Actual)**
Sprint -1	5	3 Days	05 Nov 2022	08 Nov 2022	5	08 Nov 2022
Sprint -2	8	3 Days	09 Nov 2022	12 Nov 2022	8	12 Nov 2022
Sprint -3	8	3 Days	13 Nov 2022	16 Nov 2022	8	16 Nov 2022
Sprint -4	16	2 Days	17 Nov 2022	19 Nov 2022	16	19 Nov 2022

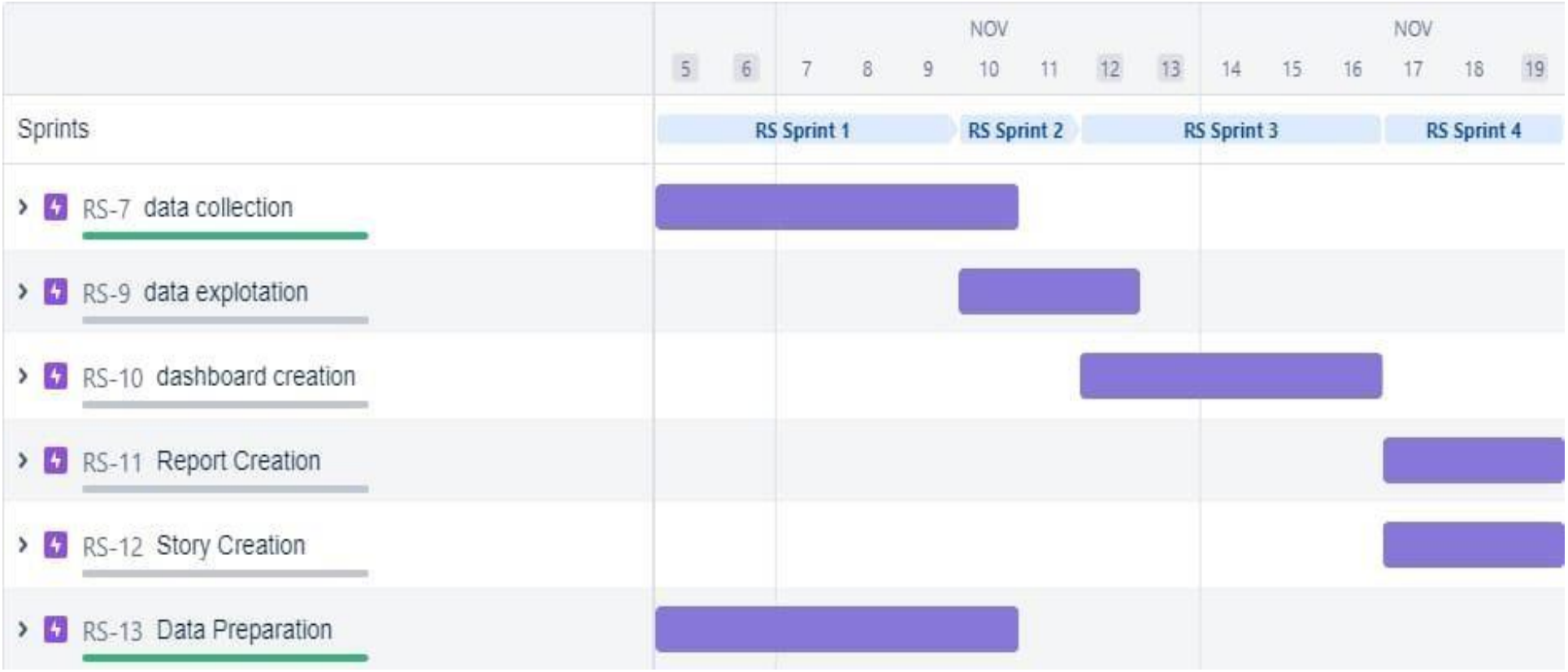
Project Tracker, Velocity & Burndown Chart: (4 Marks) Velocity:

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 iteration unit (story points per day).

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

Sprint	Story Points	Duration	Average Velocity
Sprint-1	5	3	1.66
Sprint-2	8	3	2.66
Sprint-3	8	3	2.66
Sprint-4	16	2	8.0
Total	**37**	**11**	**3.36**

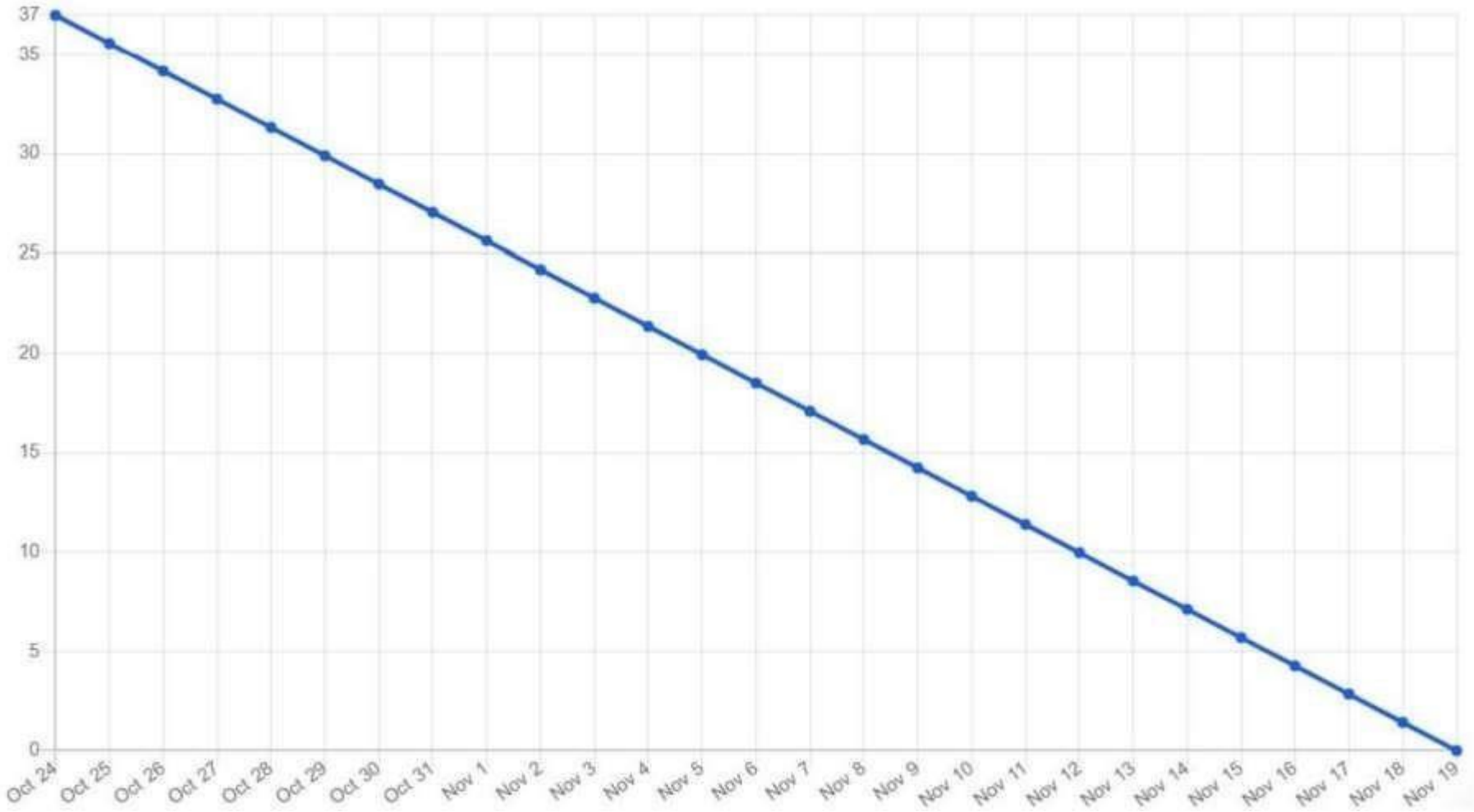
Jira Project Planning:



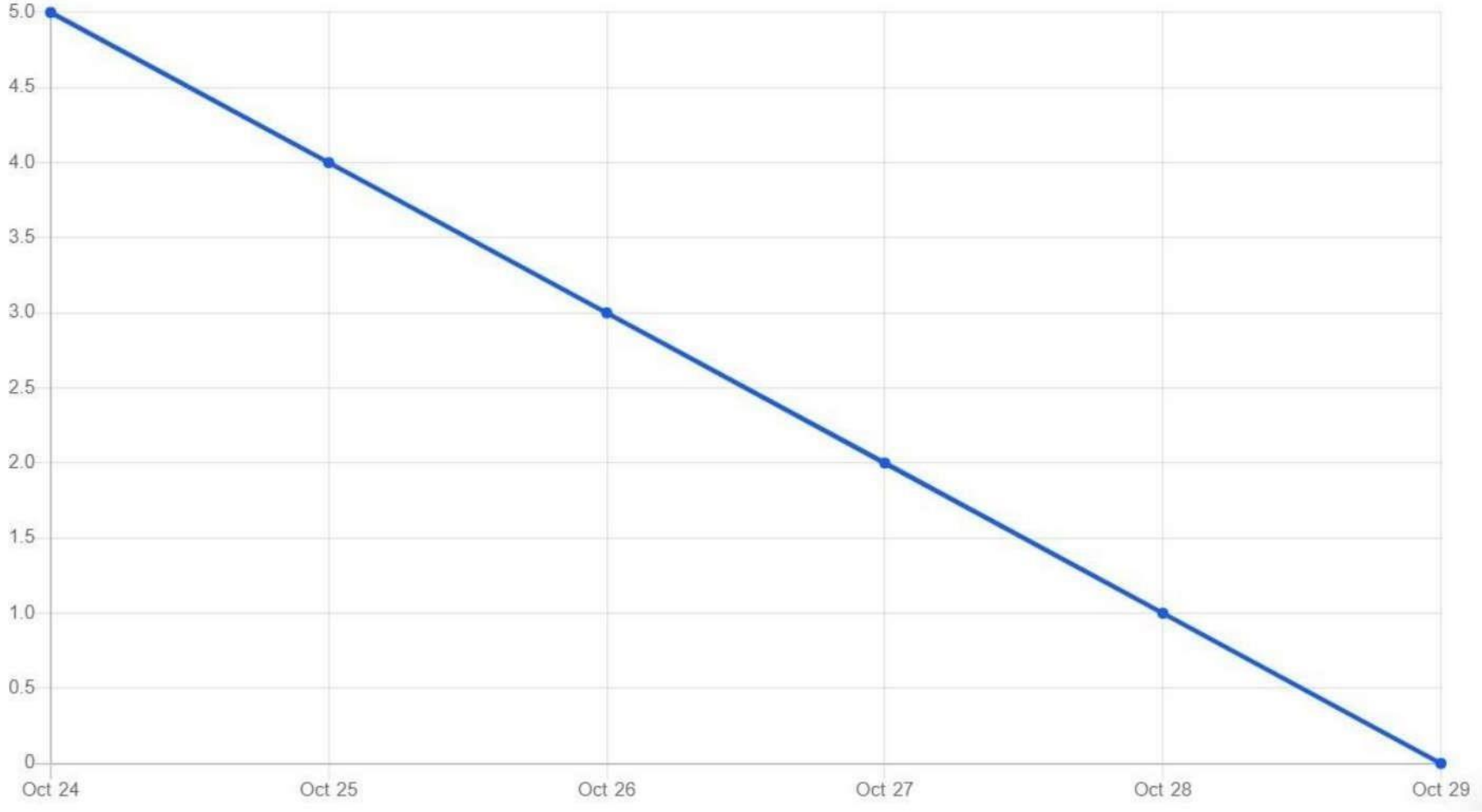
Burn Down Chart:

Overall Burndown Chart:

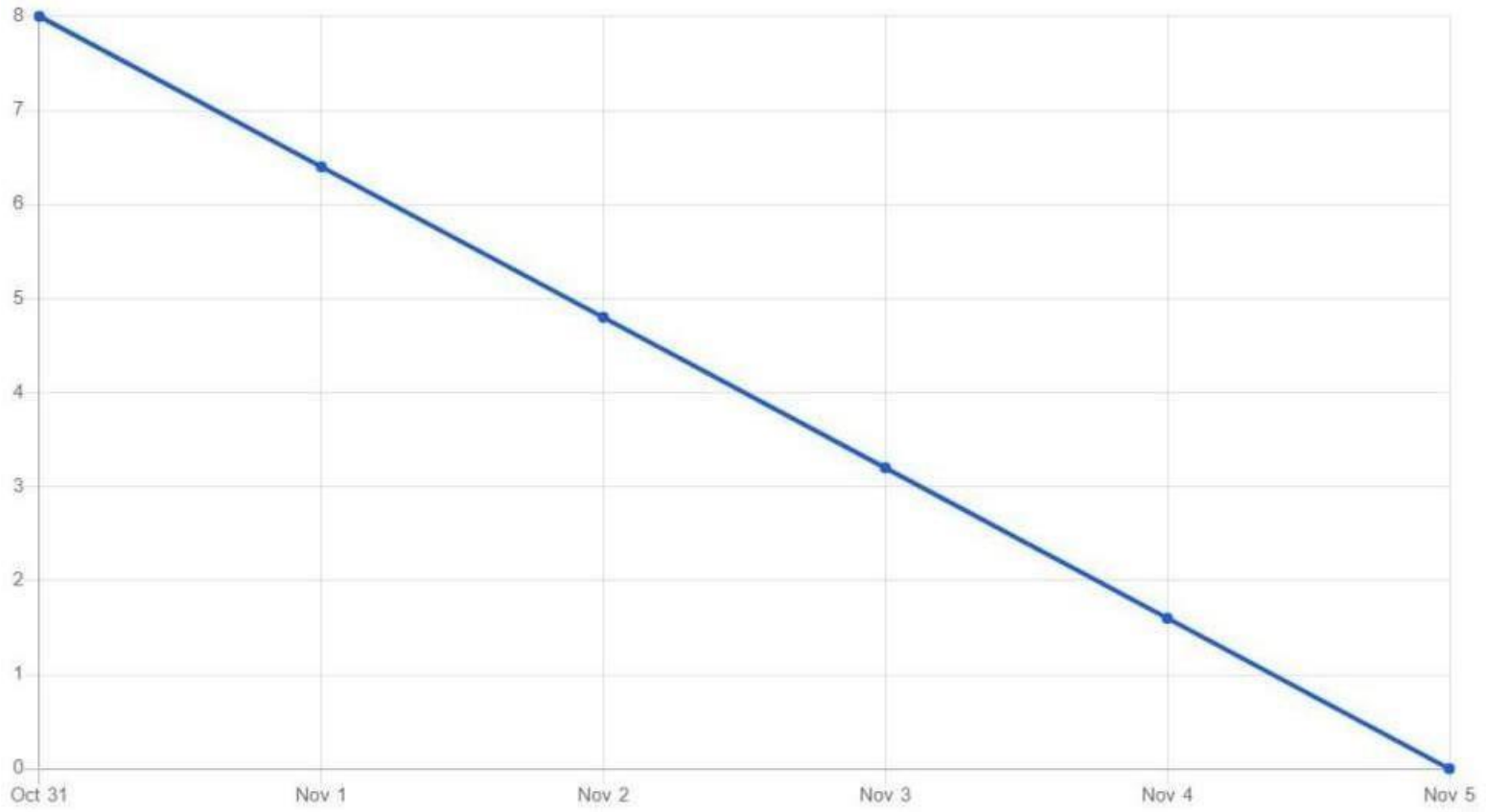
Sprint


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
Nov 7
Nov 8
Nov 9
Nov 10
Nov 11
Nov 12
Nov 13
Nov 14
Nov 15
Nov 16
Nov 17
Nov 18
Nov 19

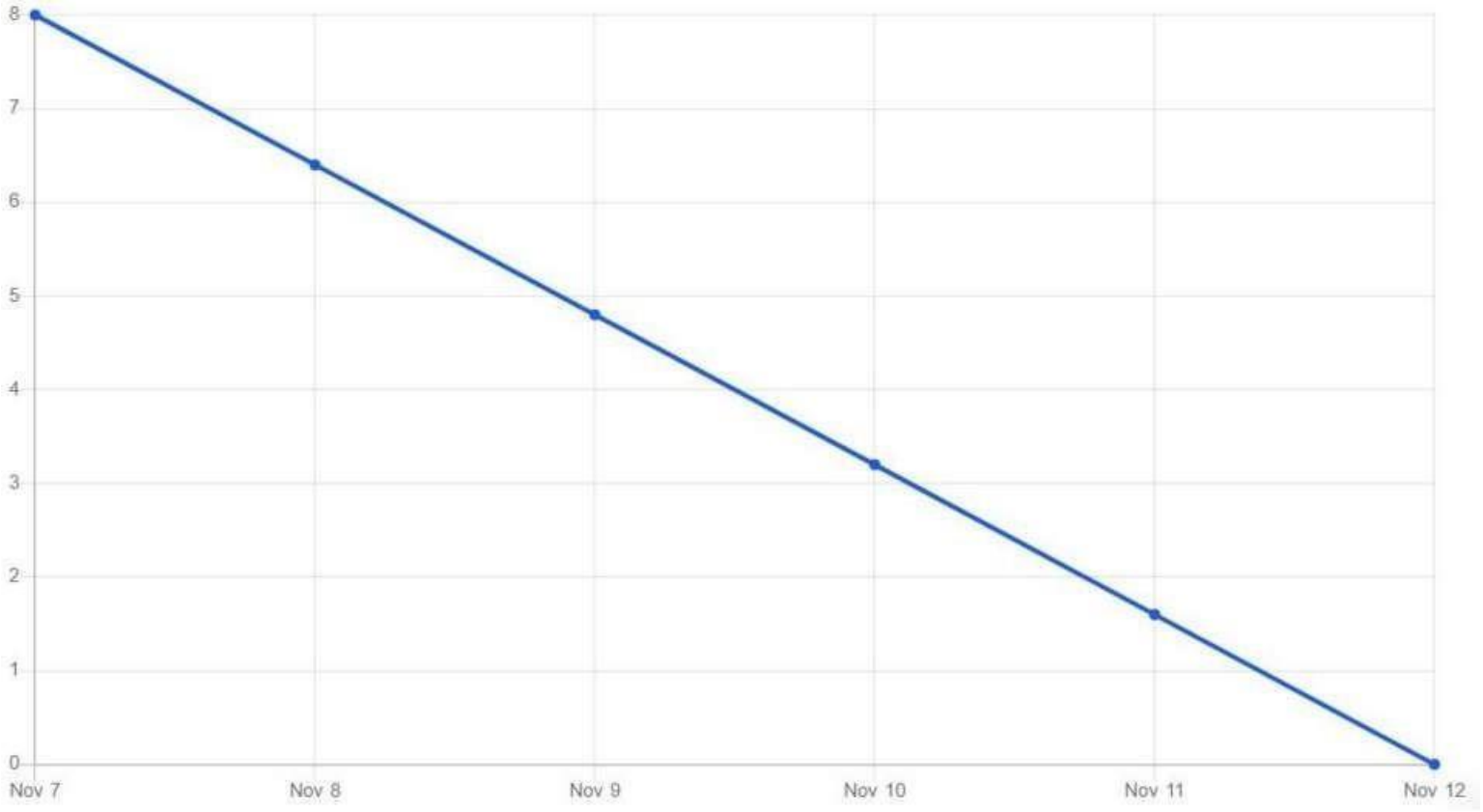
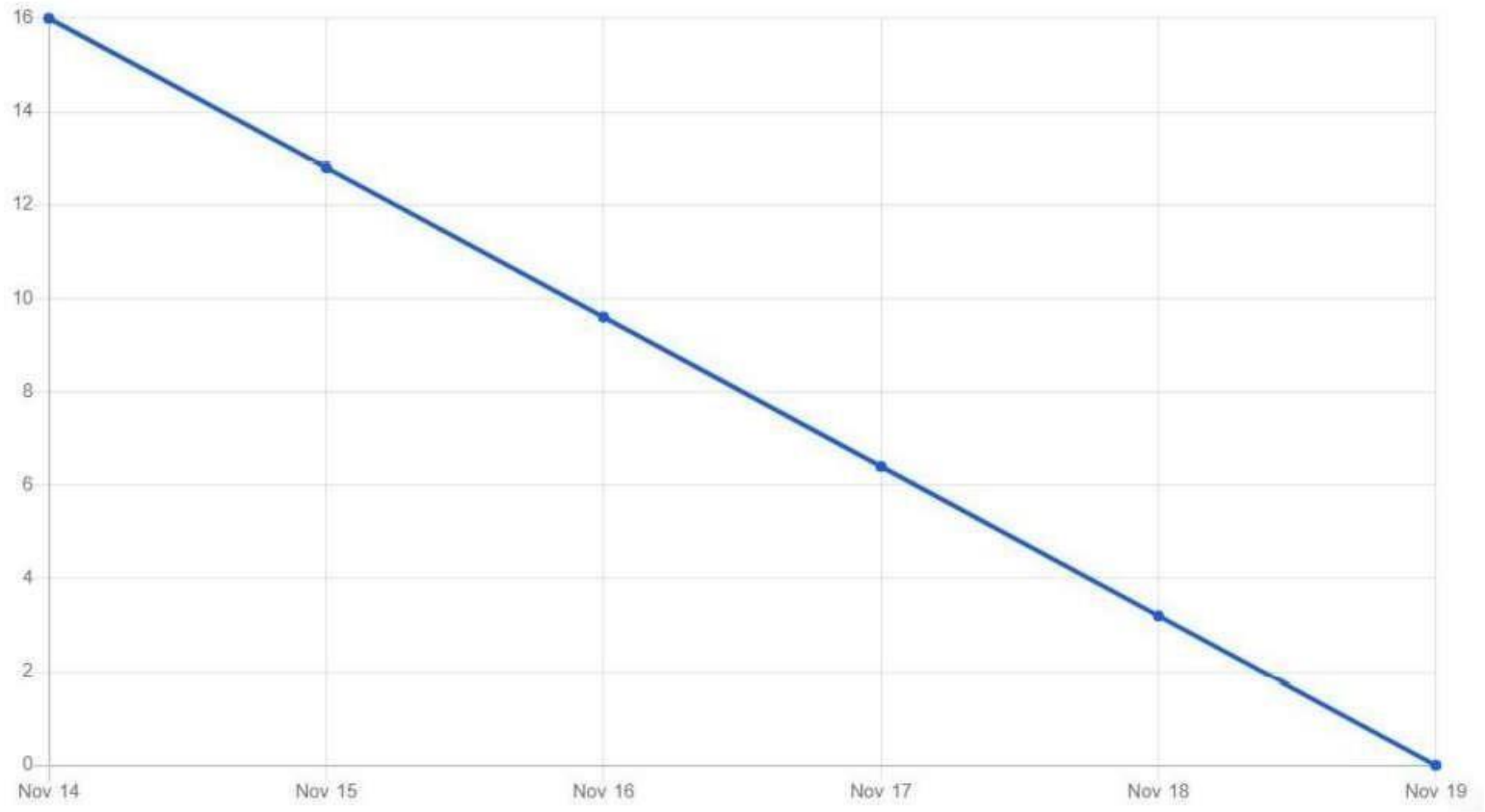
Sprint


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



Sprint



Sprint