

PROJECT PLANNING PHASE

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

Date	27th October 2022
Team ID	PNT2022TMID52442
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	The dataset is collected and the understanding is done.	2	High	Deepika M Nivetha E Maheswari A Serene Elizabeth S
Sprint-1	Data Preparation	USN-2	As a user, I am able to view the	3	High	Deepika M Nivetha E

			accurate analytics of data.			Maheswari A Serene Elizabeth 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	Deepika M Nivetha E Maheswari A Serene Elizabeth S
Sprint-3	Dashboard Creation	USN-4	As a user, I can view the different visualization in the dashboard.	8	High	Deepika M Nivetha E Maheswari A Serene Elizabeth S
Sprint-4	Report Creation	USN-5	As a user, I can view the detailed	8	High	Deepika M Nivetha E

			report of the sales, stock, revenue and price. The user can get the report of the particular data.			Maheswari A Serene Elizabeth S
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	Deepika M Nivetha E Maheswari A Serene Elizabeth S

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

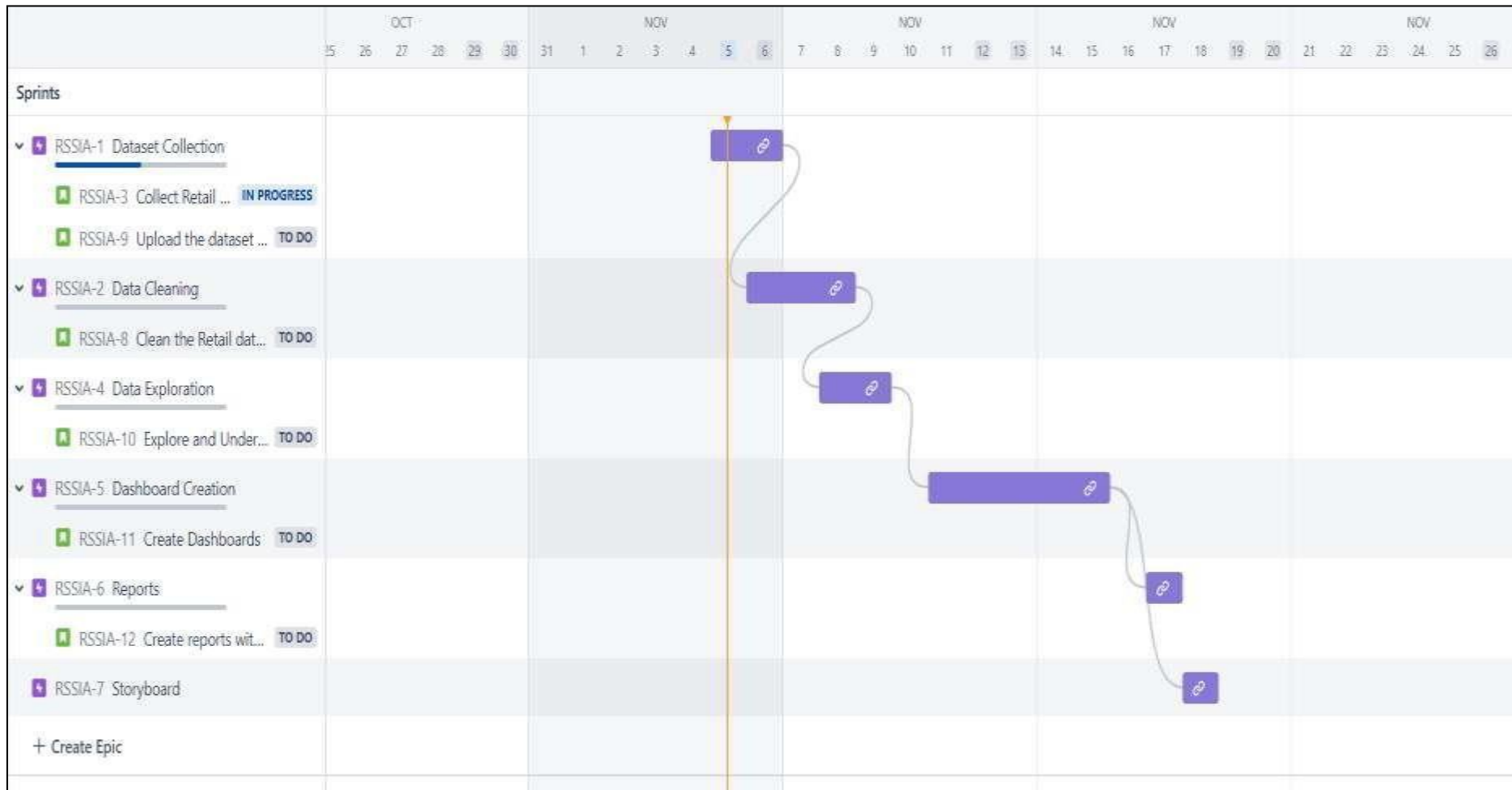
Project Tracker, Velocity & Burndown Chart: (4 Marks) Velocity:

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).

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

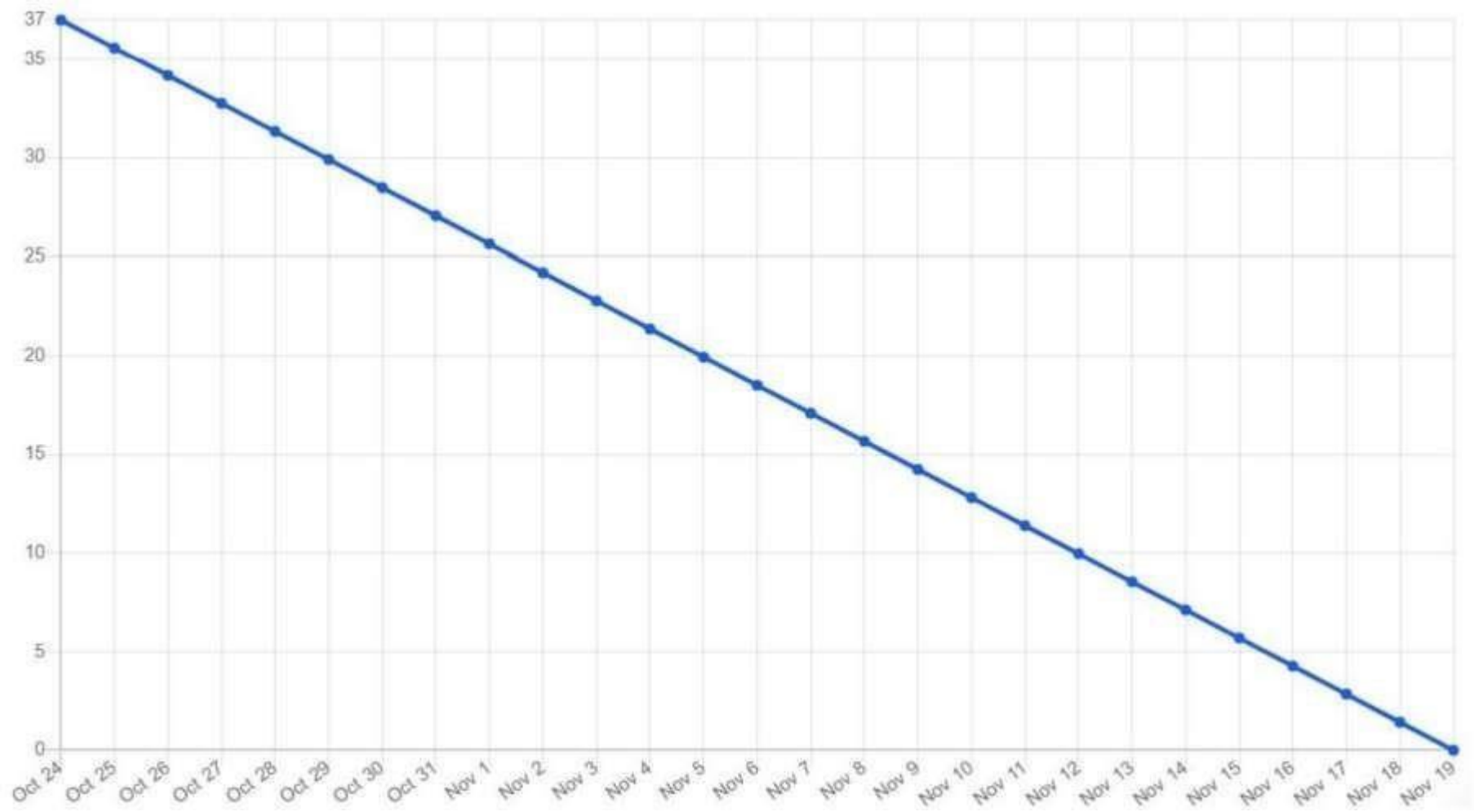
$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{10} = 2$$

Jira Project Planning:



Burn Down Chart:

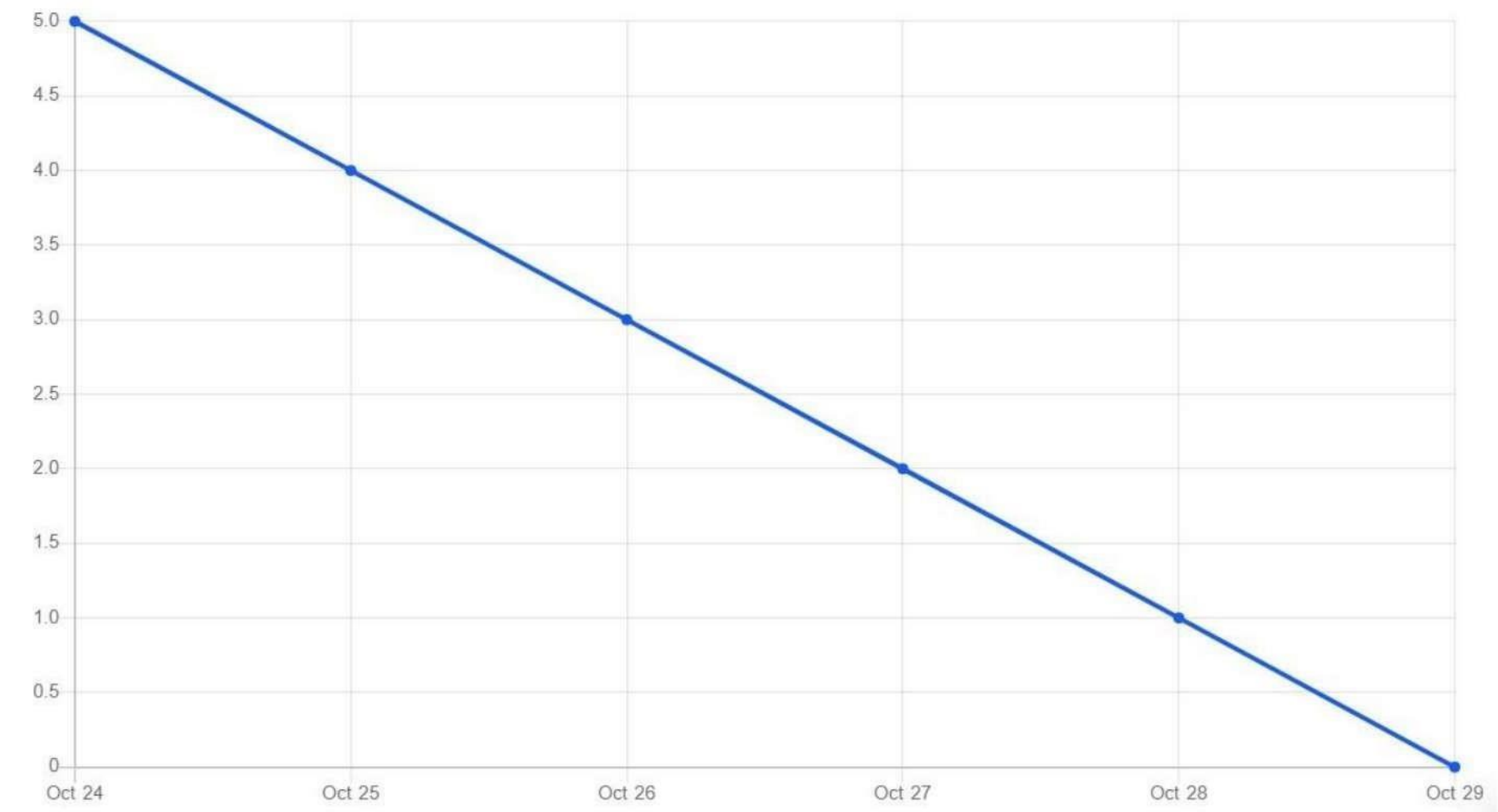
Overall Burndown Chart:



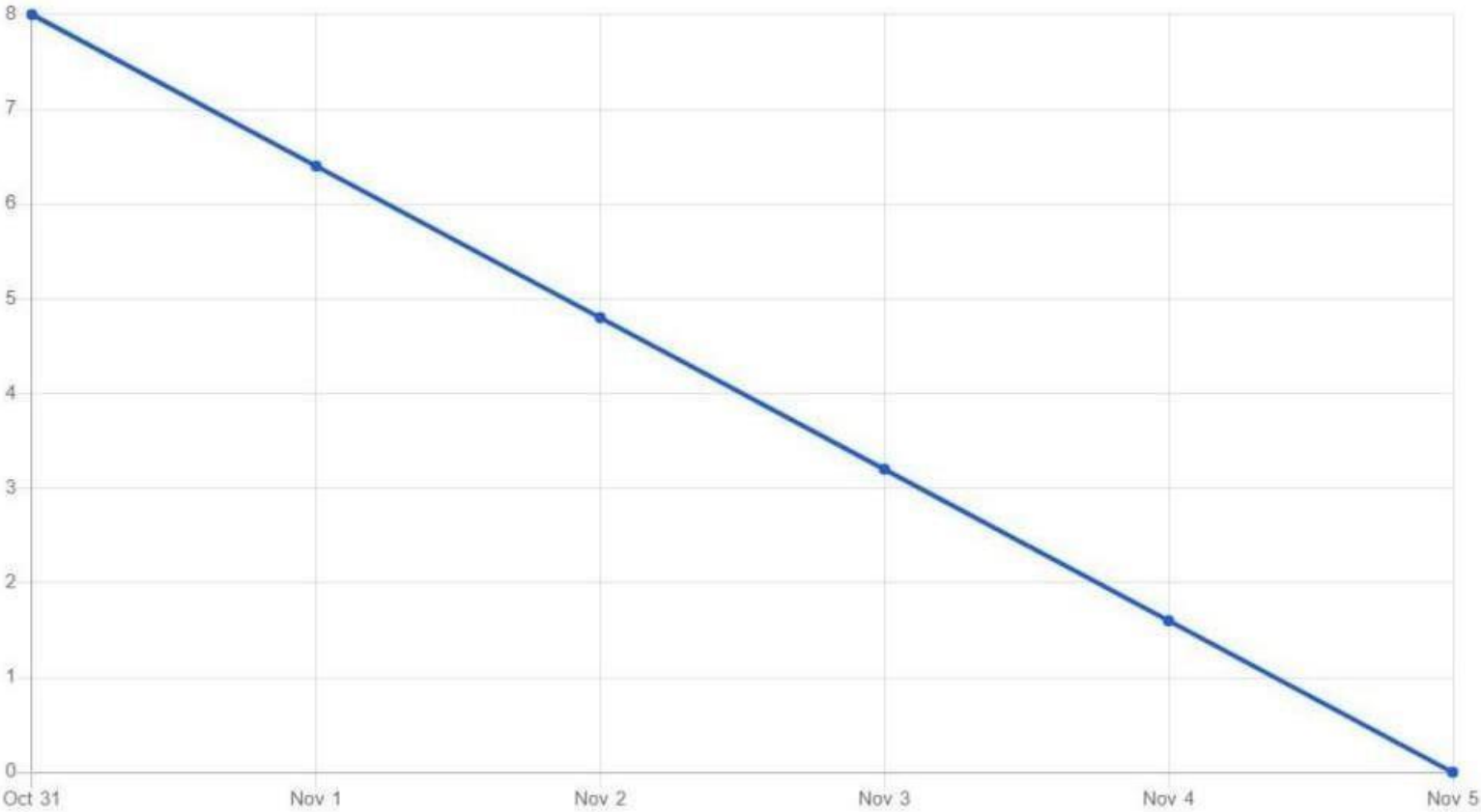
Sprint

-1

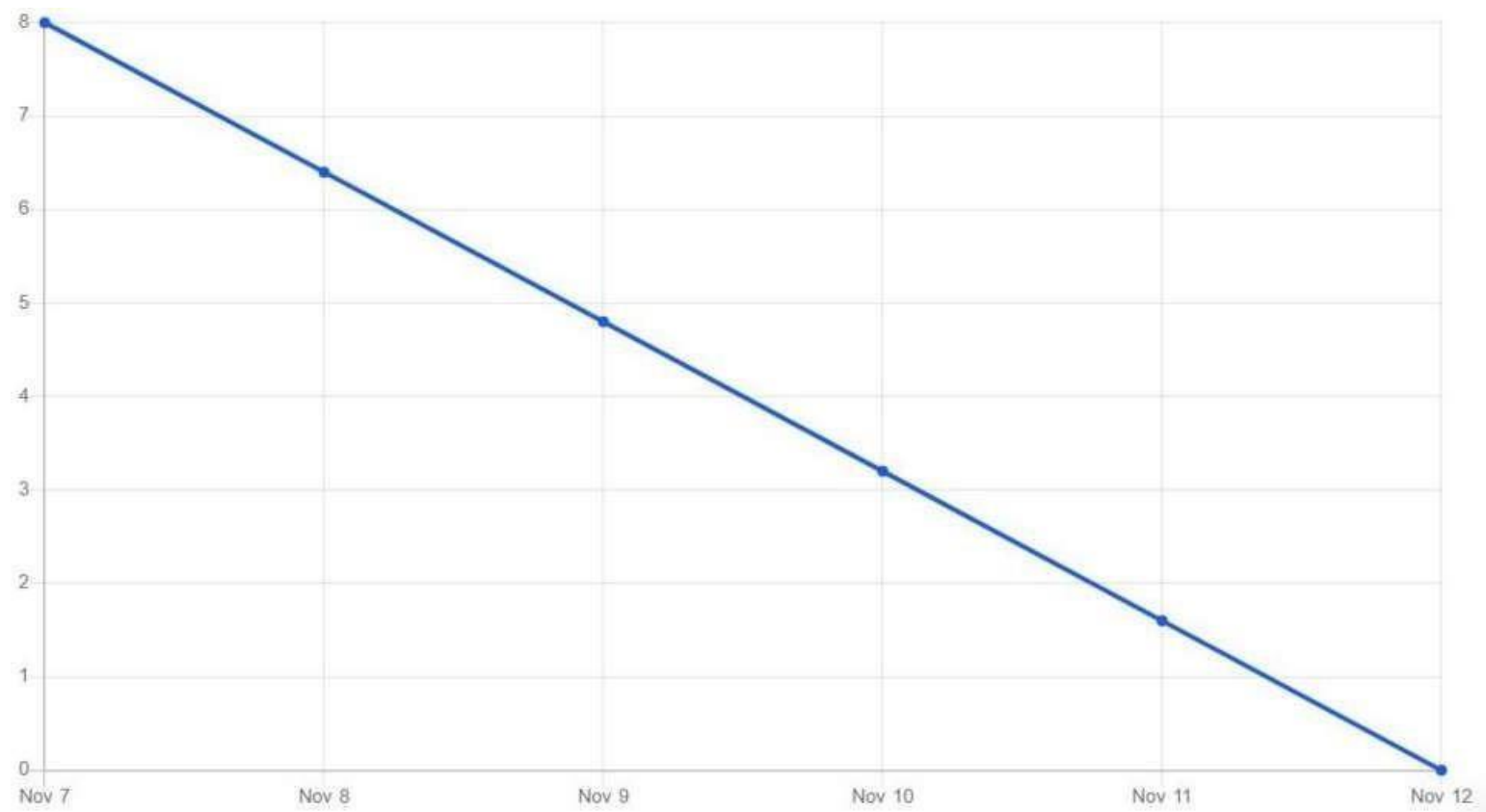
Sprint



Sprint



Sprint



Sprint

