PROJECT PLANNING PHASE

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

Date	**27th October 2022**
Team ID	**PNT2022TMID05551**
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	Tharini G V Sugithaa M Sastika N Sulthan R
Sprint-1	Data Preparation	USN-2	As a user, I am able to view the accurate analytics of data.	3	High	Tharini G V Sugithaa M Sastika N Sulthan R
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	Tharini G V Sugithaa M Sastika N Sulthan R

Sprint-3	Dashboard Creation	USN-4	As a user, I can view the different visualization in the dashboard.	8	High	Tharini G V Sugithaa M Sastika N Sulthan R
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	Tharini G V Sugithaa M Sastika N Sulthan 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	Tharini G V Sugithaa M Sastika N Sulthan 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)

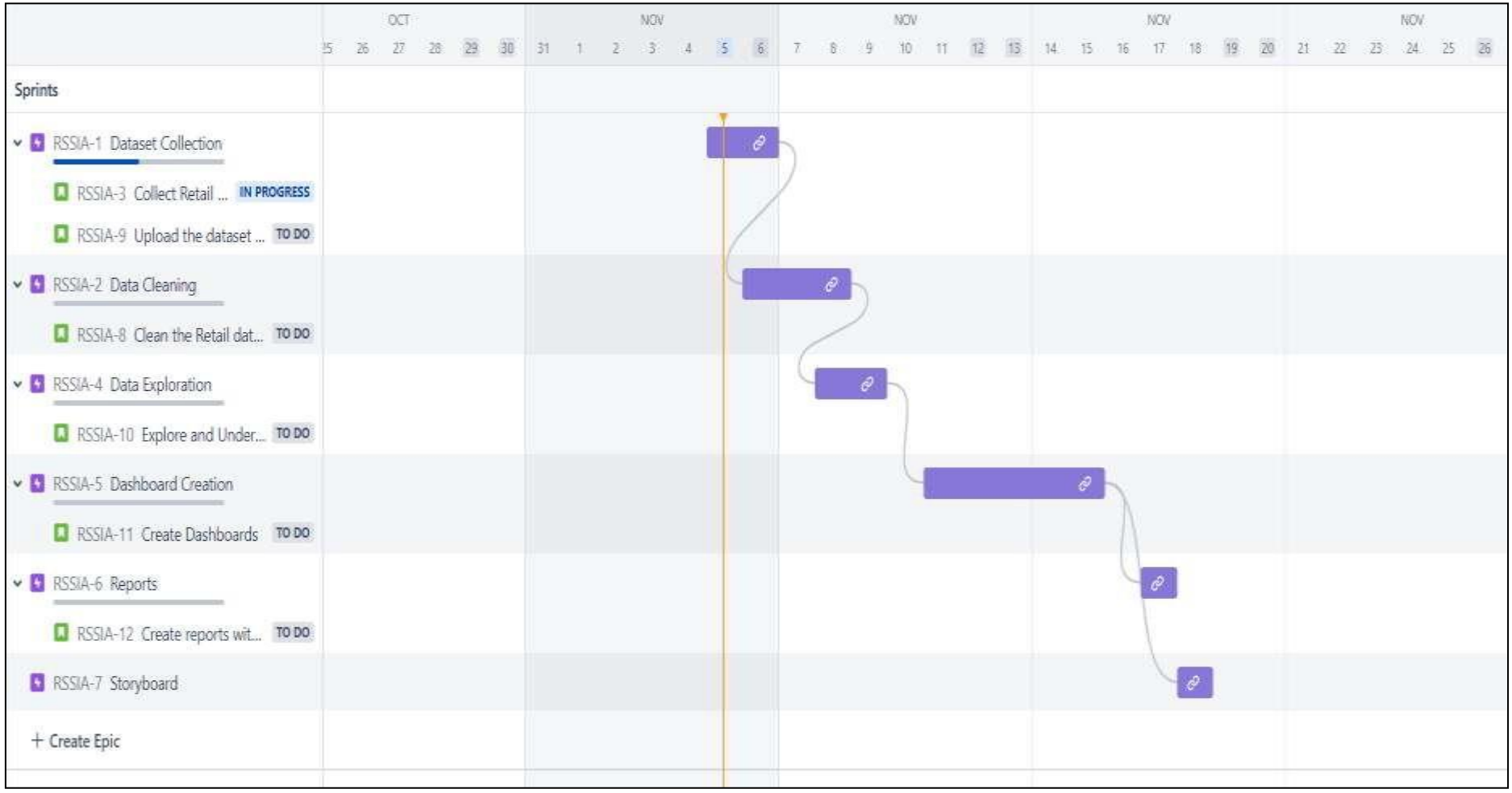
Velocity:

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).

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

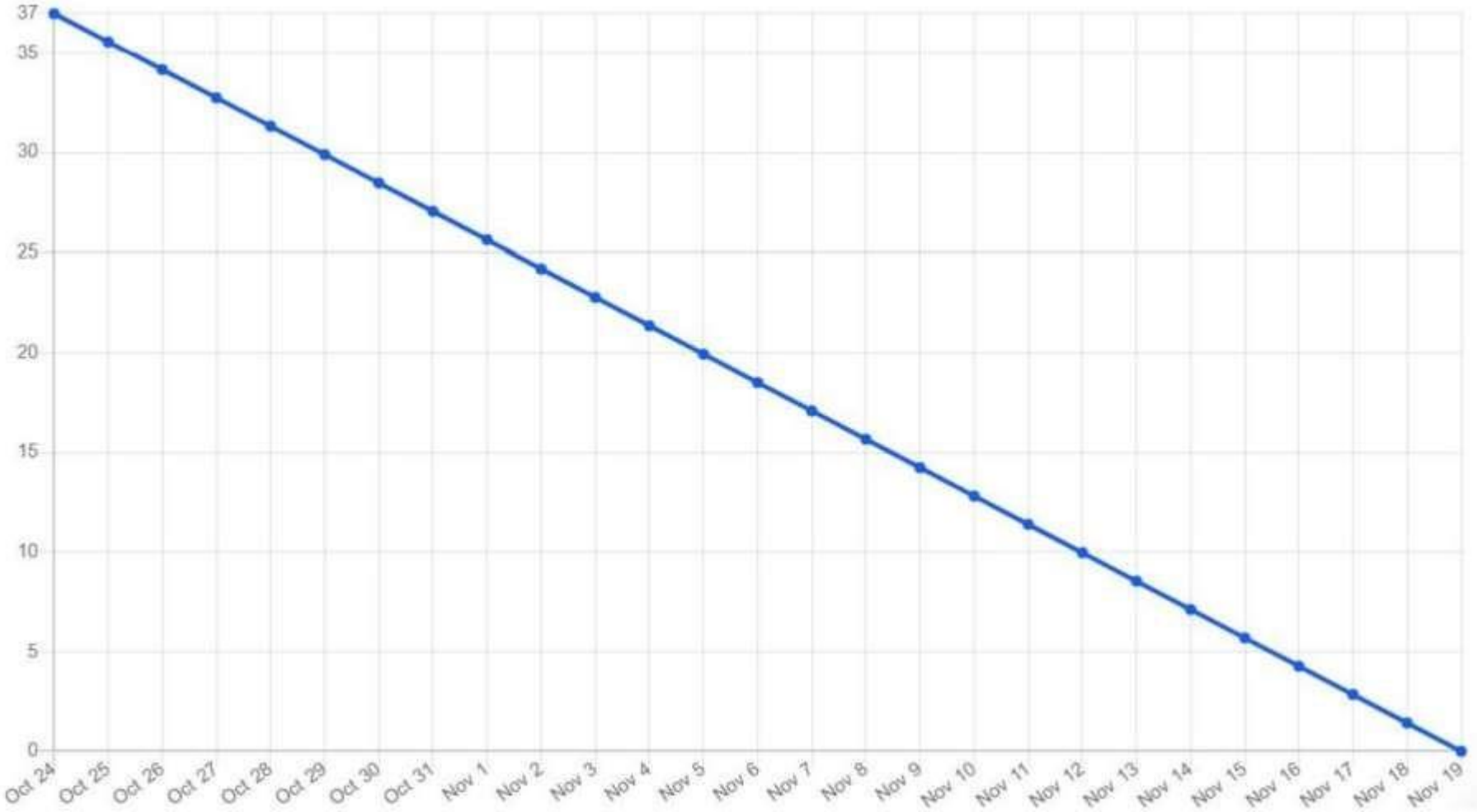
Sprint	Story Points	Duration	Average Velocity
Sprint-1	5	3	1.66
Sprint-2	8	3	2.66
Sprint-3	8	3	2.66
Sprint-4	16	2	8.0
Total	**37**	**11**	**3.36**

Jira Project Planning:



Burn Down Chart:

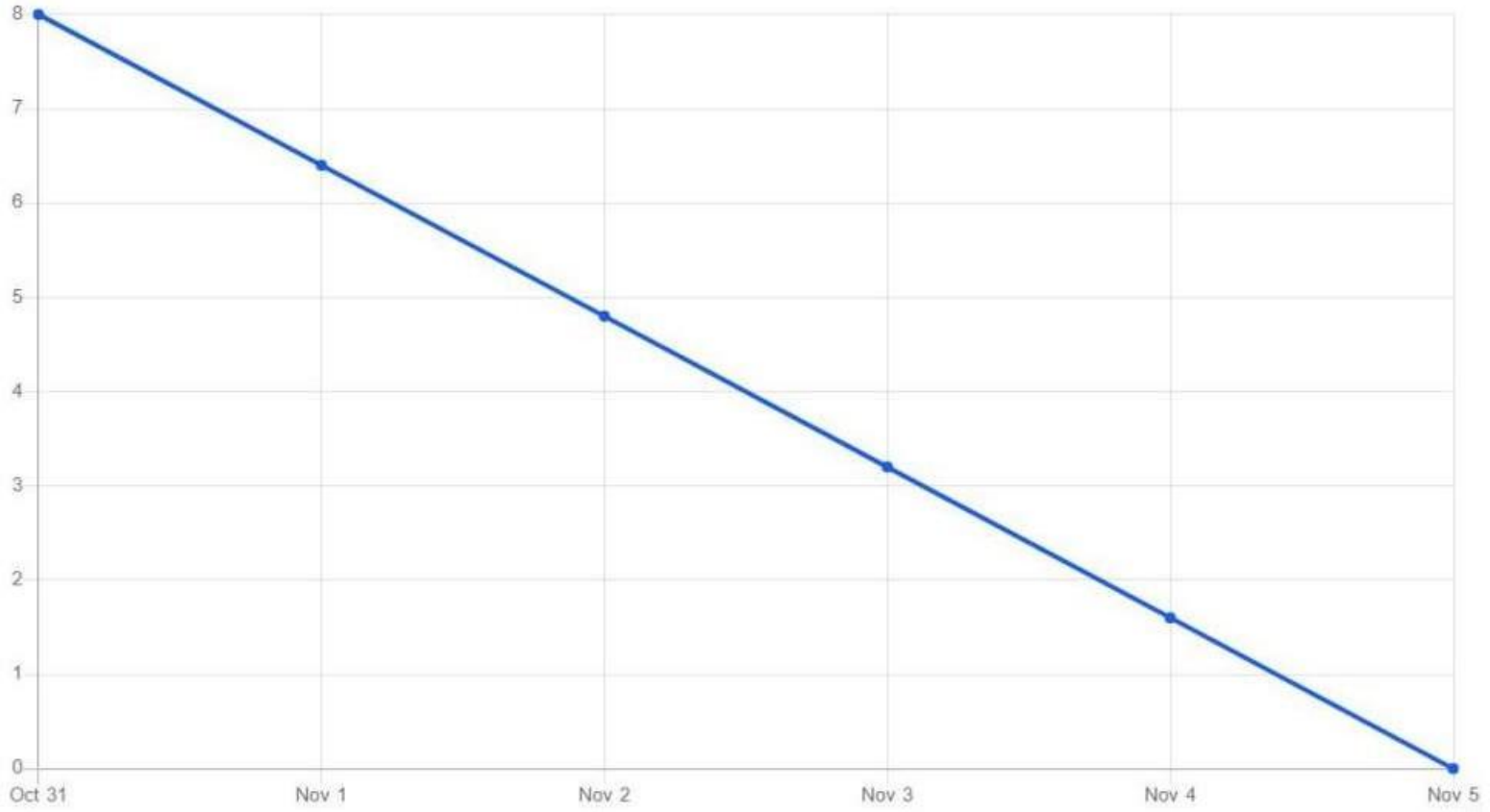
Overall Burndown Chart:



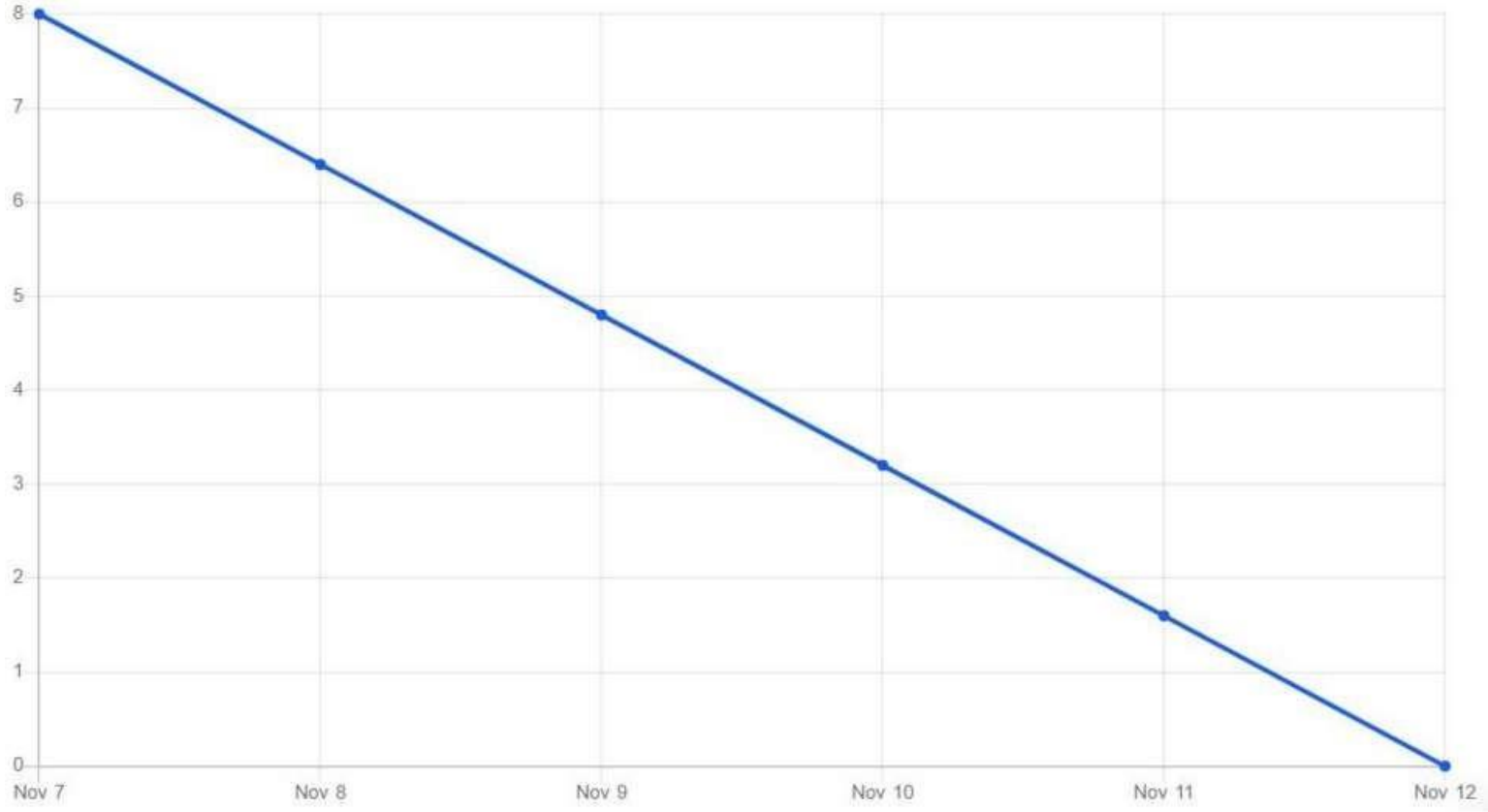
Sprint -1


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