Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	02 November 2022
Team ID	PNT2022TMID30128
Project Name	Project - Global Sales Data 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	Exploring the dataset	USN-1	Explore the data and look for similarities, patterns and outliers and to identify the relationships between different variables.	2	Low	Sankar Ram R, Ajay P
Sprint-2	Preparing the dataset	USN-2	Handling the missing values and preparing the dataset	2	Medium	Sankar Ram R, Ajay P
Sprint-3	Visualizing the dataset	USN-3	Comparing various data and analysing the trend and pattern then visualizing it.	3	High	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U
Sprint-4	Creating dashboard	USN-4	From the insights of visualization, creating interactive dashboards.	3	High	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	30	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	30	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 iteration unit (story points per day)

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

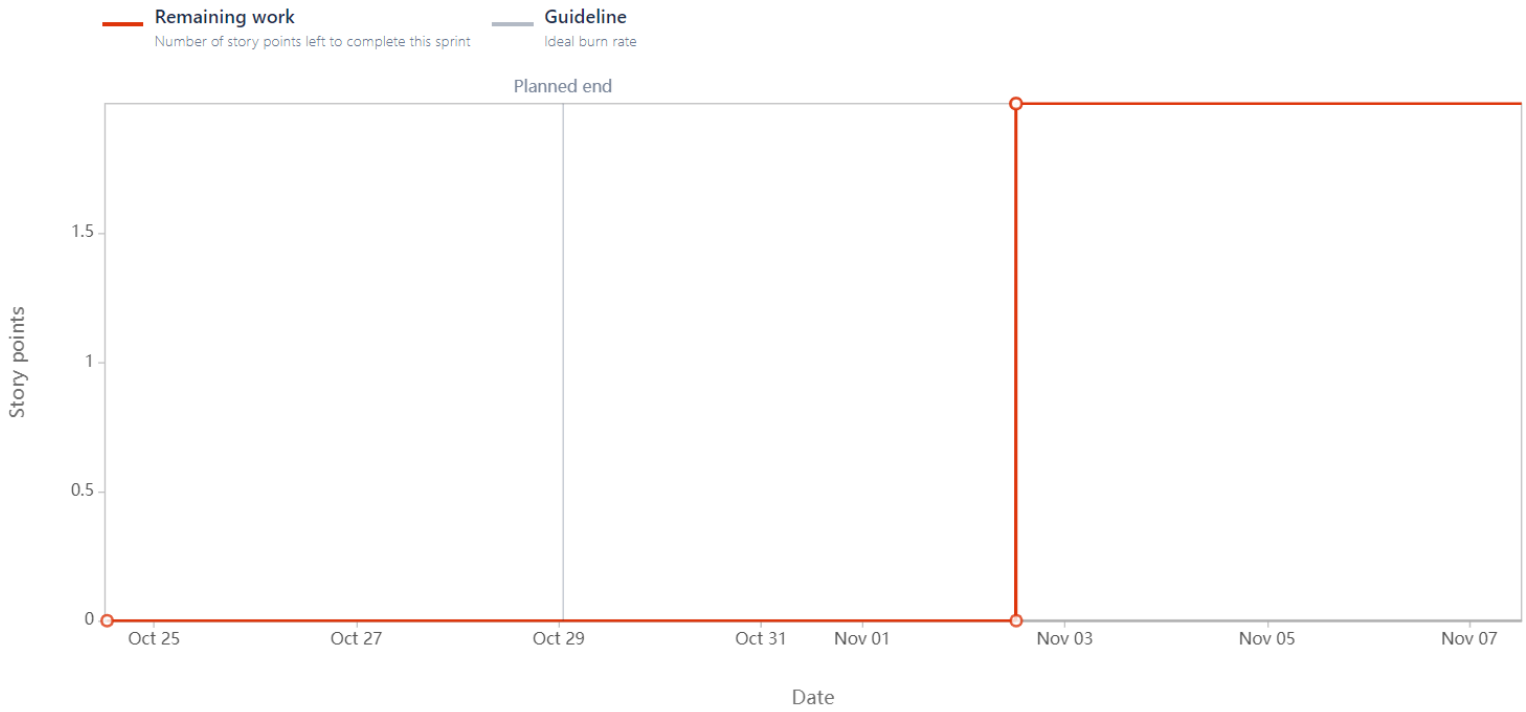
Sprint 1: AV = 20/6 = 3.333

Sprint 2: AV = 20/6 = 3.333

Sprint 3: AV = 30/6 = 5

Sprint 4: AV = 30/6 = 5

Burndown Chart:



Velocity Chart: