Project Planning Phase

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

Date	02 November 2022
Team ID	PNT2022TMID13572
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	Dataset exploration (Understanding the dataset)	USN-1	Explore the data and look for similarities, patterns and outliers and to identify the relationships between different variables. It enable to anticipate risks such as missing data, data duplicates and biases in the data. It will enable you to anticipate risks such as missing data, data duplicates and biases in the data.	2	Low	Pragatheeswari V, Navina S, Nivethika M, Shyamala R.
Sprint-2	Preparing the dataset for visualization	USN-2	In this, the dataset will be prepared for the next process by removing the unwanted values, null values, duplicate values and the missing values.	2	Medium	Pragatheeswari V, Navina S,
Sprint-3	Data visualization	USN-3	visualization used to represent information graphically, highlighting patterns and trends in data and to achieve quick insights.	3	High	Pragatheeswari V, Navina S, Nivethika M, Shyamala R.
Sprint-4	Creating dashboard, story and report	USN-4	From the visualization, we will be creating interactive dashboard will represent visual display of all the data, story and report.	3	High	Pragatheeswari V, Navina S, Nivethika M, Shyamala R.

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

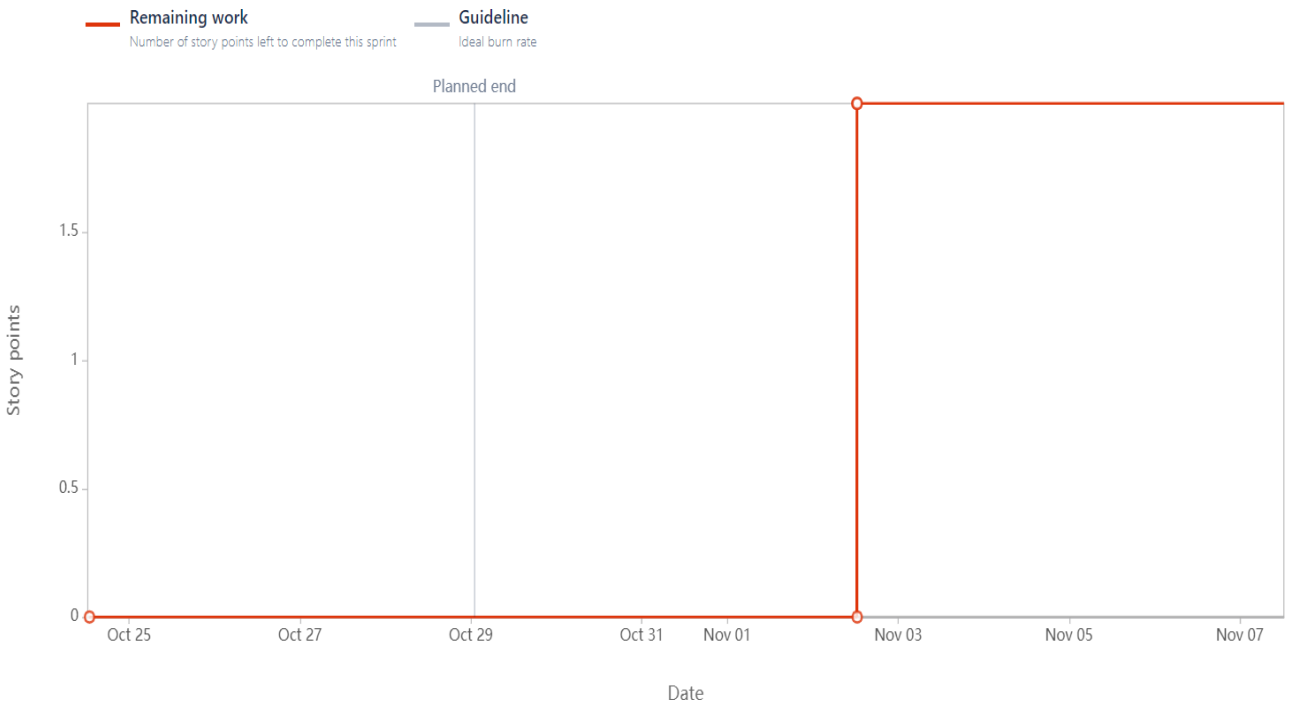
Sprint 2: AV = 20/6 = 3.333

Sprint 3: AV = 30/6 = 5

Sprint 4: AV = 30/6 = 5

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Velocity Chart: