Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID37308
Project Name	Project - Global Sales Data Analytics
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As user I need a token to activate my software	3	High	J Sivabalan
Sprint-1	Activation	USN-2	As user I want the token to work property	3	High	J Sivabalan
Sprint-2	Dashboard	USN-3	As a user I need my application to take in a CSV file	12	High	Sriram Karthick K J Sivabalan
Sprint-1		USN-4	As user I want visualization to be generated	6	High	Sriram Karthick K J Sivabalan
Sprint-3		USN-5	As user I want to enter Manual insights	12	Low	Padmaprabhan M Ashwin V
Sprint-4		USN-6	As user I want to software to learn from previous insights and try to give one on own	12	Low	J Sivabalan Sriram Karthick K Padmaprabhan M Ashwin V

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	12	6 Days	24 Oct 2022	29 Oct 2022	12	19 Nov 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	19 Nov 2022
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022	12	19 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	12	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)

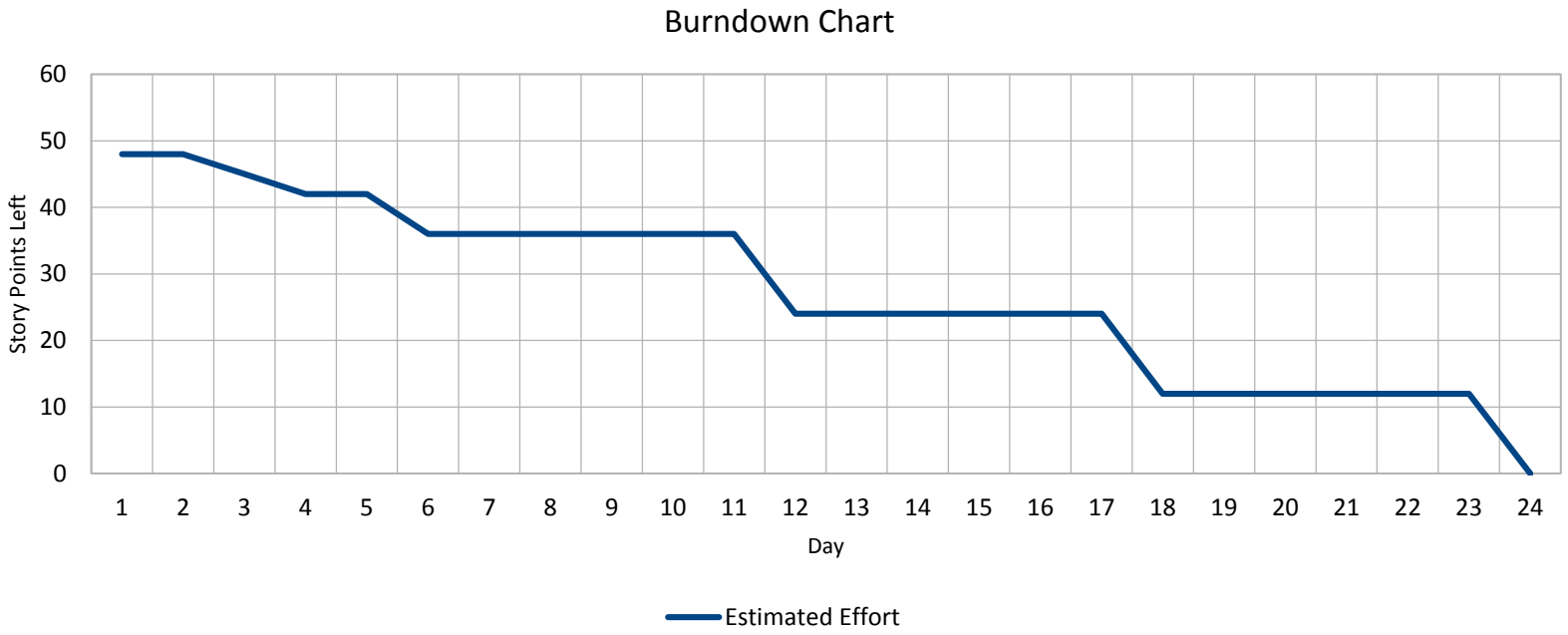
Velocity = 12 (points per sprint)
Sprint Duration = 6 days

$$AV = \frac{speed\ duration}{velocity} = \frac{12}{6} = 2$$

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.

Expected Burndown Chart:



https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
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