Project Planning Phase

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

Date	3 july 2025
Team ID	LTVIP2025TMID50344
Project Name	**Cosmetic Insights : Navigating Cosmetics Trends and Consumer Insights with Tableau**
Maximum Marks	5 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	Data Preparation	USN-1	Upload cosmetics dataset in CSV format	3	High	M2
Sprint-1	Data Cleaning	USN-2	Clean and preprocess data (handle nulls, rename columns, filter dates)	4	High	M2
Sprint-1	Initial Visualizations	USN-3	Create bar, pie, and donut charts for brand and category trends	5	High	M2
Sprint-2	Filter Integration	USN-4	Add filters (product type, age group, location) in dashboard	4	Medium	M2
Sprint-2	Story Creation	USN-5	Build Tableau story with scenes, titles, and captions	5	High	M2
Sprint-2	Dashboard Publishing	USN-6	Publish dashboard to Tableau Public and generate access link	3	High	M2
Sprint-3	Performance Testing	USN-7	Test dashboard loading and filter responsiveness	4	Medium	M2
Sprint-3	Screenshot and Documentation	USN-8	Capture dashboard screenshots and write final insights report	4	Medium	M2
Sprint-3	GitHub Folder Setup	USN-9	Organize files and submit using required folder structure	4	High	M2
Sprint-4	Final Review	USN-10	Review and validate all content before	6	High	M2


submission

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Video Demo	USN-11	Record Walkthrough demo of the dashboard and upload	6	High	M2

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 sp	6 Days	24 June 2025	25 June 2025	12 sp	25 June 2025
Sprint-2	12 sp	6 Days	26 June 2025	4 July 2025	12 sp	4 July 2025
Sprint-3	12 sp	6 Days	02 July 2025	7 July 2025	-	-
Sprint-4	12 sp	6 Days	8 July 2025	13 July 2025	-	-

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)

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

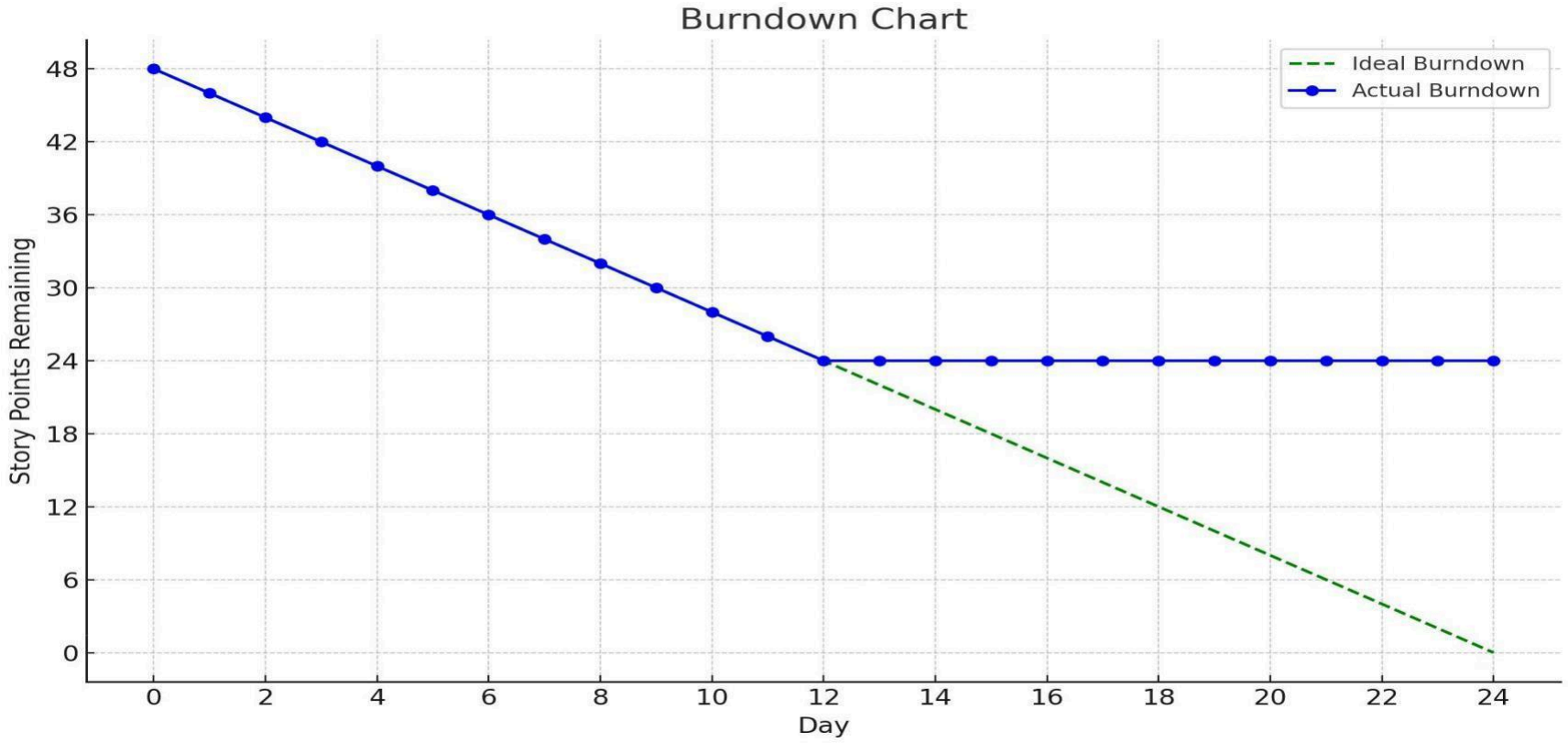
Average Velocity:

- Av = Total Completed Story points+ Number of Days

- AV=24 sp / 12 days = 2 sp /day

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

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

https://www.atlassian.com/agile/tutorials/sprints

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