Project Planning Phase

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

Date	15 February 2025
Team ID	LTVIP2026TMIDS79606
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 Collection	USN-1	Gather CSV datasets for cosmetic sales and social media sentiment feedback.	2	High	Hari sairam Reddy
Sprint-1	Data Preprocessing	USN-2	Clean datasets in Excel/Python to handle missing values and join tables via `Product_ID`.	3	High	Srikanth
Sprint-2	Sentiment Analysis	USN-3	Use IBM Watson NLU or calculated fields to categorize reviews into Positive/Negative.	3	High	Srikath
Sprint-1	Worksheet Design	USN-4	Build individual Tableau sheets for Sales Trends and Sentiment Heatmaps.	2	Medium	Hari sairam Reddy
Sprint-3	Dashboard Integration	USN-5	Combine worksheets into a cohesive dashboard with interactive product category filters.	3	High	srikanth
Sprint-3	Alert System	USN-6	Implement color-coded alerts (Red) for products with sentiment scores below 2.5	2	Medium	srikanth
Sprint-4	Storyboarding	USN-7	Create a Tableau "Story" to narrate the link between negative buzz and sales dips.	2	Low	Hari sairam Reddy
Sprint-4	Final Testing	USN-8	Validate data accuracy between the source CSV and the final Tableau visualization.	1	High	Hari sairam Reddy

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	5	7 Days	25 Dec 2025	01 Jan 2026	5	02 jan 2026
Sprint-2	5	7 Days	3 Jan 2026	8 Jan 2026	5	9 jan 2026
Sprint-3	5	7 Days	10 Jan 2026	17 Jan 2026	5	11 jan 2026
Sprint-4	3	7 Days	12 Jan 2026	19 Jan 2026	3	20 jan 2026

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)

Average Velocity = 4.5 SP/Sprint

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

https://www.atlassian.com/agile/project-management/estimation

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