

Project Planning Phase

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

Date	24 June 2025
Team ID	LTVIP2025TMID49745
Project Name	Cosmetic insights:Navigating Cosmetic Trends and Consumer insights with Tableau
Maximum Mar	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	As an analyst, I want to collect cosmetic product sales and consumer demographic data from public datasets.	2	High	Member 1
Sprint-1	Data Cleaning & Prep	USN-2	As an analyst, I will clean and format the dataset for compatibility with Tableau.	2	High	Member 2
Sprint-1	Dashboard Setup	USN-3	As a user, I can see a basic layout with sales, product lines, and category filters.	3	High	Member 3
Sprint-2	Consumer Trends	USN-4	As a user, I want to see which product categories are trending based on region.	4	Medium	Member 4
Sprint-2	Visual Analytics	USN-5	As a user, I can interact with charts like bar, pie, and bubble to understand patterns.	4	High	Member 1
Sprint-3	Insights Summary	USN-6	As a business user, I can download a report summarizing consumer behavior and trends from the dashboard.	2	low	Member 2
Sprint-3	Export & Sharing	USN	As a user, I can export visuals to PDF for stakeholder presentation	2	Medium	Member 3

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Final Testing	USN-8	As a tester, I will ensure that all dashboards function across all filters without error.	3	High	Member 4
Sprint-4	Feedback & Iteration	USN-9	As a user, I can submit feedback and the dashboard will be updated accordingly.	3	Medium	Member 1

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	8	3 Days	19 June 2025	21 June 2025	8	21 June 2025
Sprint-2	8	3 Days	2 June 2025	24 June 2025	8	24 June 2025
Sprint-3	4	2 Days	25 June 2025	26 June 2025	4	26 June 2025
Sprint-4	6	2 Days	27 June 2025	28 June 2025	6	28 June 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)

Total Story Points Completed = $8 + 8 + 4 + 6 = 26$

Total Duration = 10 days

Average Velocity = $26 / 10 = 2.6$ story points/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.

Day	Date	Story Points Remaining
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Day 0	19 June	26
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Day 3	22 June	18
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Day 6	25 June	10
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Day 8	27 June	6
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Day 10	28 June	0
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