

Project Planning Phase

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

Date	15 June 2025
Team ID	LTVIP2025TMID47440
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	Dashboard	USN-1	As a user, I can view key cosmetics metrics on the dashboard.	5	High	Member A
Sprint-1	Product Filtering	USN-2	As a user, I can filter products by skin type.	6	High	Member B
Sprint 1	Data Upload	USN-3	As an admin, I can upload cosmetic product data.	4	Low	Member C
Sprint-1	User Profile Setup	USN-4	As a user, I can create and edit my skincare profile.	5	Medium	Member A
Sprint 2	Skin Type Recommendation	USN-5	As a user, I receive recommendations based on my skin type.	8	High	Member B
Sprint 2	Brand Popularity Insights	USN-6	As a user, I can see trending brands based on user rating.	5	Medium	Member C
Sprint 2	Ranking Visualization	USN-7	As a user, I can view product rankings visually.	7	Low	Member A
Sprint 3	Ingredient Analysis	USN-8	As a user, I can analyze key ingredients in cosmetics.	6	High	Member B

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 3	Search Engine	USN-9	As a user, I can search for a cosmetic product using keywords.	6	Medium	Member C
Sprint 3	Comparison Tool	USN-10	As a user, I can compare products across brands and ingredients.	8	Low	Member A
Sprint 4	Export Report	USN-11	As a user, I can download personalized reports of cosmetic recommendations.	10	Medium	Member B
Sprint 4	Review Analysis	USN-12	As a user, I can view sentiment analysis on product reviews.	10	High	Member C

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	2025-06-01	2025-06-06	18	2025-06-06
Sprint-2	20	6 Days	2025-06-07	2025-06-12	15	2025-06-12
Sprint-3	20	6 Days	2025-06-13	2025-06-18	10	2025-06-18
Sprint-4	20	6 Days	2025-06-19	2025-06-24	20	2025-06-24

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)

$$AV = 63/24 = 2.625 \text{ story points per day}$$

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.

