# Project Planning Phase

## Project Planning Template(Product Backlog , Sprint Planning , Stories ,Story Points)

| Date Id | 28 June 2025 |
|---|---|
| Team Id | LTVIP2025TMID50532 |
| Project Name | **Cosmetic Insights :** Navigation cosmetics trends and consumer insights using Tableau |
| Maximum Marks | 5 Marks |

**Product Backlog , Sprint Schedule and Estimation(4marks)**

| Sprint | Fuctional Requirement (Epic) | User Story Number | User Story/Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint- 1 | Data Collection | USN-1 | As a team, we collect relevant cosmetics data (brands, reviews) | 2 | High | MSP Kishore |
| Sprint- 1 | Data Collection | USN-2 | As a team, we load and organize the collected data | 1 | High | MSP Kishore |
| Sprint- 1 | Data Preprocessing | USN-3 | As a team, we clean missing values in the dataset | 3 | High | MSP Kishore |
| Sprint- 2 | Data Preprocessing | USN-4 | As a team, we handle categorical data for analysis | 2 | Medium | MV Iswarya |
| Sprint- 1 | Model & Insights | USN-5 | As a team, we build the Tableau dashboards | 5 | High | MSP Kishore |

| Sprint- 3 | Model & Insights | USN-6 | As a team, we test the dashboards and validate insights | 3 | High | P Navya Sri |
|---|---|---|---|---|---|---|
| Sprint- 2 | Deployment | USN-7 | As a team, we design working HTML pages for embedding | 3 | Medium | MV Iswarya |
| Sprint- 3 | Deployment | USN-8 | As a team, we deploy the dashboards online using Flask | 5 | Medium | P Navya Sri |

## Total Story Points:

Sprint-1: 8

Sprint-2: 16

Total: 24

## 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 | 5 days | 10 June 2025 | 20 June 2025 | 8 | 20June 2025 |
| Sprint 2 | 8 | 5 days | 12 June 2025 | 22 June 2025 | 8 | 23 June 2025 |
| Sprint 3 | 8 | 5 days | 15 June 2025 | 25 June 2025 | 8 | 28 June 2025 |

**Velocity:**

Total Story Points = 24

Number of Sprints = 3

Velocity = 24 / 3 = 8 Story Points per Sprint


**Average Velocity per Day:**

Sprint Duration = 10 Days

Velocity per Day = 8 / 5 = 1.6 Story Points per Day