**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 16 June 2025 |
| Team ID | LTVIP2025TMID49212 |
| Project Name | Cosmetic Insights : Navigating Cosmetics Trends and Consumer Insights with Tableau |
| Maximum Marks | 5 Marks |

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

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | User Access | USN-1 | As a user, I can register with email and password to access Cosmetic Insights. | 2 | High | K.Lahari  K.Affifa  K.naseer  K.Imran |
| Sprint-1 | User Access | USN-2 | As a user, I receive a confirmation email after successful registration. | 1 | High | K.Lahari  K.Affifa  K.naseer  K.Imran |
| Sprint-2 | Data Ingestion | USN-3 | As a developer, I can connect APIs and import cosmetic market and product review data. | 3 | High | K.Lahari  K.Affifa  K.naseer  K.Imran |
| Sprint-2 | Data Processing | USN-4 | As a data analyst, I can clean and process imported cosmetic data using Python scripts. | 3 | Medium | K.Lahari  K.Affifa  K.naseer  K.Imran |
| Sprint-3 | Visualization | USN-5 | As a user, I can view dashboards showing consumer behavior and trend analytics. | 5 | High | K.Lahari  K.Affifa  K.naseer  K.Imran |
| Sprint-4 | Filter & Drilldown | USN-6 | As a user, I can filter visualizations by product category, demographic, or brand. | 4 | High | K.Lahari  K.Affifa  K.naseer  K.Imran |
| Sprint-4 | Notification | USN-7 | As a user, I can receive alerts about sudden shifts in consumer preferences. | 3 | Medium | K.Lahari  K.Affifa  K.naseer  K.Imran |
| Sprint-5 | Admin Panel | USN-8 | As an admin, I can manage data sources and control user access permissions. | 4 | High | K.Lahari  K.Affifa  K.naseer  K.Imran |

**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 | 26 May 2025 | 31 may 2025 | 20 | 25 May 2025 |
| Sprint-2 | 18 | 6 Days | 02 Jun 2025 | 07 Jun 2025 | 17 | 02 Jun 2025 |
| Sprint-3 | 22 | 6 Days | 09 Jun 2025 | 14 Jun 2025 | 20 | 09 Jun 2025 |
| Sprint-4 | 20 | 6 Days | 16 Jun 2025 | 21 Jun 2025 | 18 | 16 Jun 2025 |
| Sprint-5 | 18 | 4 Days | 23 Jun 2025 | 26 Jun 2025 | 15 | 23 Jun 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)

Average Velocity=53.33+2.83+3.33+3.00+3.75​=516.24​=3.25 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](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). 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.visual-paradigm.com/scrum/scrum-burndown-chart/)

[**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)

**Reference:**

[**https://www.atlassian.com/agile/project-management**](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/how-to-do-scrum-with-jira-software)

[**https://www.atlassian.com/agile/tutorials/epics**](https://www.atlassian.com/agile/tutorials/epics)

[**https://www.atlassian.com/agile/tutorials/sprints**](https://www.atlassian.com/agile/tutorials/sprints)

[**https://www.atlassian.com/agile/project-management/estimation**](https://www.atlassian.com/agile/project-management/estimation)

[**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)