**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID49157 |
| 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 | |  | | --- | | Data Collection |  |  | | --- | |  | | USN-1 | |  | | --- | | As a team, we collect relevant cosmetics data (brands, reviews) |  |  | | --- | |  | | 2 | High | Karthik (TL)  Uday Kiran |
| Sprint-1 | |  | | --- | | Data Collection |  |  | | --- | |  | | USN-2 | |  | | --- | | As a team, we load and organize the collected data |  |  | | --- | |  | | 1 | High | Karthik (TL)  Uday Kiran |
| Sprint-2 | |  | | --- | | Data Preprocessing |  |  | | --- | |  | | USN-3 | |  | | --- | | As a team, we clean missing values in the dataset |  |  | | --- | |  | | 3 | High | Karthik (TL)  Uday Kiran |
| Sprint-1 | |  | | --- | | Data Preprocessing |  |  | | --- | |  | | USN-4 | |  | | --- | | As a team, we handle categorical data for analysis |  |  | | --- | |  | | 2 | Medium | Karthik (TL)  Uday Kiran |
| Sprint-2 | |  | | --- | | Model & Insights |  |  | | --- | |  | | USN-5 | |  | | --- | | As a team, we build the Tableau dashboards |  |  | | --- | |  | | 5 | High | Karthik (TL)  Uday Kiran |
| Sprint-2 | |  | | --- | | Model & Insights |  |  | | --- | |  | | |  | | --- | | USN-6 |  |  | | --- | |  | | |  | | --- | | As a team, we test the dashboards and validate insights | | 3 | High | Karthik (TL)  Uday Kiran |
| |  | | --- | | Sprint-2 |  |  | | --- | |  | | |  | | --- | | Deployment |  |  | | --- | |  | | |  | | --- | | USN-7 |  |  | | --- | |  | | |  | | --- | | As a team, we design working HTML pages for embedding |  |  | | --- | |  | | 3 | |  | | --- | | Medium |  |  | | --- | |  | | Karthik (TL)  Uday Kiran |
| |  | | --- | | Sprint-2 |  |  | | --- | |  | | |  | | --- | | Deployment |  |  | | --- | |  | | |  | | --- | | USN-8 |  |  | | --- | |  | | |  | | --- | | As a team, we deploy the dashboards online using Flask |  |  | | --- | |  | | 5 | High | Karthik (TL)  Uday Kiran |

**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 | |  | | --- | | 15 June 2025 |  |  | | --- | |  | | 8 | |  |  | | --- | --- | | |  | | --- | |  | |  |  |  | | --- | --- | |  | 15 June 2025 | |
| Sprint-2 | |  | | --- | |  |  |  | | --- | | 16 | | |  | | --- | | 5 Days |  |  | | --- | |  | | |  | | --- | | 16 June 2025 |  |  | | --- | |  | | |  | | --- | | 20 June 2025 |  |  | | --- | |  | | 16 | 20 June 2025 |

**Velocity:**Total Story Points = 24  
Number of Sprints = 2Velocity = 24 / 2 = 12 Story Points per Sprint

**Average Velocity per Day:**Sprint Duration = 5 Days  
Velocity per Day = 12 / 5 = 2.4 Story Points per Day

**Burndown Chart:**

