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

| Date | 24 june 2025 |
|---|---|
| Team ID | LTVIP2025TMID51515 |
| Project Name | Comprehensive analysis and dietary strategies with tableu:A college food choices case study |
| 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 | Data collection and extraction | USN-1 | Collect food consumption data | 3 | High | Joshna |
| Sprint-1 | Data understanding | USN-2 | Understand and clean data | 2 | Medium | Joshna |
| Sprint-1 | Tool setup | USN-3 | Connect dataset to tableau | 2 | Medium | Joshna |
| Sprint-2 | Data preparation | USN-1 | Format and transform data for analysis | 3 | High | Gowtham |
| Sprint-3 | Visualization design | USN-1 | Create unique dietary visualization | 3 | High | Gowtham |
| Sprint-3 | Dashboard creation | USN-1 | Build Tableau dashboard | 3 | HIgh | Manoj |
| Sprint-4 | Insights and storytelling | USN-1 | Create compelling food insights story | 2 | Medium | Kesav |
| Sprint-4 | Performance review | USN_1 | Testing dashboard performance | 2 | Medium | Kesav |

**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 | 7 | 6 Days | 16 june 2025 | 22 june2025 | 7 | 22 june 2025 |
| Sprint-2 | 3 | 6 Days | 18 june 2025 | 24 june 2025 | 3 | 24 june 2025 |
| Sprint-3 | 6 | 6 Days | 20 june 2025 | 26 june 2025 | 6 | 26 june 2025 |
| Sprint-4 | 4 | 6 Days | 21 june 2025 | 27 june 2025 | 4 | 27 june 2025 |
| | | | | | | |
| | | | | | | |
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| | | | | | | |

**Velocity:**

Velocity=Total story points completed/number of sprints

Total story points =7+3+6+4
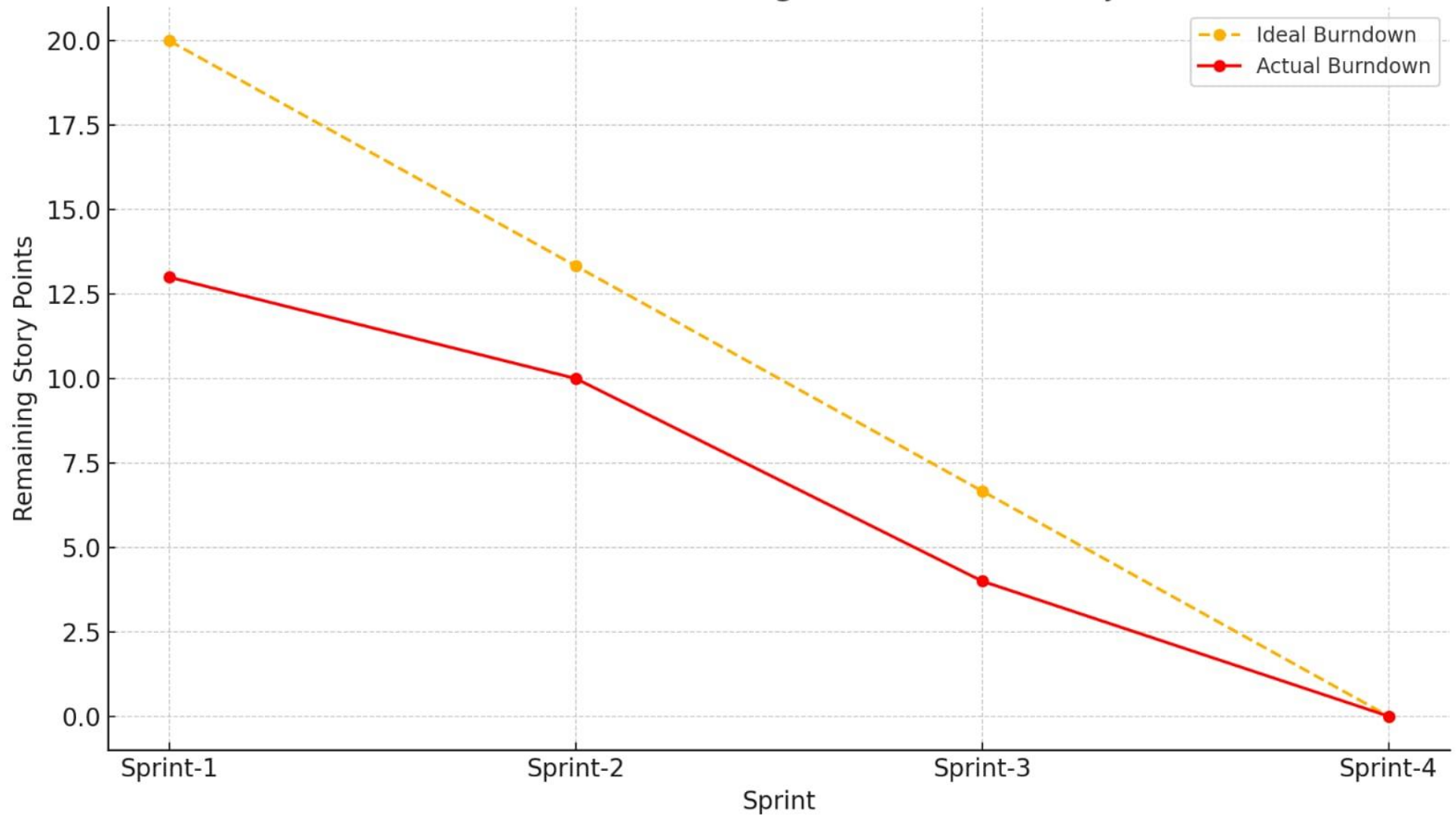
=4

Number of sprints =4

Velocity = 20/4

= 5

**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.

Burndown Chart - College Food Choices Project

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

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)

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[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)