

Project Planning Phase

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

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| Date | 25 June 2025 |
| Team ID | LTVIP2025TMID21215 |
| Project Name | ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data |
| Maximum Marks | 5 Marks |

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

| print | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|---|--------------|----------|--------------|
| Sprint-1 | Dashboard widgets | USN-1 | As a user, I want to view Product sales by category on a dashboard to identify bestaligns. | 3 | High | Jyoshna |
| Sprint-1 | Dashboard widgets | USN-2 | As a user, I want to compare Product sales across different regions on a dashboard for geographic insights. | 2 | High | Hepsiba |
| Sprint-1 | Filter Options | USN-4 | As a user, I want to filter products to show only the top-rated items based on users. | 3 | Medium | Deekshita |
| Sprint-2 | Filter Options | USN-5 | As a user, I want to filter products by price range on the dashboard to find item within my budget. | 3 | High | Chandrika |
| Sprint-2 | Filter Options | USN-6 | As a user, I want to filter products by availability to ensure items are in stock when I view them. | 2 | Medium | Jyoshna |
| Sprint-2 | Filter Options | USN-7 | As a user, I want to filter products by category to narrow down choices for easier browsing. | 1 | Low | Chandrika |
| Sprint-3 | Map Integration | USN-8 | As a user, I want to view store locations on a map for better navigation. | 4 | Low | Hepsiba |

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|----------|------------------|-------|---|---|------|---------|
| Sprint-3 | Dashboard Expert | USN-9 | As a user, I want to export dashboard data to a spreadsheet for analysis and reporting. | 4 | High | Hepsiba |
|----------|------------------|-------|---|---|------|---------|

Project Tracker, Velocity & Burndown Chart: (4 Marks)

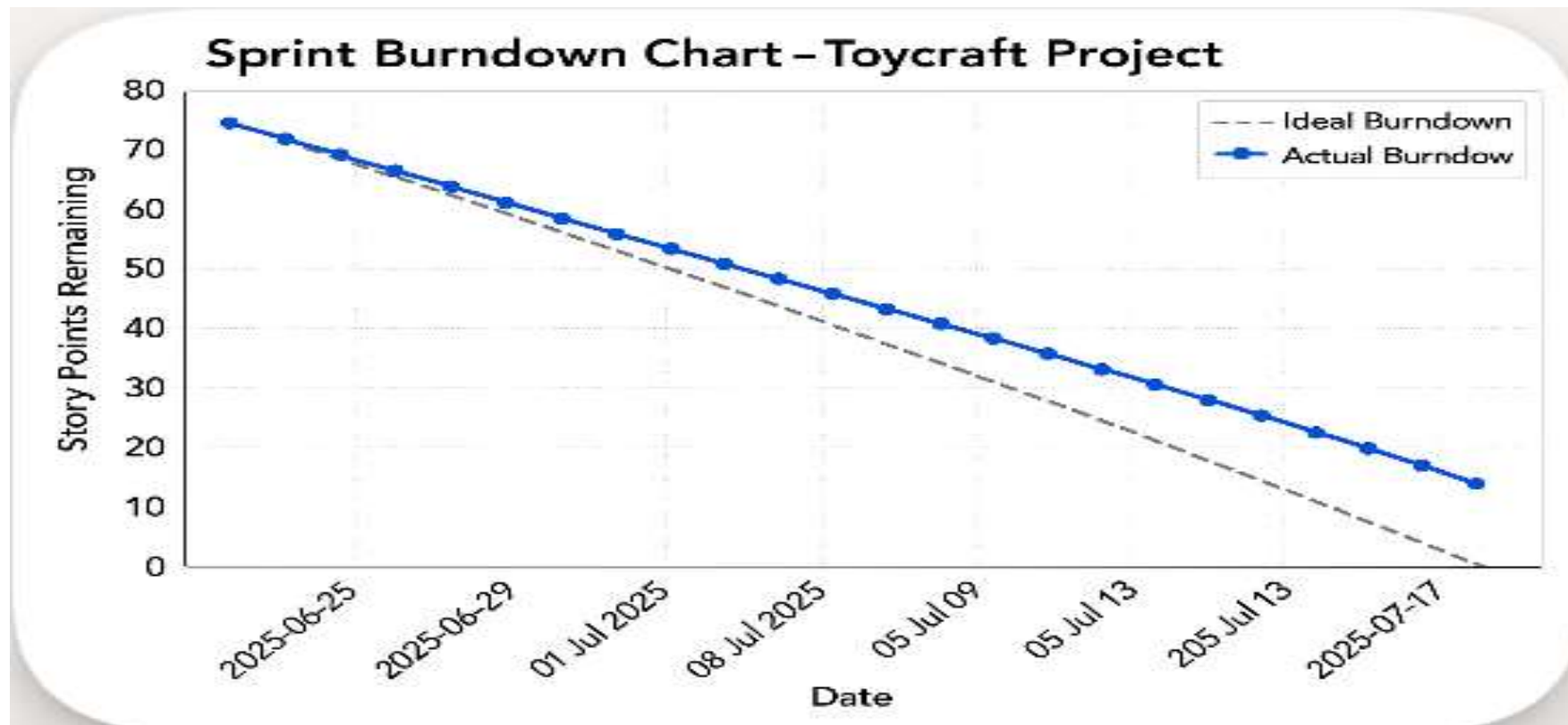
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|-----------------|--------------------|----------|-------------------|---------------------------|---|------------------------------|
| Sprint-1 | 20 | 6 days | 24 Jun 2025 | 27 Jun 2025 | 20 | 27 Jun 2025 |
| Sprint-2 | 20 | 6 days | 01 Jul 2025 | 06 Jul 2025 | — | — |
| Sprint-3 | 20 | 6 days | 08 Jul 2025 | 13 Jul 2025 | — | — |
| Sprint-4 | 20 | 6 days | 15 Jul 2025 | 20 Jul 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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:



<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/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>