

## Project Planning Phase

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

Date	25 June 2025
Team ID	LTVIP2025TMID49620
Project Name	Toy craft tales: tableau's vision into toy manufacturer data
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 Module & Registration	USN-1	- Access toy industry insights for 2005	10	High	3
Sprint-1	User Module & Access + Inventory Search	USN-2	-Make decisions using timely & relevant info	8	High	3
Sprint-1	User Module & Access + Inventory Search	USN-3	-Register/Login	6	High	3
Sprint-2	Access Control + Inventory Add	USN-4	-Add new toys to inventory	8	Low	3
Sprint-1	User Module & Access + Inventory Search	USN-5	-Search toys by Category	6	High	3
Sprint-2	Access Control + Inventory Add	USN-6	-View sales by region	6	Medium	3
Sprint-2	Access Control + Inventory Add	USN-7	-Manage user access	7	Low	3
Sprint-2	Access Control + Inventory Add	USN-8	-Monitor toy manufacturer performance	9	Medium	3

**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	30	6 Days	18 June 2025	23 June 2025	30	23 June 2025
Sprint-2	30	6 Days	24 June 2025	30 June 2025	30	30 June 2025

**Velocity:**

To calculate **velocity per sprint** and the **average velocity**, we can use the information provided in the **Project Tracker, Velocity & Burndown Chart** section.

Now,

Velocity = Total Story Points Completed in a Sprint

From the table:

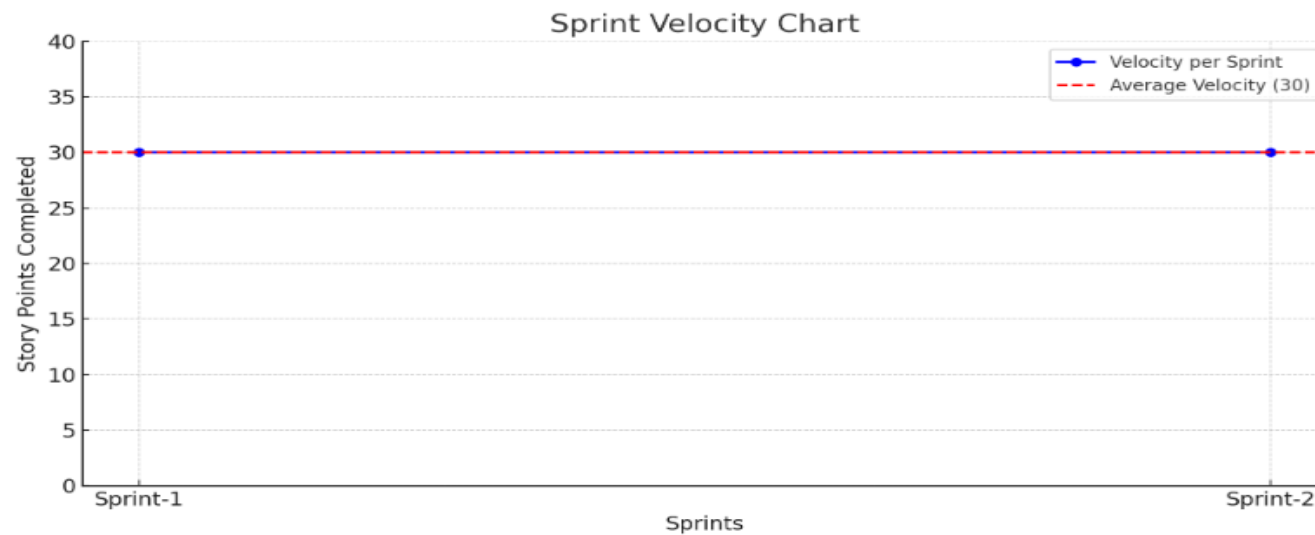
Each Sprint (Sprint-1 to Sprint-2) has:

- Story Points Completed = 30
- Duration = 6 Days

Average Velocity=  $(10+8+6+8+6+6+7+9)/2=30$  story points

### 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.



❓ **Blue line:** Story points (velocity) completed in each sprint.

❓ **Red dashed line:** The **average velocity** of 30 story points per sprint.