Project Planning Phase

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

Date	18 October 2022
Team ID	LTVIP2026TMIDS36439
Project Name	Toy craft tales: tableau's vision into toy manufacturer data
Maximum Marks	8 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 & extraction from database	USN-6	As a sales manager ,I want to see a map of sales by region so that I can identify which toy categories are trending in specific cities.	3	High	Jajjimogg ala. Gangotri
Sprint -1	Data preparation	USN-7	As a warehouse lead,I want to see real -time stock levels of best-selling toys so that I can prevent " out-of-stock "scenarios during peak seasons.	2	High	Potnuru. meghana
Sprint -2	Dashboard	USN-8	As a marketing executive, I want to filter toy sales by age group (e.g 3-5 years,6-10years)to	2	Medium	Ganthi.G opika

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			better target our next ad campaign.			
Sprint -1	Story	USN-9	As a finance officer,I want to compare the manufacturing cost vs.selling price per toy to see which products have the highest profit margins.	3	High	Gouda.Deepika
Sprint -1	Performance testing	USN-10	As a business analyst,I want to see a 6- month sales for caste based on historical data to plan raw material order for the next quarter.	5	Medium	Janapareddi.pooja
	Web integration	USN-11	As a dashboard user,I want to click on a specific toy image and see its individual performance metrics instantly.	2	Low	

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	28 Jan 2026	04 feb 2026	05 feb 2026	06 feb 2026
Sprint-2	20	6 Days	07 feb 2026	10feb 2026	12 feb 2026	14 feb 2026
Sprint-3	20	6 Days	15 feb 2026	16 feb 2026	17 feb 2026	18 feb 2026
Sprint-4	20	6 Days	20 feb 2026	22 feb 2026	24 feb 2026	26 feb 2026

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)

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

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.

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