Project Planning Phase

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

Date	27 june 2025
Team ID	LTVIP2025TMID49260
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
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 & Cleaning	USN-1	As a data analyst, I want to import and explore the Kaggle `.hyper` dataset for toy manufacturers.	3	High	(Your Names)
Sprint-1	Data Cleaning	USN-2	As a user, I want to clean, filter and prepare the dataset for Tableau use.	3	High	
Sprint-2	Visualization Design	USN-3	As a user, I want to create a bar chart showing the top 10 states by Index.	2	Medium	
Sprint-2	Time-Series Analysis	USN-4	As a user, I want to plot yearly trends of manufacturer count (2005–2016).	2	High	
Sprint-3	Metric Comparison	USN-5	As a user, I want to compare Index, Manufacturer Count and Number of Manufacturers.	2	Medium	
Sprint-3	Dashboard Storyline	USN-6	As a user, I want to combine charts into a single dashboard and design a story flow.	3	High	
Sprint-4	Export & Reporting	USN-7	As a user, I want to export the dashboard to Tableau Public and create a README.md file.	2	Medium	

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date
Sprint-1	6	5 Days	01 July 2025	05 July 2025	6	05 July 2025
Sprint-2	4	4 Days	06 July 2025	09 July 2025	4	09 July 2025
Sprint-3	5	4 Days	10 July 2025	13 July 2025	5	13 July 2025
Sprint-4	2	2 Days	14 July 2025	15 July 2025	2	15 July 2025
Sprint	**Total Story Points**	**Duration**	**Sprint Start Date**	**Sprint End Date (Planned)**	**Story Points Completed**	**Sprint Release Date**
Sprint-1	6	5 Days	01 July 2025	05 July 2025	6	05 July 2025
Sprint-2	4	4 Days	06 July 2025	09 July 2025	4	09 July 2025
Sprint-3	5	4 Days	10 July 2025	13 July 2025	5	13 July 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)

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