Project Planning Phase

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

Date	28 June 2025
Team ID	LTVIP2025TMID50995
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
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
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

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	16 June 2025	21 June 2025	6	21 June 2025
Sprint-2	4	4 Days	21 June 2025	25 June 2025	4	25 June 2025
Sprint-3	5	3 Days	25 June 2025	28 June 2025	5	28 June 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)

Average Velocity (AV)=Total DaysTotal Story Points=1215=1.25 story points/day