Project Planning Phase

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

Date	16 February 2026
Team ID	LTVIP2026TMIDS62105
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Es ma on (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Func onal Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Prepara on	USN-1	As an analyst, I want to clean and inspect the dataset for nulls or anomalies.	2	High	A1
Sprint-1	Data Prepara on	USN-2	As an analyst, I want to rename columns for easy access and remove index column.	1	Medium	A2
Sprint-2	Trend Analysis	USN-3	As a user, I want to see a line chart showing yearly changes in total manufacturers.	3	High	A1
Sprint-2	State-Level Comparison	USN-4	As a user, I want a bar chart showing top 10 states by average manufacturers.	3	High	A2
Sprint-3	Interac ve Dashboard	USN-5	As a user, I want to filter manufacturer data by year and state interac vely.	4	High	A3

Sprint-3	Visual Summary	USN-6	As a user, I want to view a heatmap showing state-wise	3	Medium	A1
Sprint	Func onal Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			performance over years.			
Sprint-4	Insights and Story	USN-7	As a presenter, I want a slide-based story showing key findings and conclusions.	4	High	A2
Sprint-4	Project Delivery & Documenta on	USN-8	As a team, we want to prepare a final report with visualiza ons and insights.	4	High	A3

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

Sprint	Total Story Points	Dura on	Start Date	End Date	Points Completed	Release Date
Sprint-1	3	6 Days	10 Jul 2025	15 Jul 2025	3	15 Jul 2025
Sprint-2	6	6 Days	16 Jul 2025	21 Jul 2025	6	21 Jul 2025
Sprint-3	7	6 Days	22 Jul 2025	27 Jul 2025	7	27 Jul 2025
Sprint-4	8	6 Days	28 Jul 2025	2 Aug 2025	8	2 Aug 2025

Velocity:

Imagine we have a 10-day sprint dura on, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per itera on unit (story points per day)

Velocity = Total Story Points Completed / Number of Sprints
= (3 + 6 + 7 + 8) / 4
= 6.0 story points per sprint