Project Planning Phase

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

Date	28 June, 2025
Team ID	LTVIP2025TMID49302
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
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 Preparation	USN-1	As a developer, I want to clean and preprocess the economic freedom data to ensure accurate visualization.	3	High	**Indrasena Reddy**
Sprint-1	Dashboard Design	USN-2	As a designer, I want to create a base layout in Tableau to Visualize Country-Level Economic Indicators.	2	High	1-5 (Jahnavi) 6-11 (Indrasena Reddy)
Sprint-2	Interactivity Features	USN-3	As a user, I want to filter by region and income group to explore different perspectives interactively.	3	High	1-5 (Jahnavi) 6-11 (Indrasena Reddy)
Sprint-2	Storytelling Layer	USN-4	As a viewer, I want to understand the insight behind the charts through concise storytelling captions.	2	Medium	1-5 (Jahnavi) 6-11 (Indrasena Reddy)
Sprint-3	Summarization	USN-5	As a user, I want to view summary cards that contextualize each country's economic score.	3	Medium	1-5 (Jahnavi) 6-11 (Indrasena Reddy)
Sprint-4	Predictive Modelling	USN-6	As a analyst, I want to see forecast trends in economic freedom across selected countries.	4	Low	1-5 (Jahnavi) 6-11 (Indrasena Reddy)

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

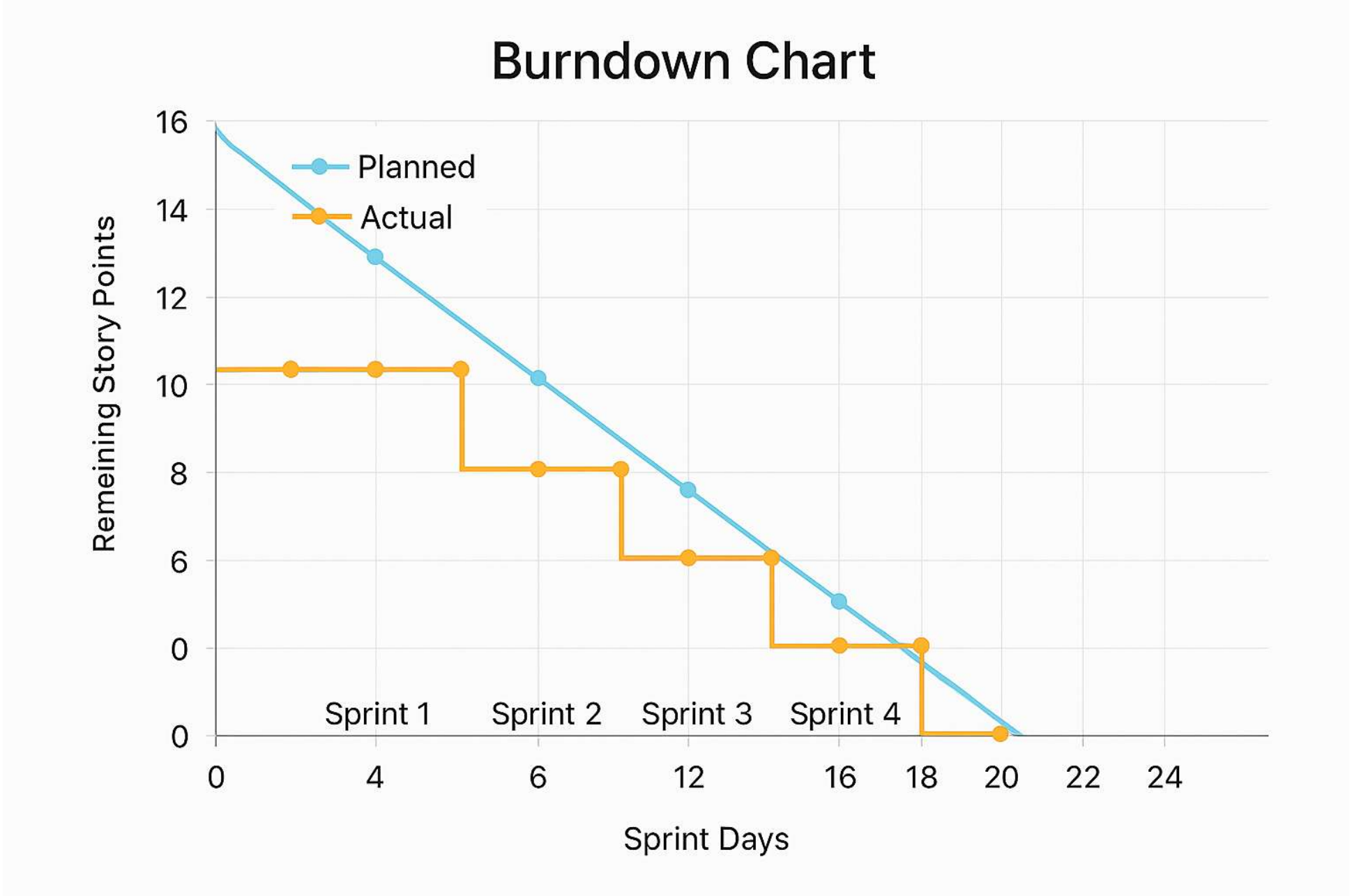
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	01 June, 2025	06 June, 2025	18	07 June, 2025
Sprint-2	20	6 Days	08 June, 2025	13 June, 2025	15	15 June, 2025
Sprint-3	20	6 Days	16 June, 2025	21 June, 2025	16	23 June, 2025
Sprint-4	20	6 Days	22 June, 2025	27 June, 2025	18	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)

AV = SPRINT DURATION / VELOCITY = 20 / 4 = ~5

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.


Burndown Chart
Remeining Story Points
16
14
12
10
8
6
0
0
Planned
Actual
Sprint 1
Sprint 2
Sprint 3
Sprint 4
0
4
6
12
16
18
20
22
24
Sprint Days