Project Planning Phase

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

Date	29 June 2025
Team ID	LTVIP2025TMID51596
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau
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 user, I want a clean UNESCO dataset with categories, regions, and site info for dashboard building	2	High	Joshitha
Sprint-1	Visual Creation (Worksheets)	USN-2	As a user, I want to see site distributions by country and region using bar charts and treemaps	2	High	Pooja

Sprint-1	Dashboard Design	USN-3	As a user, I want to interact with a dashboard showing top countries and their heritage site types	2	Medium	Ashraf
Sprint-2	Risk Analysis Visualization	USN-4	As a user, I want to view which UNESCO sites are at risk through pie charts and bubble charts	2	High	Joshitha
Sprint-2	Timeline Analysis	USN-5	As a user, I want to explore inscription trends over time with line/area charts	2	Medium	Pooja
Sprint-2	Dashboard Integration	USN-6	As a user, I want all charts integrated into a cohesive dashboard for exploration	2	High	Ashraf
Sprint-3	Storytelling (Narrative View)	USN-7	As a user, I want a guided story that connects dashboards logically	2	High	Joshitha
Sprint-3	Testing & Deployment	USN-8	As a user, I want the dashboard tested for responsiveness and published on Tableau Public	1	High	Ashraf

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

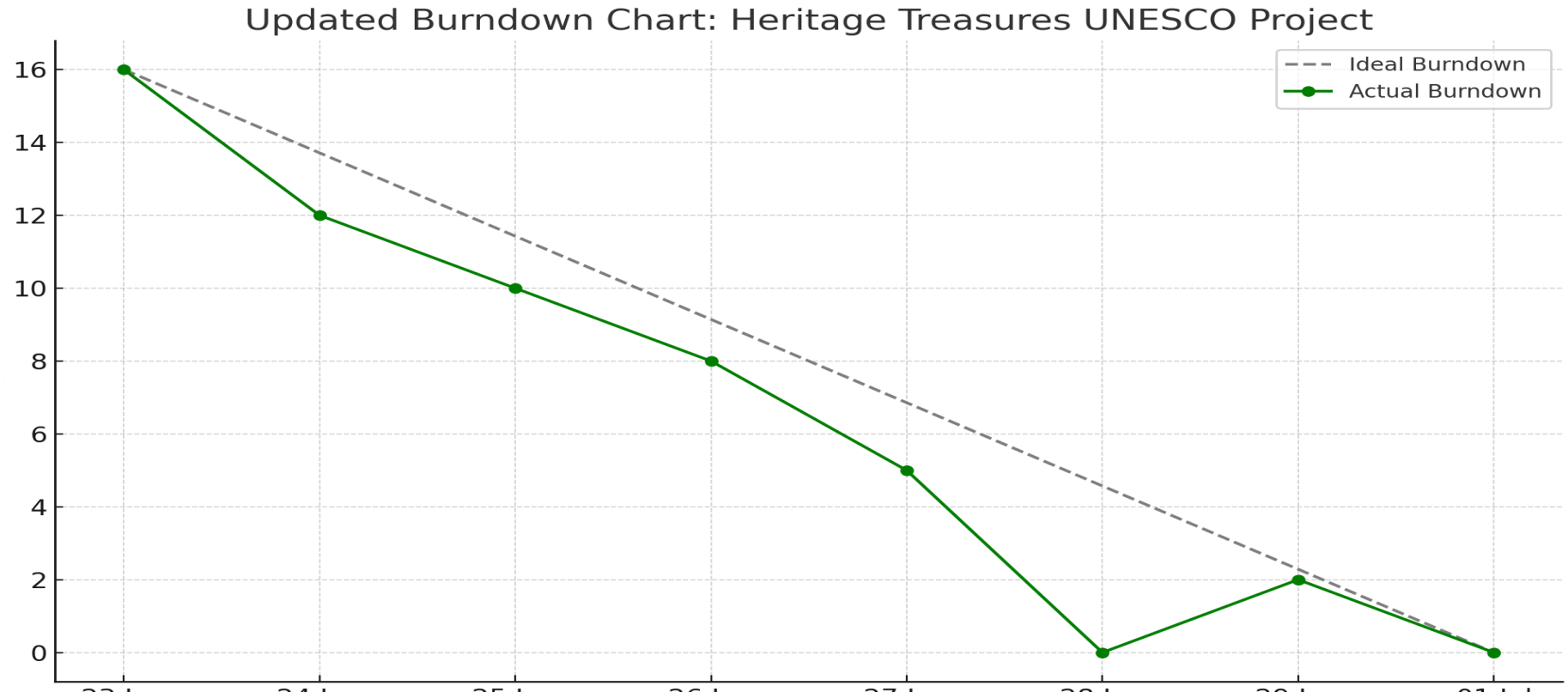
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	6	3 Days	23 Jun 2025	25 Jun 2025	6	25 Jun 2025
Sprint-2	6	3 Days	26 Jun 2025	28 Jun 2025	6	28 Jun 2025
Sprint-3	4	3 Days	29 Jun 2025	01 Jul 2025	4	01 Jul 2025

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)

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

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
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