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

Date	27 June 2025
Team ID	LTVIP2025TMID51231
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	Dashboard Access	USN-1	As a user, I can access the dashboard to explore heritage data.	2	High	
Sprint-1		USN-2	As a user, I can filter sites by region, category, and year.	3	High	
Sprint-1		USN-3	As a user, I can view site-level details by clicking on data points.	2	Medium	

Sprint						
Sprint-2	Visualization	USN-5	As a user, I can view charts (bar, tree map, maps, line).	5	High	
Sprint-2		USN-6	As a user, I can see forecasted trends in inscription data.	3	Medium	
Sprint-3	Export & Share	USN-7	As a user, I can download or share charts for reports.	2	Medium	
Sprint-3		USN-8	As a user, I can share dashboard links with peers.	2	Low	

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	20	6 Days	11 June 2025	16 June 2025	20	16 June 2025
Sprint-2	20	6 Days	17 June 2025	22 June 2025		
Sprint-3	20	6 Days	23 June 2025	28 June 2025		
Sprint-4	20	6 Days	29 June 2025	04 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)

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

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