

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

Date	2July2025
TeamID	LTVIP2025TMID51017
ProjectName	HeritageTreasures:AnIn-DepthAnalysisof UNESCO World Heritage Sites in Tableau
MaximumMarks	5 Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks):

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
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-2	Visualization	USN-5	As a user, I can view charts (bar, treemap, 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	2	Medium	

			chartsforreports.			
Sprint-3		USN-8	As a user, I can share dashboard links with peers.	2	Low	

ProjectTracker,Velocity &Burndown Chart:(4 Marks):

Sprint	TotalStoryPoints	Duration	SprintStartDate	SprintEndDate(Planned)	StoryPoints Completed	SprintReleaseDate(Actual)
Sprint-1	20	6 Days	11 June2025	16 June2025	20	16 June2025
Sprint-2	20	6Days	17June2025	22June2025		
Sprint-3	20	6Days	23June2025	28June2025		
Sprint-4	20	6Days	29June2025	04July2025		

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)

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

Burndown Chart:

A burndown 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, burndown charts can be applied to any project containing measurable progress over time.

Burndown Chart

