Project Planning Phase

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

Date	29 June 2025
Team ID	LTVIP2025TMID50324
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 Understanding	USN-1	As a data analyst, I want to collect the UNESCO Heritage Sites dataset.	2	High	P. Akhila
Sprint-1	Data Preprocessing	USN-2	As a data analyst, I want to clean and preprocess the dataset.	3	High	P. Akhila
Sprint-1	Data Analysis	USN-3	As a data analyst, I want to explore trends by region and site type.	2	Medium	P. Akhila
Sprint-2	Visualization	USN-4	As a user, I want to visualize global site distribution on a map.	3	High	P. Akhila
Sprint-2	Visualization	USN-5	As a user, I want bar charts showing number of sites by country/year.	3	High	P. Akhila
Sprint-2	Insights	USN-6	As a user, I want to identify trends in inscription years and site types.	3	Medium	P. Akhila
Sprint-2	Deployment	USN-7	As a team, we want to publish and share the Tableau dashboard effectively.	4	High	P. Akhila

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	7	5 Days	19 June 2025	24 June 2025	7	19 June 2025
Sprint-2	13	5 Days	24 June 2025	29 June 2025	13	24 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)

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

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

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts