

Project Planning Phase

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

Date	31 january 2026
Team ID	LTVIP2026TMIDS24132
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites In Tableau
Maximum Marks	8 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	USN-1	As a user, I can collect UNESCO World Heritage datasets (CSV/JSON) for analysis	2	High	All
Sprint-2	Data Preprocessing	USN-2	As a user, I can clean missing values and standardize country/category fields	3	High	All
Sprint-2	Data Structuring	USN-3	As a user, I can create calculated fields (site count, category classification)	3	Medium	All
Sprint-3	Visualization Development	USN-4	As a user, I can create a global interactive map of heritage sites	5	High	All
Sprint-3	Trend Analysis	USN-5	As a user, I can analyze year-wise inscription trends	4	High	All
Sprint-4	Dashboard & Stories	USN-6	As a user, I can design interactive dashboards with filters (Year, Region, Category)	4	Medium	All
Sprint-5	Endangered Site Analysis	USN-7	As a user, I can identify and visualize endangered heritage sites	7	Medium	All
Sprint-6	Documentation & Deployment	USN-8	As a user, I can publish the dashboard to Tableau Public and prepare project documentation	3	Medium	All

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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	2 Day	28 January 2026	29 January 2026	20	29 January 2026
Sprint-2	20	2 Day	30 January 2026	31 January 2026	20	31 January 2026
Sprint-3	20	2 Day	1 February 2026	2 February 2026	20	2 February 2026
Sprint-4	20	2 Day	3 February 2026	4 February 2026	20	4 February 2026
Sprint-5	20	2 Day	5 February 2026	6 February 2026	20	6 February 2026

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)

$$Velocity = \frac{20}{10} = 2$$

Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau

A burndown chart shows the remaining work over time for the UNESCO World Heritage Sites analysis project. It compares the actual progress (blue line) with the ideal progress (red line) towards the goal of 80 hours in 5 days.

