

## Project Planning Phase

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

Date	25 February 2026
Team ID	LTVIP2026TMIDS35848
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)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	As a Team Lead, I will collect UNESCO World Heritage dataset for analysis.	2	High	Ravilla Charan
Sprint-1	Data Collection	USN-2	As a Team Lead, I will load dataset into Tableau environment.	1	High	Ravilla Charan
Sprint-1	Data Preparation	USN-3	As a Team Lead, I will handle missing values in dataset.	3	High	Ravilla Charan
Sprint-1	Data Preparation	USN-4	As a Team Lead, I will fix data inconsistencies.	3	High	Ravilla Charan
Sprint-1	Support	USN-5	As a team member, I will assist in data verification.	1	Low	Jeedi Chennaiah

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Data Visualization	USN-6	As a Team Lead, I will create bar chart for country comparison.	2	High	Ravilla Charan
Sprint-2	Data Visualization	USN-7	As a Team Lead, I will create pie chart for category distribution.	2	High	Ravilla Charan
Sprint-2	Data Visualization	USN-8	As a Team Lead, I will create line chart for trend analysis.	2	High	Ravilla Charan
Sprint-2	Data Visualization	USN-9	As a Team Lead, I will build global map visualization.	4	High	Ravilla Charan
Sprint-2	Support	USN-10	As a team member, I will assist in formatting visuals.	2	Low	A Dinesh Yadav

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Dashboard Development	USN-11	As a Team Lead, I will develop interactive dashboard.	5	High	Ravilla Charan
Sprint-3	Enhancement	USN-12	As a Team Lead, I will add filters and parameters.	3	High	Ravilla Charan
Sprint-3	UI Design	USN-13	As a Team Lead, I will improve dashboard layout.	3	High	Ravilla Charan
Sprint-3	Support	USN-14	As a team member, I will review story content.	1	Low	P Hari Sankar

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-4	Testing	USN-15	As a Team Lead, I will validate dashboard accuracy.	3	High	Ravilla Charan
Sprint-4	Deployment	USN-16	As a Team Lead, I will publish dashboard on Tableau Public.	2	High	Ravilla Charan
Sprint-4	Documentation	USN-17	As a Team Lead, I will prepare final internship report.	5	High	Ravilla Charan
Sprint-4	Presentation	USN-18	As a Team Lead, I will prepare final presentation.	3	High	Ravilla Charan
Sprint-4	Support	USN-19	As a team member, I will assist in proofreading.	1	Low	All Members

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

### 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.

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	10	15 Days	20 Dec 2025	03 Jan 2026	10	03 Jan 2026
Sprint-2	12	15 Days	04 Jan 2026	18 Jan 2026	12	18 Jan 2026
Sprint-3	12	15 Days	19 Jan 2026	02 Feb 2026	12	02 Feb 2026
Sprint-4	14	18 Days	03 Feb 2026	20 Feb 2026	14	20 Feb 2026

### Velocity:

Total Story Points  
=  $10 + 12 + 12 + 14$   
= 48  
Number of Sprints = 4

Velocity=48/4=12

✓ **Team Velocity = 12 Story Points per Sprint**

Assume Sprint Duration = 10 days

AV=Sprint Duration/Velocity

AV=10/12

AV=0.83 days per story point