

## Project Planning Phase

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

Date	28 <sup>th</sup> May 2025
Team ID	LTVIP2025TMID48210
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites (2019)
Maximum Marks	5 Marks

### Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Visualization Dashboard	USN-1	As a user, I can view a tree map showing the number of heritage sites per country	3	High	G Navya Sri Ch Nooka Naveenth
Sprint-1		USN-2	As a user, I can view a pie chart showing 'In Danger' vs 'Not in Danger' sites.	2	High	G Navya Sri Ch Nooka Naveen
Sprint-1		USN-3	As a user, I can view a line chart displaying heritage site inscription trends over the years by region.	3	High	G Navya Sri Ch Nooka Naveen
Sprint-2	Data Filtering	USN-4	As a user, I can filter heritage sites by year and region.	2	High	G Navya Sri Ch Nooka Naveen
		USN-5	As a user, I can download visual reports as PDF or PNG.	2	Medium	G Navya Sri Ch Nooka Naveen
Sprint-3	Data Management (Admin)	USN-6	As an admin, I can upload updated heritage site datasets.	3	Medium	G Navya Sri Ch Nooka Naveen

### Project Tracker, Velocity & Burndown Chart:

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	8	6 Days	24 Feb 2025	29 Feb 2025	8	29 Feb 2025
Sprint-2	4	6 Days	01 Mar 2025	06 Mar 2025	4	06 Mar 2025
Sprint-3	3	6 Days	07 Mar 2025	12 Mar 2025	3	12 Mar 2025

### Velocity:

**Team's Velocity = Total Story Points completed per Sprint**

- Sprint-1: 8 points in 6 days
- Sprint-2: 4 points in 6 days
- Sprint-3: 3 points in 6 days

**Average Velocity =  $(8 + 4 + 3) / 3 = 5$  story points per sprint**

### 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.

