

Project Planning Phase

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

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|---------------|------------------------------------------------------------------------------------|
| 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 |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---------------|--------------------------------------|--------------------------|-------------------------------------------------------------|---------------------|-----------------|---------------------|
| 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