Project Planning Phase

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

Date	15 February 2025
Team ID	LTVIP2025TMID49538
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 Collection	USN-1	As a user, I can collect UNESCO World Heritage Sites data from authentic sources (UNESCO, Kaggle, etc.).	3	High	
Sprint-1	Data Cleaning & Preparation	USN-2	As a user, I can clean and preprocess the dataset to remove duplicates, handle missing values, and ensure consistency	3	High	
Sprint-2	Data Analysis in Tableau	USN-3	As a user, I can create visualizations showing the distribution of heritage sites by country and continent	4	High	
Sprint-2	Dashboard Creation	USN-4	As a user, I can design an interactive Tableau dashboard to explore heritage sites	4	High	
Sprint-3	Insights & Storytelling	USN-5	As a user, I can add storytelling features to highlight significant heritage sites and trends	3	Medium	
Sprint-3	Testing & Refinement	USN-6	As a user, I can test dashboard performance and refine visualizations for better clarity	2	Medium	
Sprint-4	Final Report & Deployment	USN-7	As a user, I can prepare a final presentation/report and publish the dashboard online	1	High	

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	6 Days	1 July 2025	6 July 2025	20	6 July 2025
Sprint-2	20	6 Days	7 july 2025	12 July 2025	20	12 July 2025
Sprint-3	20	6 Days	13 july 2025	18 July 2025	20	18 July 2025
Sprint-4	20	6 Days	19 july 2025	24 July 2025	20	24 July 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