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

Date	6 July 2025
Team ID	**LTVIP2025TMID49900**
Project Name	Heritage treasures: an in-depth analysis of unesco world heritage
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	UI/Backend Developer
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email once I have registered for the application.	1	High	Backend Developer
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail.	2	Medium	Backend Developer
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password.	1	High	UI/Backend Developer
Sprint-1	Dashboard	USN-6	As a user, I can view a dashboard showing the number of UNESCO heritage sites by country.	3	High	Data Analyst / Tableau Developer
Sprint-1	Dashboard	USN-7	As a user, I can filter heritage sites by type (Cultural, Natural, Mixed).	2	High	Tableau Developer

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook.	2	Low	Backend Developer
Sprint-2	Dashboard	USN-8	As a user, I can explore which sites are marked as "In Danger."	3	High	Tableau Developer
Sprint-2	Dashboard	USN-9	As a user, I can view regional inscription trends over years.	3	High	Tableau Developer
Sprint-2	Dashboard	USN-10	As a user, I can search for a specific heritage site.	2	Medium	Data Analyst / Tableau Developer
Sprint-2	Mobile Access	USN-11	As a mobile user, I can access the dashboards on my mobile browser.	2	High	Frontend Developer

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Dashboard	USN-12	As a user, I can view a country-wise ranking of heritage sites (bar chart).	3	High	Tableau Developer
Sprint-3	Admin Panel	USN-13	As an administrator, I can update heritage site data.	3	High	Data Admin / Backend Developer
Sprint-3	Admin Panel	USN-14	As an administrator, I can manage user access to dashboards.	2	Medium	Backend Developer
Sprint-3	Performance	USN-15	As a user, I can access dashboards optimized for fast loading.	2	High	Data Analyst / Tableau Developer

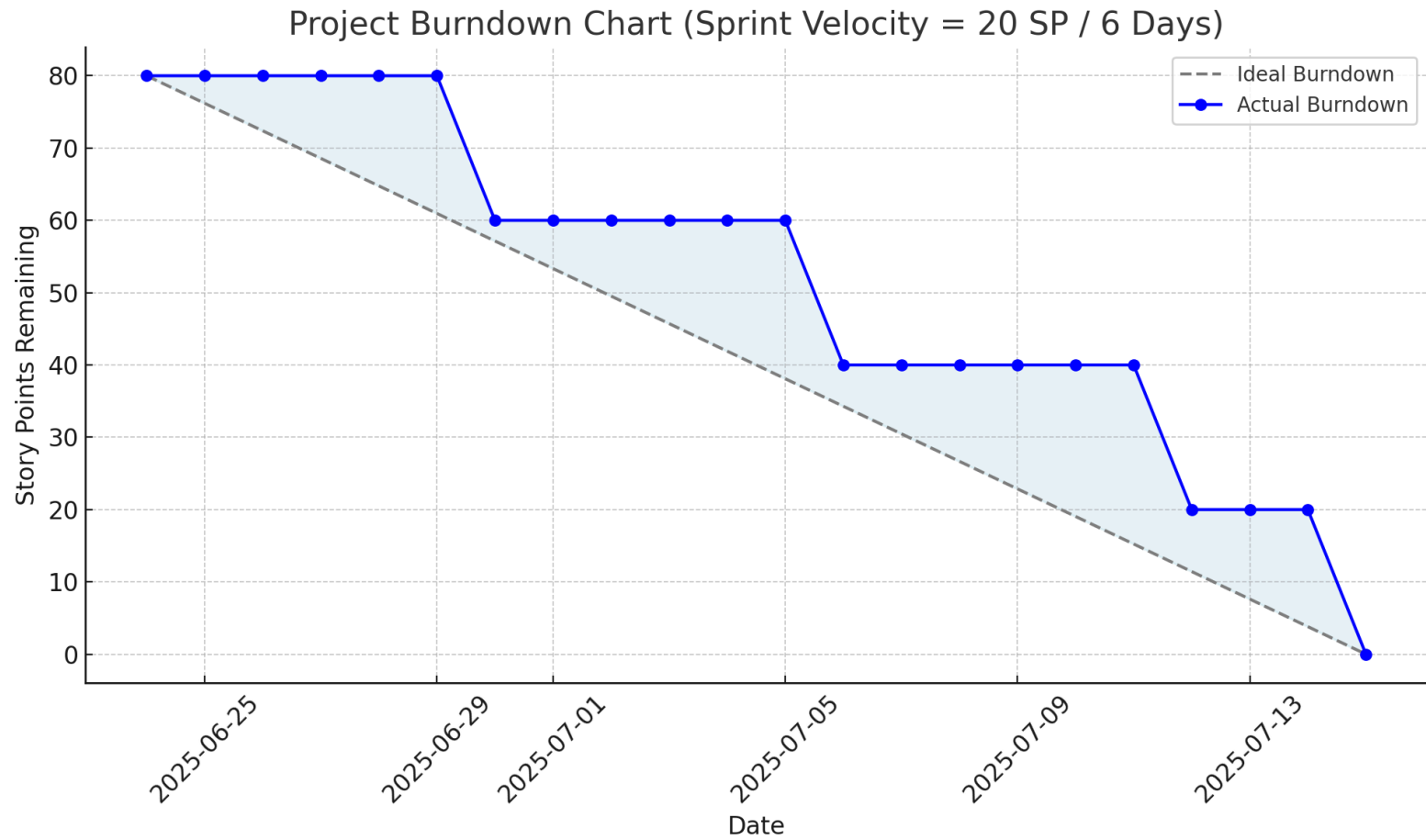**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

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	24-Jun-25	29-Jun-25	20	29-Jun-25
Sprint-2	20	6 Days	30-Jun-25	05-Jul-25	20	05-Jul-25
Sprint-3	20	6 Days	06-Jul-25	11-Jul-25	20	11-Jul-25

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:

Project Burndown Chart (Sprint Velocity = 20 SP / 6 Days)

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