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

Date	15 February 2026
Team ID	LTVIP2026TMIDS74725
Project Name	Heart Disease Analysis
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 Setup & Cleaning	USN-1	As an analyst, I want to upload and clean the heart disease dataset so it is ready for visualization in Tableau	2	High	You
Sprint-1	Basic Visualization Design	USN-2	As a user, I want to create basic charts such as Gender vs Heart Disease and Age vs Heart Disease	3	High	You
Sprint-1	Dashboard Filtering	USN-3	As a user, I want to add filters (Age, Gender, Lifestyle factors) to interact with dashboards	2	Medium	You

Sprint-2	Advanced Visualizations	USN-4	As a user, I want to build advanced charts such as Diabetic vs Stroke and Smoking & Alcohol impact on Heart Disease	4	High	You
Sprint-2	Multivariable Analysis	USN-5	As a user, I want to visualize Age vs BMI vs Diabetic to identify complex health correlations	3	Medium	You
Sprint-3	Dashboard Story Building	USN-6	As a presenter, I want to create a Tableau Story to explain health insights step-by-step	2	Medium	You
Sprint-3	Export & Presentation	USN-7	As a user, I want to export dashboards and present findings to healthcare stakeholders	2	High	You

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	7	6 Days	01 Feb 2025	06 Feb 2026	7	06 Feb 2026
Sprint-2	7	6 Days	07 Feb 2025	12 Feb 2026	7	12 Feb 2026
Sprint-3	4	6 Days	13 Feb 2025	18 Feb 2026	4	18 Feb 2026

Velocity

Velocity represents the average number of story points completed per sprint.

Total Story Points Completed: 18

Number of Sprints: 3

Average Velocity = 18 / 3 = 6 story points per sprint

Burndown Chart (Explanation)

A **burndown chart** represents the remaining work versus time during each sprint.

In this project:

- Story points reduced consistently across all sprints
- No sprint spillover occurred
- All planned tasks were completed within estimated timelines

This indicates **effective sprint planning, stable velocity, and timely delivery** of the Tableau dashboard project.