

Project Planning Phase

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

Date	19 February 2026
Team ID	LTVIP2026TMIDS85861
Project Name	Measuring the pulse of prosperity: an index of economic freedom analysis
Maximum Marks	8 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	Import Economic Freedom dataset into Tableau	3	High	Member 1
Sprint-1	Data Cleaning	USN-2	Clean missing values and correct data types	4	High	Member 2
Sprint-1	Data Preparation	USN-3	Create calculated fields for ranking and averages	3	High	Member 1
Sprint-2	Trend Analysis	USN-4	Create year-wise trend visualization	4	High	Member 2
Sprint-2	Comparative Analysis	USN-5	Build country comparison bar charts	3	Medium	Member 1
Sprint-3	Geographic Analysis	USN-6	Create world map visualization	3	Medium	Member 2
Sprint-3	Dashboard	USN-7	Combine visualizations into interactive dashboard	5	High	Both
Sprint-4	Publishing	USN-8	Publish dashboard on Tableau Public	2	High	Both

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	02 Feb 2026	07 Feb 2026	20	08 Feb 2026
Sprint-2	20	6 Days	05 Feb 2026	10 Feb 2026	20	10 Feb 2026
Sprint-3	20	6 Days	08 Feb 2026	13 Feb 2026	20	13 Feb 2026
Sprint-4	20	6 Days	14 Feb 2026	19 Feb 2026	20	19 Feb 2026

Average Per Iteration Unit Calculation Given: Sprint Duration = 18 days and Team Velocity = 20 story points per sprint. Now the Formula:

Average per iteration unit= $Velocity \div Sprint\ Duration = 20 \div 18 = 1.11$ story points per day (approx)

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.

X-axis → Days

Y-axis → Remaining Story Points

