

Project Planning Phase

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

Date	25 June 2025
Team ID	LTVIP2025TMID49412
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis using 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 Import & Cleaning	USN-1	As a user, I want to import and clean the Economic Freedom dataset in Tableau	3	High	Ganesh (Self)
Sprint-1	Data Enrichment & Mapping	USN-2	As a user, I want to join economic indicators like GDP, Inflation, Unemployment	2	High	Ganesh (Self)

Sprint-2	Index & Ranking Visualizations	USN-3	As a user, I want to create dashboards for top 40 and bottom 40 countries	3	High	Ganesh (Self)
Sprint-2	Indicator-based Comparisons	USN-4	As a user, I want to visualize score vs GDP, Unemployment, and Population	2	Medium	Ganesh (Self)
Sprint-3	Correlation Analysis	USN-5	As a user, I want to show correlation between Inflation & Unemployment	2	High	Ganesh (Self)
Sprint-3	GDP Growth & Freedom Mapping	USN-6	As a user, I want to correlate 5-year GDP growth with Index Score	2	Medium	Ganesh (Self)
Sprint-4	Dashboard Layout & Filtering Testing & Optimization	USN-7	As a user, I want to create a dashboard with region, year, and indicator filters	3	High	Ganesh (Self)
Sprint-4	Final Testing & Tableau Public Upload	USN-8	As a user, I want to test, finalize, and publish dashboard to Tableau Public	1	High	Ganesh (Self)

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	5	2 Days	20 June 2025	21 June 2025	5	21 June 2025
Sprint-2	5	2 Days	22 June 2025	23 June 2025	5	23 June 2025
Sprint-3	4	2 Days	24 June 2025	25 June 2025	4	25 June 2025
Sprint-4	4	1 Day	26 June 2025	26 June 2025	4	26 June 2025

Velocity: -

Final Average Team Velocity =

$$(5 + 5 + 4 + 4) / (2 + 2 + 2 + 1) = 18 / 7 = 2.57 \text{ story points/day (rounded to 2.6)}$$

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.

Burndown Chart - Project Completion by 28 June 2025

