Project Planning Phase

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

Date	28 June 2025
Team ID	LTVIP2025TMID48892
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
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	Data Collection	USN-1	As a user, I can load data into the processing environment	1	High	Pamireddy Suneetha
Sprint-1	Data Preprocessing	USN-2	As a user, I can recognize the values which can Be used	2	Medium	Mb Mahendra
Sprint-2	Data Processing	USN-3	As a user, I am able to make the data efficient to use	2	Medium	P Ram Prasad
Sprint-3	Creating Visualizations	USN-4	As a user, I can build the models based on the processed data	5	High	Mohammed Abdul Vakil
Sprint-4	Dashboards & Stories	USN-5	As a user, I can create the user friendly Dashboards and Stories	2	High	Pamireddy Suneeta
Sprint-5	Report & Documentations	USN-6	As a user, I can create the report as documentation process	3	Medium	Pamireddy suneeta,Mohammed Abdul Vakil

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

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.

Velocity is typically calculated as:

Velocity = Total Work Completed / Number of Days

- **Total Work Completed:** 100% (or 100 units)
- **Days:** 5

So,

Actual Velocity = 100 / 5 = 20 units per day