Project Planning Phase

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

Date	14-02-2026
Team ID	LTVIP2026TMIDS35306
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)

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-2	As a user, I can loaddata into the processing environment	1	High	ALL
Sprint-2	Data Preprocessing	USN-3	As a user, I can handle missing values in the dataset	3	Medium	ALL

Sprint-2	Data Preprocessing	USN-4	As a user, I can encode or map categorical variables appropriately	2	Medium	ALL
Sprint-3	Making Graphs/Visualizations	USN-5	As a user, I can build the initial model basedon processed data	5	High	ALL
SPRINT - 4	Dashboard & STORIES	USN - 6	Darkui witheye feasted color palette	6	HIGH	ALL
SPRINT - 5	Report & documentation	USN - 7	Thestep-by-step guide documentation	7	MEDIUM	ALL

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 Day	24 June 2025	24 June 2025	20	24 June 2025
Sprint-2	20	1 Day	25 June 2025	25 June 2025	20	25 June 2025
Sprint-3	20	1 Day	26 June 2025	26 June 2025	20	26 June 2025
Sprint-4	20	1 Day	27 June 2025	27 June 2025	20	27 June 2025
Sprint-5	20	1 Day	28 June 2025	28 June 2025	20	28 June 2025

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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$