Project Planning Phase

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

Date	12 march 2025
Team ID	PNT2025TMID06643
Project Name	Power BI Inflation Analysis: A Global Economic
Maximum Marks	5

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	Identify and gather data sources for global inflation.	5	High	Gaurav thakur
	Data Preparation	USN-2	Clean and preprocess collected data for analysis.	7	High	Jaya bijore
	Dashboard Design	USN-3	Create frames for Power BI dashboard layout.	4		Prerna kirne
		USN-4	Define key metrics and visualizations for the dashboard.	5	High	Kaveri bhiogade
Sprint-2	Data Modeling	USN-5	Build data models in Power BI to connect data sources.	8	High	Jaya Bijore, Kaveri bhiogade
	Visualization Development	USN-6	Create interactive visualizations for key metrics.	8	High	Gaurav thakur, Prerna kirne

	Testing	USN-7	Conduct testing of dashboard functionality and accuracy.	5	Medium	Kaveri bhiogade

	Feedback Collection	USN-8	Gather feedback from stakeholders on initial dashboard.	4	Medium	Gaurav thakur
Sprint-3	Training and Documentation	USN-9	Develop training materials for stakeholders.	5	High	Jaya bijore
		USN-10	Conduct training sessions for users on Power BI dashboard.	5	High	Prerna kirne
	Launch	USN-11	Officially launch the Power BI dashboard.	4	High	Gaurav thakur , jaya Bijore , kaveri bhiogade, Prerna kirne
	Evaluation	USN-12	Evaluate dashboard effectiveness and gather further feedback.	5	Medium	Gaurav thakur , jaya Bijore , kaveri bhiogade, Prerna kirne

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	21	10 Days	20 Feb 2025	01 March 2025	21	01 March 2025

| Sprint-2 | 25 | 10 Days | 2 March 2025 | 11 March 2025 | 25 | 11 March 2025 |
| Sprint-3 | 19 | 2 Days | 13 March 2025 | 14 March 2025 | 19 | 14 March 2025 |

Velocity:

Total Story Points Completed: 60

Total Number of Sprints = 3

Velocity = Total Story Points Completed / Number of Sprints

Velocity = 60 / 3 ≈ 20**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.

Sprint	Day	Total Story Points	Story Points completed	Remaining Story Points
1	1	60	0	60
	2	60	0	60
	3	60	0	60
	4	60	0	60
	5	60	0	60
	6	60	0	60
	7	60	0	60
	8	60	0	60
	9	60	0	60
	10	60	21	39
2	1	60	21	39
	2	60	21	39
	3	60	21	39

	4	60	21	39
	5	60	21	39
	6	60	21	39
	7	60	21	39
	8	60	21	39
	9	60	21	39

	10	60	19	41
3	1	60	19	41
	2	60	60	0