

Project Planning Phase

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

Date	13 March 2025
Team ID	PNT2025TMID02756
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain.
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 & Preprocessing	USN-1	As a user, I can import inflation data into Power BI.	2	High	Shreeya Mane
Sprint-1	Data Cleaning	USN-2	As a user, I can remove missing values and format inflation data.	3	High	Shreeya Mane
Sprint-1	Data Transformation	USN-3	As a user, I can unpivot columns and structure data.	3	Medium	Shreeya Mane
Sprint-2	Data Visualization	USN-4	As a user, I can create a dashboard with inflation trends.	5	High	Tanvi Kanase
Sprint-2	Interactive Features	USN-5	As a user, I can apply filters to explore inflation by country.	3	Medium	Tanvi Kanase
Sprint-2	Report Generation	USN-6	As a user, I can export reports in PDF and PPT formats.	2	High	Tanvi Kanase
Sprint-3	Testing & Refinements	USN-7	As a user, I can verify the correctness of inflation trends.	4	High	Tanvi Kanase
Sprint-3	Final Review	USN-8	As a user, I can present the final project for evaluation.	2	High	Shreeya Mane

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	8	5 Days	01 March 2025	06 March 2025	8	06 March 2025
Sprint-2	10	5 Days	07 March 2025	12 March 2025	10	12 March 2025
Sprint-3	6	1 Day	13 March 2025	13 March 2025	6	13 March 2025

Velocity:

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{24}{3} = 8$$

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.

