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

Date	15 February 2025
Team ID	PNT2025TMID00596
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	Registration	USN-1	As a user, I can register with my email and password in a simple, intuitive form.	2	High	Ashu Saxena
Sprint-1	Registration	USN-2	As a user, I receive a confirmation email after successful registration.	1	High	Rishab Verma
Sprint-2	Registration	USN-3	As a user, I can register using my Facebook account.	2	Medium	Radhika Khanna
Sprint-2	Registration	USN-4	As a user, I can register using my Google account.	2	Medium	Soumya Wilson
Sprint-3	Registration	USN-5	As a user, I see clear error messages if registration fails.	2	High	Ashu Saxena

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	6 Days	21 Feb 2025	26 Feb 2025	20	26 Feb 2025
Sprint-2	20	6 Days	27 Feb 2025	04 March 2025	20	[Actual Date]
Sprint-3	20	6 Days	05 March 2025	10 March 2025	20	[Actual Date]

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)

$$AV = \frac{sprint\ duration}{velocity} = \boxed{80/20 = 4\ Sprints}$$

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts