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

Date	18 October 2022
Team ID	PNT2022TMID29780
Project Name	Project – Retail store stock inventory analytics
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Gopalakrishnan, Gokul Raj, Gokul, Krishnan
Sprint-2	ETL Process	USN-2	As a user, extract, clean, transform, load, and analyze.	1	High	Gopalakrishnan, Gokul Raj, Gokul, Krishnan

Sprint-3	Dashboard	USN-3	As a user, I can visualise all of my data.	2	Low	Gopalakrishnan, Gokul Raj, Gokul, Krishnan
Sprint-4	Report Generation	USN-4	As a user, I can generate report from the visualization.	2	Medium	Gopalakrishnan, Gokul Raj, Gokul, Krishnan

Project Tracker, Velocity & Burndown Chart:

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	24 Oct 2022	29 Oct 2022	2	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	2	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	2	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	2	19 Nov 2022

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)

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