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

Date	22 October 2022
Team ID	PNT2022TMID01375
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 log into the application byentering email & password	1	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-2	ETL Process	USN-2	As a user I can perform the Extract, Transform, And Load Data	3	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-3	Dashboard	USN-3	As a user I can perform different visualization to analyze the data	3	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-4	Report Generation	USN-4	As a user I can generate report for the visualization.	3	High	Sai pavithra, Sowmiya, Srinithi, Swetha

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

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