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

DATE	22 October 2022
TEAM ID	PNT2022TMID12995
PROJECT NAME	INVENTORY MANAGEMENT SYSTEM FOR RETAILORS
MAXIMUM MARKS	8 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	User can create an account by providing business mail id and password	5	High	5
Sprint-2	Registration /Login	USN -2	Two step authentication using one time password to provide mail id or phone number	10	High	5
Sprint-1	Login	USN -3	Using registered mail Id	5	High	5
Sprint-1	dashboard	USN -4	User need to complete account settings like giving the details about their inventory and their branches	10	High	5
Sprint-2	Add item to stock	USN -5	User can able to add the item to stock	10	High	5
Sprint-3	Stock update	USN -6	To update the stock for check availability	10	High	5
Sprint-3	Request to customer care	USN -7	Customer care	10		

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
					High	5
Sprint-4	Alert Messaging	USN -8	User and mangers can get the details of the stock moment via mail or chat bot .	20	Medium	5

Project Tracker, Velocity & Burn down 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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	14 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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