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

Date	03 November 2022
Team ID	PNT2022TMID27239
Project Name	Inventory Management System for
	Retailers

## **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 for the application by entering my email, password, and confirming my Password or by entering phone number and confirming by otp	2	High	Gracia Betty,Deepthi
Sprint-1		USN-2	As a user, I can register for the application through E-mail or phone number	1	Medium	Gracia Betty,Harivarthini
Sprint-1	Confirmation	USN-3	As a user, I will receive confirmation email or otp once I have registered for the application	1	Medium	Harivarthini, Ais hwarya

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password or using phone number and otp.	2	High	Aishwarya,Deepthi
Sprint-2	Dashboard	USN-5	As a user, I can view the products which are available	4	High	Deepthi, Harivarthi ni
Sprint-3	Stock Update	USN-7	Once the product reaches the threshold level as a user ,I will be getting the notification to reorder the stock.	5	High	Harivarthini,Gracia Betty
Sprint-4	Expiry update	USN-8	As a user, I will be notified about the expiry date of the products	5	High	Aishwarya,Deepthi

## Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	<b>Total Story</b>	Duration	Sprint Start	<b>Sprint End Date</b>	<b>Story Points</b>	<b>Sprint Release Date</b>
	Points		Date	(Planned)	Completed (as	(Actual)
					on Planned	
					End Date)	
Sprint-1	7	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	9	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022		

**Project Tracker, Velocity & Burndown Chart: (4 Marks)** 

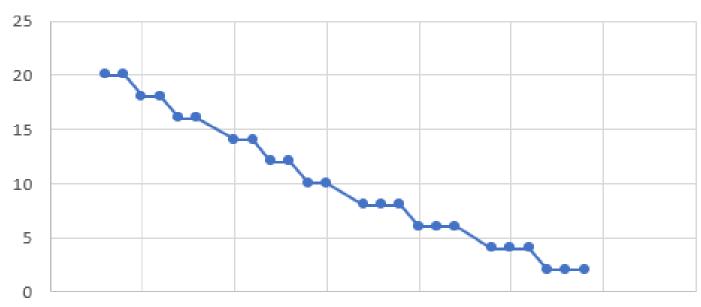
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	6	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	4	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022		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)

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





21-10-202226-10-202231-10-202205-11-202210-11-202215-11-202220-11-202225-11-2022

