Project Planning Phase

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

Date	04 November 2022
Team ID	PNT2022TMID46361
Project Name	Inventory Management System for Retailers
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a new user , they can register into application by entering username and password	4	High	Deepika R
Sprint-1	Confirmation	USN-2	As a registered user , I will receive confirmation email once I have registered	6	High	Deepika R
Sprint-1	Login	USN-3	Existing user can log into the application by signing in with their credentials	7	Medium	SivaSankar M
Sprint-2	Adding brands	USN-4	Staffs can add and remove brand and also change their availability status	4	High	Supriya V

Sprint-2	Adding strategies	USN-5	Staff can add and remove Categories and also modify availability.	3	High	Nivetha RM
Sprint-2	Adding stores	USN-6	Staff can also add and remove stores	2	High	SivaSankar M
Sprint-3	Attributes	USN-7	Staff can add a number of attributes to a specific product and can add a value to specific attribute.	4	High	Nivetha RM
Sprint-3	Orders	USN-8	As a user, I can order the product I wish to buy from inventory	2	Medium	SivaSankar M
Sprint-3	Products	USN-9	Add and manage products	3	Medium	Deepika R
Sprit-4	Reports	USN-10	User can issue any queries or can report any difficulties they experiencing in the system	2	Medium	Supriya V
Sprit-4	Groups	USN-11	Add and remove people as staff and giving Them accesses accrodingly	3	High	Nivetha RM

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	17	6 Days	24 Oct 2022	29 Oct 2022	11	29 Oct 2022
Sprint-2	9	6 Days	31 Oct 2022	05 Nov 2022	7	05 Nov 2022
Sprint-3	9	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	7	19 Nov 2022

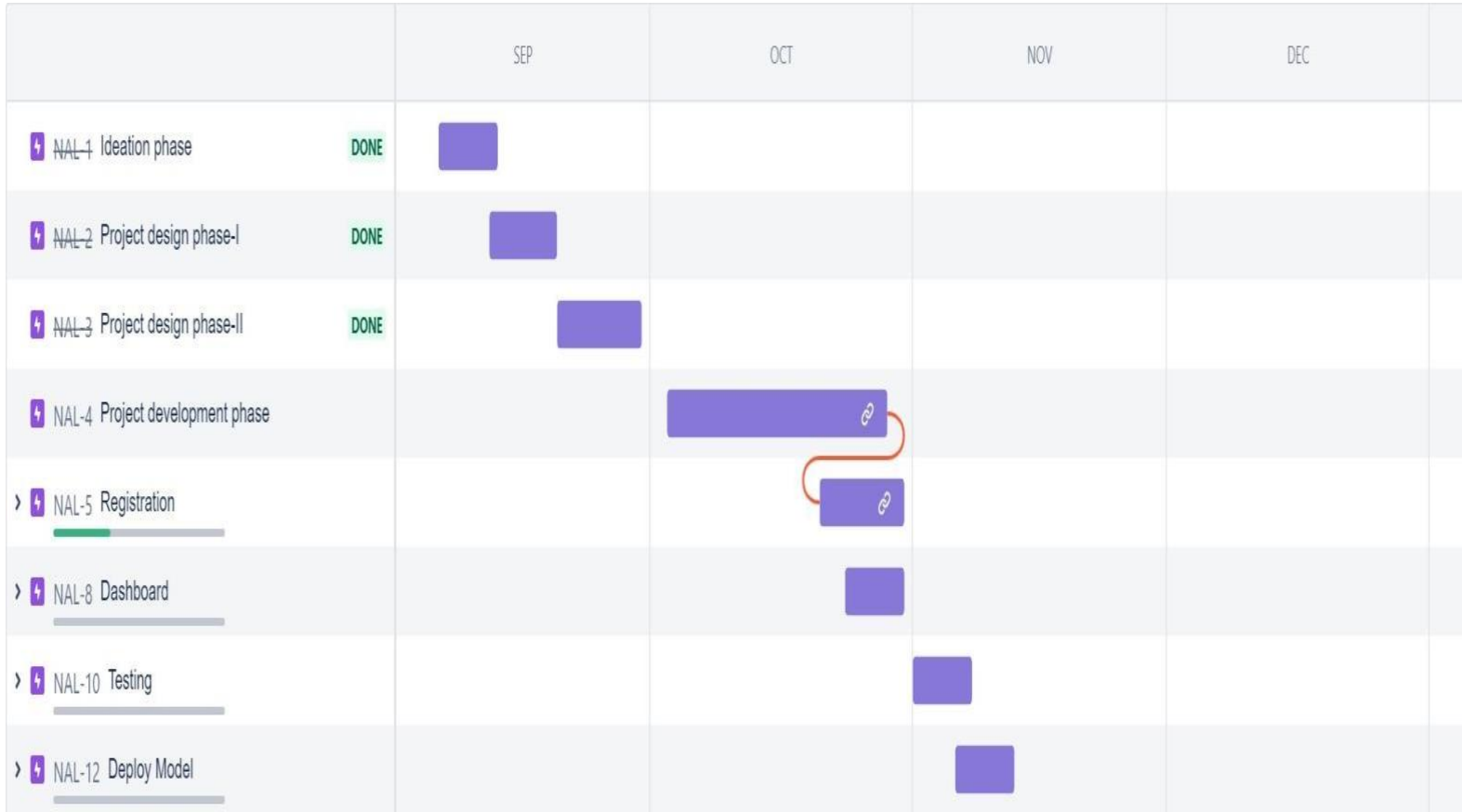## Velocity:

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

Our velocity should be:

$$AV = \frac{(11+7+6+7)}{24} = \frac{31}{24} = \mathbf{1.29}$$

Roadmap

	SEP	OCT	NOV	DEC
⚡ ~~NAL-1~~ Ideation phase **DONE**	▉			
⚡ ~~NAL-2~~ Project design phase-I **DONE**	▉			
⚡ ~~NAL-3~~ Project design phase-II **DONE**	▉			
⚡ NAL-4 Project development phase		▉🔗		
› ⚡ NAL-5 Registration		🔗		
› ⚡ NAL-8 Dashboard		▉		
› ⚡ NAL-10 Testing			▉	
› ⚡ NAL-12 Deploy Model			▉	

Burndown Chart