Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	31 October 2022
Team ID	PNT2022TMID43431
Project Name	Project – Nutrition Assistant Application
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 user, I can register for the application by entering my email, password, and confirming my password.	2	High	Jeevika J Gokulpriya D
Sprint-1		USN-2	As a user, I will receive confirmation email once	1	High	Vignesh S
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	Jeeva K
Sprint-2	User details	USN-4	As a user , I can fill the Details.	2	High	Vignesh S Gokul priya D
Sprint-2		USN-5	As a user,I wish to see the website features.	1	Low	Jeevika J
Sprint-3	Additional features	USN-6	As a user, I also wish to See Exercise plan	1	Low	Jeeva k
Sprint-3	Push notification	USN-7	As a user, I will search the food items.	2	Medium	Jeeva K Gokulpriya D
Sprint-4	Shown the nutrition details and Recipe for	USN-8	As a user, I can scan the food an get the nutrition details and recipe for related scanned	1	High	Jeevika J Vignesh s

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	scanned food		food.			

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	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	12 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)

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

Average Velocity = Story Points per Day

Sprint Duration = Number of (Duration) days per Sprint

Velocity = Points per Sprint

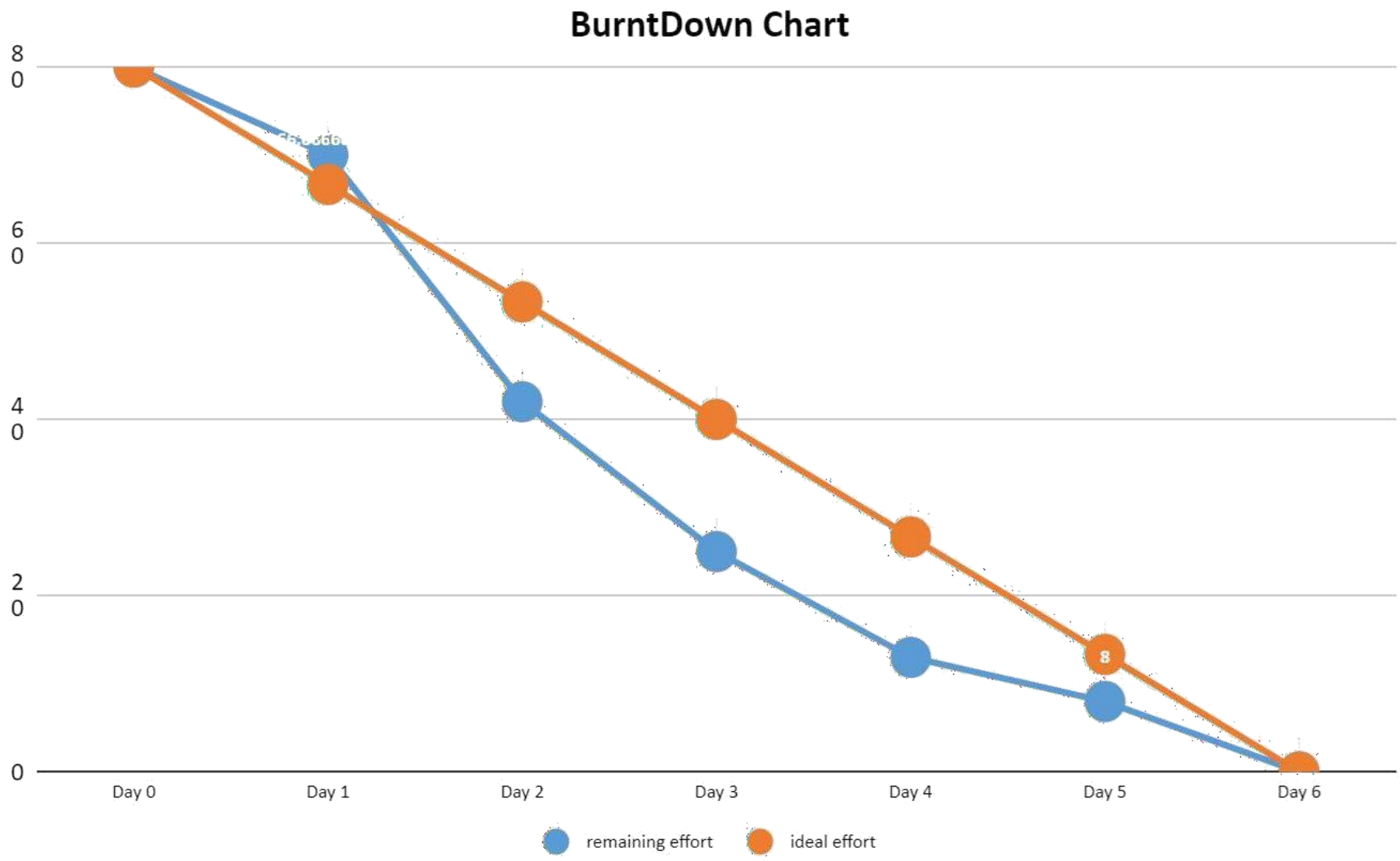
$$AV = \frac{20}{6} \approx 4$$

Therefore, the **AVERAGE VELOCITY IS 4 POINTS PER SPRINT**

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

	Initial Estimate	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct	29-Oct
Sprint number	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Sprint-1	20	0	10	5	3	1	1
Sprint-2	20	2	10	4	1	1	2
Sprint-3	20	5	5	5	5	0	0
Sprint-4	20	3	3	3	3	3	5
remaining effort	80	70	42	25	13	8	0
ideal effort	80	66.67	53.33	40	26.67	13.33	0


BurntDown Chart
8
0
6
0
4
0
2
0
0
Day 0
Day 1
Day 2
Day 3
Day 4
Day 5
Day 6
remaining effort
ideal effort