Project Planning Phase

Date	22 October 2022
Team ID	PNT2022TMID39785
Project Name	NUTRITION ASSISTANT APPLICATION

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	SOWTHIKA
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	KIRUTHIGA
Sprint-2	Profile Update	USN-3	As a user, I have to enter my height, weight and daily activity details.	2	high	KAVIPRIYA
Sprint-3	Login	USN-4	As a user, I can login to the application by entering E-mail and password	2	high	SANTHOSH

Sprint-4	dashboard	USN-5	As a user, I can upload or capture live image of the meal	1	High	SOWTHIKA
Sprint-4		USN-6	As a user, I can track my daily calorie intake	1	medium	KIRUTHIGA
Sprint-4	Maintain the application	USN-7	Maintaining detail for user	1	high	KAVIPRIYA SANTHOSH

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	7	29 OCT 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	5	05 NOV 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	8	12 NOV 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	5	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)

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

BURNDOWN CHART:

Chart Title

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
EFFORT REMAINING	96	80	64	48	32	16	0
ACTUAL EFFORT	96	80	56	40	40	32	0

EFFORT REMAINING   ACTUAL EFFORT