Date	**16 NOVEMBER 2022**
Team ID	**PNT2022TMID52932**
Project Name	**Project – AI-Powered Nutrition Analyser and Fitness Enthusiasts**
Max marks	**8 Marks**

Project Planning Phase

Milestone and Activity List

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

Sprint	Functional Requirement	User story Number	User story/stack	Story Point	Priority	Team Members
Sprint-1	Registration	USN-1	User can register for the application by entering user name and entering a strong password.	2	High	Manivannan
Sprint-1	Login	USN-2	User can login to application by entering username and password	2	High	Lalith
Sprint-2	Upload images of digital document	USN-3	User can input the food imagesinto the application's document	1	Moderate	Muhammad
Sprint-2	Prediction	USN-4	User can predict the image	1	Moderate	Jahnavi
Sprint-3	Upload the fruit images dataset	USN-5	User can input the fruit of theirchoice that they want to know about	1	High	Manivannan
Sprint-3	Recognize	USN-6	User can choose their fruit	1	Moderate	Lalith

	fruit		type			Muhammad
Sprint-4	Recognize Fruit type	USN-7	User can recognize their selectedfruit in the output, and recognize it and its benefits	2	High	Jahnavi
Sprint-4	Recognize fruit colour	USN-8	User can recognize the fruitcolour in the differentiate it with others	2	High	Manivannan Lalith Muhammad Jahnavi

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

Sprint	**Total story point**	**Duration**	**Sprint start Date**	**Sprint End date**	**Story points completed**	**Story release date**
Sprint-1	2	6 Days	24 October 2022	29 October 2022	2	24 October 2022
Sprint-2	2	6 Days	31 October 2022	05 October 2022	2	5 October 2022
Sprint-3	2	6 Days	7 Nov 2022	12 November 2022	2	12 Nov 2022
Sprint-4	2	6 Days	7 Nov 2022	19 November 2022	2	19 Nov 2022

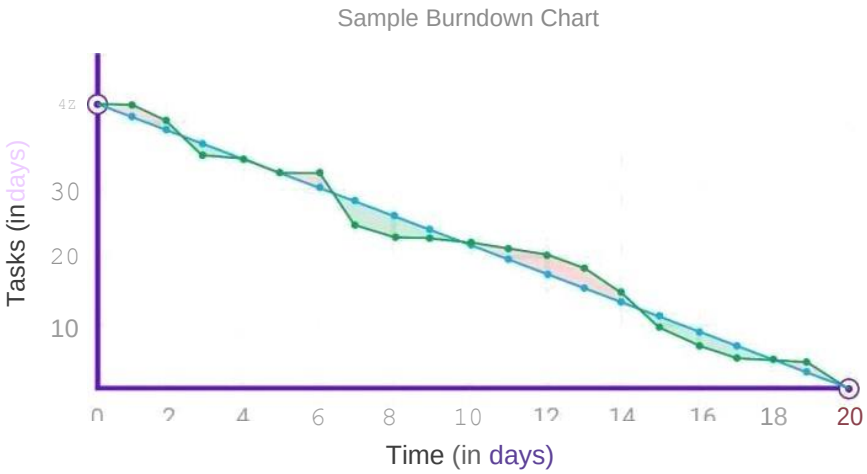
Velocity:

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 (storypoints per day)

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

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, burndown charts can be applied to any project containing measurable progress over time.


Sample Burndown Chart
Tasks (in days)
30
20
10
0
2
4
6
8
10
12
14
16
18
20
Time (in days)