Project Planning Phase

Milestone and Activity List

Date	04 NOVAMBER 2022
Team ID	PNT2022TMID23697
Project Name	Project - Ai-Powered Nutrition Analyzer For Fitness Enthusiasts
Maximum Marks	8 Marks

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	Client can enroll for the application by entering client name and entering password	2	High	Jeyanandhini K
Sprint-1	Login	USN-2	Client can login to the application by entering client name and password	2	High	Gopika.V
Sprint-2	Upload images of digital document	USN-3	Client can include the food pictures into the application's record	1	Moderate	Kamali P.S
Sprint-2	Prediction	USN-4	Client can anticipate the picture	1	Moderate	Evangeline Angel K
Sprint-3	Upload the fruit images dataset	USN-5	Client can include their preferred product that they need to be aware of	1	Moderate	Jeyanandhini K
Sprint-3	Recognize fruit	USN-6	Client can pick their fruit type	1	Moderate	Gopika.V
Sprint-4	Recognize Fruit type	USN-7	Client can perceive their chose fruit in the result, and remember it and its advantages	2	High	Kamali P.S
Sprint-4	Recognize fruit colour	USN-8	Client can perceive the fruit tone in the dataset and separate it with others	2	High	Evangeline Angel K

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	04 November 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 (story points 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 asScrum. However, burn down charts can be applied to any project containing measurable progress over time.