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

Date	18October 2022
Team ID	PNT2022TMID12147
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a developer i Have to collect different type of data possible and other data supporting the model .	2	High	P.B.Kamalesree G.S.Blessing Antony P.Promoth Mahajan B.Sneka
Sprint-1		USN-2	As a user, I can register for the application by entering my email, password ,and confirming my password.	1	High	P.B.Kamalesree G.S.Blessing Antony P.Promoth Mahajan B.Sneka
Sprint-2	User Confirmation	USN-3	As a user, I can register for the application through Facebook	2	Low	P.B.Kamalesree G.S.Blessing Antony P.Promoth Mahajan B.Sneka
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	P.B.Kamalesree G.S.Blessing Antony

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						P.Promoth Mahajan B.Sneka
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	G.S.Blessing Antony
Sprint-2	Model Building	USN-6	Development of the model with the prepared data set	2	High	P.Promoth Mahajan
Sprint-2	Main interface	USN-7	As a user I can view my calorie intake by clicking photo of the food I eat	2	High	B.Sneka
Sprint-2	Package ,Dashboard	USN-8	As a user I can choose variety of packages based on my requirement	1	Medium	P.B.Kamalesree

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	23	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	11	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	18	17 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 as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

An approximate work plan in burndown