Project Planning Phase
Project Planning (Product Backlog, Sprint Planning, Stories, Story points)

Date	25 October 2022
Team ID	PNT2022TMID23315
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	Pre-requisites for Model Building	USN-1	As a developer I must collect different type of data possible and other data supporting the model	3	High	Harish
Sprint-1	Model Building	USN-2	Development of the model with the prepared data set	4	High	Harish Logeshwaran
Sprint-2	Home page	USN-3	As a user I can land into the main page of the website	3	High	Anbarasu
Sprint-2	Image page	USN-4	As a user I can upload the image of the food item	3	High	Janakiraman

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Image prediction page	USN-5	As a user I can view the nutritional facts of the food image uploaded.	3	High	Harish
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Registration	USN-6	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Anbarasu Janakiraman
Sprint-3	Login	USN-7	As a user, I can log into the application by entering email & password	1	High	Janakiraman logeshwaran
Sprint-3	Logout	USN-8	As a user, I can logout of the application	1	High	Harish Anbarasu
Sprint-4	Dashboard	USN-9	As a user, I can view my daily intake nutrition facts	2	Medium	Anbarasu Logeshwaran
Sprint-4	Profile	USN-10	As a user, I can view and update my Profile	2	Medium	Harish
Sprint-4	Dashboard	USN-11	As an administrator, I can view and mange users, contents and everything	1	Medium	Anbarasu Janakiraman
Sprint-4	Feedback page	USN-12	As a user, I can give feedback about the pages and details	1	Low	Harish Anbarasu
Sprint-4	Registration	USN-13	As a user, I can register for the application through Gmail	1	Medium	Harish Janakiraman

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	23	6 Days	24 Oct 2022	29 Oct 2022	7	30 Oct 2022
Sprint-2	23	6 Days	31 Oct 2022	05 Nov 2022	16	10 Nov 2022
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-3	23	6 Days	07 Nov 2022	12 Nov 2022	20	15 Nov 2022
Sprint-4	23	6 Days	14 Nov 2022	19 Nov 2022	27	20 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)

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

$$AV = 24/6 = 4$$

Burndown Chart: