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

Date	18 October 2022
Team ID	PNT2022TMID23229
Project Name	AI - Powered Nutrition Analyzer For Fitness Enthusiasts
Maximum Marks	8 Marks

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	Jeyasree, Jeyaroshini
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Felcia, Madhuvarshni
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Jeyasree, Jeyaroshini
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Felcia, Madhuvarshni
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Jeyasree, Jeyaroshini
Sprint-3	Dashboard	USN-6	As a user, I can select the activity I wish to do in the application.	1	High	Felcia, Madhuvarshniv
Sprint-4	Food recognition	USN-7	The food item under the lens is recognised	2	High	Jeyasree, Jeyaroshini
Sprint-5	Nutrient Content	USN-8	Once the food item is recognised, its nutrient content is displayed to the user.	2	High	Felcia, Madhuvarshni
Sprint-6	Updation	USN-9	The food dataset is updated by the administrator periodically.	2	High	Jeyasree, Jeyaroshini

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	7 Days	24 Oct 2022	01 Nov 2022	20	01 Nov 2022
Sprint-2	20	7 Days	02 Oct 2022	09 Nov 2022	20	09 Nov 2022
Sprint-3	20	7 Days	10 Nov 2022	17 Nov 2022	20	17 Nov 2022
Sprint-4	20	8 Days	18 Nov 2022	26 Nov 2022	20	26 Nov 2022
Sprint-5	20	4 Days	27 Nov 2022	31 Nov 2022	20	31 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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts