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

Date	4 November 2022
Team ID	PNT2022TMID51066
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	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.	High	Gaayatri Kavya
		USN-2	As a user, I will receive confirmation email once I have registered for the application	High	Mahima Jisha
		USN-3	As a user, I can register for the application through Facebook	Low	Gaayatri Mahima
		USN-4	As a user, I can register for the application through Gmail	Medium	Kavya Jisha
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	High	Mahima Kavya
	Dashboard	USN - 6	As a user, I can view my profile and update my details	Medium	Gaayatri Jisha
		USN - 7	As a user, I can view my personal calorie calendar	High	Gaayatri
		USN - 8	As a user, I can change my password	High	Jisha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members
Sprint-3	Image capturing	USN-9	As a user, I can capture images of the ingredients I consume.	High	Mahima
	Image Processing	USN-10	In the application, the captured images are processed to label constituent ingredients	High	Kavya
	Data Storage	USN-11	In the application, the calorie value of different food items are stored using a database	High	Gaayatri
	Calorie Value Computation	USN-12	As a user, I am informed of the calorie value of the ingredients used	Medium	Kavya
Sprint-4	Data storage	USN-13	As a user, the details of the calories I've consumed over the course of a day are stored.	High	Jisha
	Calorie Over consumption Notification	USN - 14	As a user, I am notified if I cross the daily recommended value of calories for a day	Medium	Mahima
	Diet plan Specification	USN - 15	As a user, I can specify my target based on which I receive personalized diet plans	High	Gaayatri

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)

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