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

Date	18 October 2022
Team ID	PNT2022TMID 22506
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.	3	High	Yoganand.U Gowtham.R
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Kirubalan.MS Ajmal Ahmed.M
Sprint-3		USN-3	As a user, I can register for the application through Facebook	1	Low	Yoganand.U
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	Kirubalan.MS Gowtham.R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	Yoganad.U Kirubalan.MS
Sprint-1	Dashboard	USN-6	As a user, I can access the dashboard	3	High	Ajmal Ahmed.M
Sprint-2		USN-7	As a user, I can view my profile	2	Medium	Gowtham.R Kirubalan.MS
Sprint-3		USN-8	As a user, I can update my profile	2	Medium	Yoganand.U
Sprint-1	Service	USN-9	As a user, I request to display nutrition content	3	High	Ajmal Ahmed.M Gowtham.R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-10	As a user, I request for a diet plan	3	High	Kirubalan.MS Yoganand.U
Sprint-2	Update	USN-11	As a user, I track my diet plan	2	Medium	Ajmal Ahmed.M Kirubalan.MS Gowtham.R
Sprint-3		USN-12	As a user, I can view progress report	1	Low	KIrubalan.MS Yoganand.U
Sprint-4	Feedback	USN-13	As a user, I give feedback	3	High	Yoganand.U Ajmal Ahmed.M

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	12	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	12	
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	4	
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	3	

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)

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