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

Date	18 October 2022
Team ID	PNT2022TMID38272
Project Name	Project - Nutrition Assistant Application

Product Backlog, Sprint Schedule, and Estimation

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	saranya.R, deepika.H, sharmila.A, sneha.S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	sharmila.A, sneha.S
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	saranya.R, deepika.H
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	deepika.H, sharmila.A, sneha.S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	sharmila.A, sneha.S
Sprint-1	Dashboard	USN-6	As a user I can access the dashboard able to see options to view contents chart, select diet plans, and exercise	5	high	saranya.R, deepika.H
Sprint-2		USN-7	As a user I can see my profile	4	Medium	saranya.R, deepika.H, sharmila.A
Sprint-3		USN-8	As a user I can update my profile	3	Low	sneha.S, saranya.R
Sprint-2		USN-9	As a user I can change my password	4	Medium	sharmila.A, sneha.S
Sprint-1	Service request	USN-10	As a user I can request to display nutrition content of food items	5	High	deepika.H, sharmila.A, sneha.S
Sprint-2		USN-11	As a user I can request to suggest a diet plan according to my medical details	4	High	Sneha.s, saranya.R
Sprint-2		USN-12	As a user I can request to suggest exercise routines according to my medical details	4	Medium	saranya.R, deepika.H, sharmila.A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Notification	USN-13	track the status of diet targets through a dashboard or email services	3	Low	saranya.R, deepika.H
Sprint-3		USN-14	As a user I get an email about revised exercise routines based on recent records.	3	Medium	saranya.R, deepika.H
Sprint-1		USN-15	A user noticed after successfully achieved the target workout	5	High	Deepika.H, sharmila.A, sneha.S
Sprint-3		USN-16	Upload Progress Reports	3	Low	Deepika.H, sharmila.A, sneha.S, saranya.R
Sprint-4		USN-17	Making UI more interactive	2	Low	sharmila.A, sneha.S
Sprint-2		USN-18	As a user I give feedback	4	High	deepika.H, sharmila.A, sneha.S

Project Tracker, Velocity & Burndown Chart:

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 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)

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