

## Project Planning Phase

### AI-powered Nutrition Analyzer for Fitness Enthusiasts

#### Sprint Delivery

Date	15 November 2022
Team ID	PNT2022TMID29934
Project Name	Project - 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-1		USN-3	As a user, I can register for the application through Gmail	5	Medium	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-1	Dashboard	USN-5	As a user I can access the dashboard able to see options to view contents chart, select diet plans, and exercise	5	High	Tamilvizhi pavithra Priyadharshini sindhuja

Sprint-2		USN-6	As a user I can see my profile	4	Medium	Tamilvizhi pavithra Priyadharshini sindhuja

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-7	As a user I can update my profile	3	Low	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-2		USN-8	As a user I can change my password	4	Medium	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-1	Service Request	USN-9	As a user I can request to display nutrition content of food items	5	High	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-2		USN-10	As a user I can request to suggest a diet plan according to my medical details	4	High	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-2		USN-11	As a user I can request to suggest exercise routines according to my medical details	4	Medium	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-3	Notification	USN-12	track the status of diet targets through a dashboard or email services	3	Low	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-3		USN-13	As a user get an email about revised exercise routines based on recent records.	3	Medium	Tamilvizhi pavithra Priyadharshini sindhuja

Sprint-1		USN-14	A user noticed after successfully achieved the target workout	5	High	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-3		USN-15	Upload Progress Reports	3	Low	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-4		USN-16	Making UI more interactive	2	Low	Tamilvizhi pavithra Priyadharshini sindhuja
Sprint-2		USN-17	As a user I give feedback	4	High	Tamilvizhi pavithra Priyadharshini sindhuja

**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	5 Days	14Nov 2022	15 Nov 2022	20	29 Oct 2022
Sprint-2	20	5Days	15 Nov 2022	16 Nov 2022		
Sprint-3	20	5 Days	16 Nov 2022	17 Nov 2022		
Sprint-4	20	5 Days	17 Nov 2022	17 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)

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

