

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID24576
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	Food Vision	USN-1	As a user, I can upload a picture of a fruit/vegetable and find the name of it.	10	High	Ajay, Arun
Sprint-2	Nutritional Analyzer	USN-2	Map the identified food to the nutrients present in it.	5	Medium	Arun, Ganapathy
Sprint-2	Food Search	USN-3	As a user, I can search for a particular fruit/vegetable and find the nutrients in it	5	Medium	Ganapathy, Subash
Sprint-3	Registration	USN-4	As a user, I can register for the application by entering my email, password, and confirming my password.	5	Medium	Ganapathy, Subash
Sprint-3	Login	USN-5	As a user, I can log into the application by entering email & password	5	Medium	Ganapathy, Subash
Sprint-4	History	USN-6	As a user, I can see the food I took previously.	5	Low	Ajay, Subash
Sprint-4	Store	USN-7	As a user, I can store the fruits I uploaded a	5	Low	Arun, Ajay

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			picture of.			

**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	10	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	10	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)

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