

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID25013
Project Name	Project - 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	There will be separate and special features for the registered user to get personalized and well defined advice and good practice lectures to maintain their fitness.	2	High	Naveen S
Sprint-2		USN-2	All the registered users will be verified with either email or mobile number based on their interest in giving their information, but the verification is a must one.	1	High	Suryasivaraj M
Sprint-2		USN-3	For non-registered users, the user can visit the website free of cost and can check the nutrient value in the fruits and vegetables, and also can view the common practices for fitness	2	Low	Gokul B
Sprint-3		USN-4	Creating a group of people, who are willing to befit in their health and making them organized in a sample place, through which they can collaborate and also can achieve their goals with others, by encouraging each other. The application gives the ability to ask questions	2	Medium	Vasim E

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			about a problem in the fitness groups, through which they can work effectively.			
Sprint-4	Login	USN-5	The satisfaction of each user is a must, so UI/UX should be more than enough to engage the user in the platform and the performance of the application should be optimized in order to keep every user for a long time. On a periodic interval (like once in month), we need to interact one to one with each and every user to solve the queries	1	High	Vasim E
	Dashboard					

#### 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	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		

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)

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