

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID30185
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 through Gmail and I will receive confirmation email once I have registered for the application. (Create login/signup page)	5	High	SABARISH E
Sprint-1	Details	USN-2	As a user, I have to give my details like name, height, weight, age.(Collect details from user)	5	High	SENTHILRAJA R
Sprint-2	Dashboard	USN-3	As a user, I can view and edit my details and calculated nutrition from server.(Calculated details will be displayed for the user)	4	High	SIVARANJANI V
Sprint-3	Search	USN-4	As a user, I can search for fruit, vegetable and other food items.(Server will provide data about fruit, vegetable and other food items)	5	Medium	NAVEENA V
Sprint- 2	View	USN-5	As a user, I can view the details of food item. (Server will provide the details about food items)	5	High	SABARISH E
Sprint -4	Receive notification	USN-6	As a user, I will receive notifications about my daily routine of food habit.(Send notification about daily routine of food habits)	3	High	SENTHILRAJA R
Sprint-3	ADMIN : Analyse	USN-7	As an admin, I will analyse the given dataset	4	High	SIVARANJANI V
Sprint-4	ADMIN : Predict	USN-8	As an admin, I will predict the Nutrition level	4	High	NAVEENAI V

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	5 Days	25 Oct 2022	3 Nov 2022	10	3 Nov 2022
Sprint-2	9	7 Days	31 Oct 2022	06 Nov 2022	9	06 Nov 2022
Sprint-3	9	6 Days	07 Nov 2022	12 Nov 2022	9	12 Nov 2022
Sprint-4	7	6 Days	10 Nov 2022	15 Nov 2022	7	15 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)

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

$$AV=35/24=1.4583$$

Burndown Chart:

Sprint

AI27 Sprint 1

Estimation field

Story points



Date - October 25th, 2022 - November 3rd, 2022

