

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID13235
Project Name	Project -Nutrition Assistant Application
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 sign up the application by entering my email, password, and confirming my password.	2	High	DEEPIKALA V ARTHY N ANJANA S
Sprint 1	New user	USN-2	When I register for the application as a user, I will get a confirmation email.	1	High	ANJANA S DEEPIKALA V KEERTHIYA R
Sprint-2	Gmail Registration	USN-3	I can sign up for the application as a user using Gmail.	2	Medium	KEERTHIYA R ANJANA S
Sprint-2	Login	USN-4	I can access the application as a user by providing my email address and password.	2	Medium	KEERTHIYA R ARTHY N
Sprint-3	Suggestion	USN-5	I can recommend things as a user, like a dietary plan, etc.	1	High	ANJANA S ARTHY N

Sprint-4	Image upload	USN-6	As a user, I must input photographs of food items in order to calculate calories and provide suggestions for a balanced diet.	2	High	KEERTHIYA R ANJANA S DEEPIKALA V
Sprint-4	Dashboard	USN-7	Nutrition API will be used to deliver the information.	2	High	DEEPIKALA V ARTHY N

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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