

PROJECT PLANNING

SPRINT PLAN DELIVERY

TEAM ID	PNT2022TMID03448
PROJECT NAME	NUTRITION ASSISTANT APPLICATION

Product Backlog, Sprint Schedule, and Estimation:

Use the below template to create product backlog and sprint schedule.

Sprint	Functional Requirement	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.	2	High	oviashree s jayamahalakshmi r yuthika s varshini ap
Sprint-1	Confirmation	USN-2	➤ As a user, I will receive confirmation email once I have registered for the application.	1	High	oviashree s jayamahalakshmi r yuthika s varshini ap

Sprint-1	Login	USN-3	➤ As a user, I can log into the application by entering email and password.	1	High	oviashree s jayamahalakshmi r yuthika s varshini ap
Sprint-2	User Details	USN-4	➤ As a user, I can fill the details.	2	High	oviashree s jayamahalakshmi r yuthika s varshini ap
Sprint-3	Push Notification	USN-5	➤ As a user, I will search the food items.	2	Medium	oviashree s jayamahalakshmi r yuthika s varshini ap
Sprint-4	Shown the nutrition details and recipe for scanned food	USN-6	➤ As a user, I can scan the food and get the nutrition details and recipe for related scanned food.	1	High	oviashree s jayamahalakshmi r yuthika s varshini ap

Project Tracker, Velocity & Burndown Chart:

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	25 October 2022	30 October 2022	20	30 October 2022
Sprint-2	20	6 Days	31 October 2022	05 November 2022	20	05 November 2022
Sprint-3	20	6 Days	06 November 2022	11 November 2022	20	11 November 2022
Sprint-4	20	6 Days	13 November 2022	18 November 2022	20	18 November 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)

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

Average Velocity = Story Points per Day

Sprint Duration = Number of (Duration) days per Sprint

Velocity = Points per Sprint

$$AV = \frac{20}{6} = 4(\text{Approx})$$

Therefore, the AVERAGE VELOCITY IS 4 POINTS PER SPRINT.

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burndown charts can be applied to any project containing measurable progress over time.

