

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

Date	18 October 2022
Team ID	PNT2022TMID54057
Project Name	Nutrition Assistant Application
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 by entering my email, password, phone number and confirming my password.	5	High	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password.	5	High	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-1		USN-4	As a user, I can log into the application by entering Phone number & password	5	Medium	Pradeepa S Sargeetha A Sujithra M Jeevitha M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Dashboard	USN-5	As a user, I can update my health details	10	High	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-2	Administrator	USN-6	As an admin, I can manage and validate the customer's information	10	High	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-3	Dashboard (Upload image)	USN-7	As a user, I can upload an image for the processing of food.	10	High	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-3	Dashboard	USN-8	As a user, I can track my daily calorie intake	10	Medium	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-4	Application	USN-9	As a customer care executive, I can access customer's information and to solve their queries and issues.	6	Medium	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-4	(Result) Nutritional value of report	USN-10	In cloud the food image is processed and provides the nutritional value of food.	7	High	Pradeepa S Sargeetha A Sujithra M Jeevitha M
Sprint-4	Application	USN-11	After getting result from cloud I suggest people to eat.	7	High	Pradeepa S Sargeetha A Sujithra M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Jeevitha M

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	3 Days	08 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-2	20	3 Days	11 Nov 2022	13 Nov 2022	20	13 Nov 2022
Sprint-3	20	3 Days	14 Nov 2022	16 Nov 2022	20	17 Nov 2022
Sprint-4	20	3 Days	17 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 3-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)

$$\begin{aligned} \mathbf{AV} &= \mathbf{sprint\ duration\ /\ velocity} \\ &= \mathbf{20\ /\ 3\ =\ 6.7} \end{aligned}$$

Burndown Chart:

A burn down 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, burn down charts can be applied to any project containing measurable progress over time.

