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

Date	03 November 2022
Team ID	PNT2022TMID38573
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 register for the application by entering my email, password, and confirming my password.	2	High	S. Gajalaxmi Vemula Swetha S. Chitra J. Jayasri
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	S. Gajalaxmi Vemula Swetha S. Chitra J. Jayasri
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	S. Gajalaxmi Vemula Swetha S. Chitra J. Jayasri
Sprint-2	User details	USN-4	As a user , I can fill the Details.	2	High	S. Gajalaxmi Vemula Swetha S. Chitra J. Jayasri
Sprint-3	Push notification	USN-5	As a user, I will search the food items.	2	Medium	S. Gajalaxmi Vemula Swetha S. Chitra J. Jayasri
Sprint-4	Shown the nutrition details and Recipe for	USN-6	As a user, I can scan the food an get the nutrition details and recipe for related scanned	1	High	S. Gajalaxmi Vemula Swetha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	scanned food		food.			S. Chitra J. Jayasri

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	03 Nov 2022	08 Nov 2022	20	08 Nov 2022
Sprint-2	20	6 Days	08 Nov 2022	11 Nov 2022	20	11 Nov 2022
Sprint-3	20	6 Days	11 Nov 2022	15 Nov 2022	20	15 Nov 2022
Sprint-4	20	6 Days	15 Nov 2022	18 Nov 2022	20	18 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

$$\text{Average Velocity} = \text{Sprint duration} / \text{Velocity}$$
$$= 10 / 20$$

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.