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

Date	18 October 2022
Team ID	PNT2022TMID27311
Project Name	Project – 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	User Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	R.Varsha , S.Sankari , T.Ooviya , M.Umadevi.
Sprint-1	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	R.Varsha , S.Sankari , T.Ooviya , M.Umadevi.
Sprint-2	Food Detection	USN-3	As a user, I will upload the food image and the food will be detected	2	High	R.Varsha , S.Sankari , T.Ooviya , M.Umadevi.
Sprint-3	Nutrition Display	USN-4	As a user, I can view the nutrition contents of the detected food	2	High	R.Varsha , S.Sankari , T.Ooviya , M.Umadevi.
Sprint-4	User BMI Calculation	USN-5	As a user, I can view my calculated Body Mass Index	1	Low	R.Varsha , S.Sankari , T.Ooviya , M.Umadevi.

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)

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

Burn down Chart: