Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	28 October 2022
Team ID	PNT2022TMID30524
Project Name	Project – Nutrition Assistant Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks) - 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 username, email and password	2	High	Agila, Farjana Banu
Sprint-1	Registration	USN-2	As a user, after registering it shows registered successfully.	1	High	Krithika, Jothilashmi
Sprint-2	Registration	USN-3	As a user, after registering user have an option of login.	2	Medium	Agila

Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password. User can use the forgot password option if the user forgets their password.	2	Medium	Farjana Banu, Krithika
Sprint-3	Submission	USN-5	After logging in, we should upload the images of food.	1	High	Jothilashmi
Sprint-3	Submission	USN-6	As a user, I must wait for getting the result of nutrients.	2	High	Agila, Farjana Banu
Sprint-4	Result	USN-7	After submitting the images of food, the web app will give the nutrients info.	1	Medium	Jothilashmi
Sprint-4	Result	USN-8	.As a user, I should click the nutrients info for getting the ingredients and nutrients information.	2	High	Krithika

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	30 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	29 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) periteration unit (story points per day)
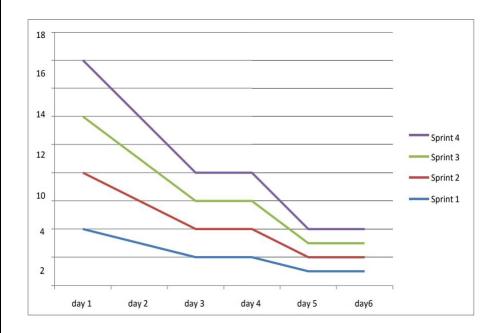
$$AV = \frac{sprint\ duration}{velocity}$$

$$AV = 6/10 = 0.6$$

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

SPRINT SCHEDULE CHART: SPRINT BURNDOWN CHART: