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

Date	21-10-2022
Team ID	PNT2022TMID34973
Project name	Nutrition assistant application

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint 1	Getting user information	USN-1	The system should provide diets for the user.	10	High	Nantha kumar Suriya nishok
Sprint 1		USN-2	The information of each user should be realistic and it should be stored in the database.	10	High	Nantha kumar Suriya nishok
Sprint 2	Scanning Food image	USN-3	The camera of the user's should be in high quality.	10	High	Nantha kumar Suriya nishok
Sprint 2		USN-4	The photage of the image should be identified by API	10	High	Nantha kumar Suriya nishok
Sprint 3	Detecting calories	USN-5	After detecting the food by API , the nutrients in the food is analyzed.	10	High	Kowshick shalom Hasan afwaaz
Sprint 3	Food quality	USN-6	The exact quality of the food is determined.	20	High	Kowshick shalom Hasan afwaaz

Sprint 4	Sending Information	USN-7	The information should reach the user.	5	High	Kowshick shalom Hasan afwaaz
Sprint 4		USN-8	Whether the capture food is good for that user or not.	15	High	Kowshick shalom Hasan afwaaz

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	8 days	27-10-2022	3-11-2022	20	3-11-2022
Sprint 2	20	8 days	5-11-2022	12-11-2022	20	12-11-2022
Sprint 3	30	8 days	14-11-2022	21-11-2022	30	21-11-2022
Sprint 4	20	8 days	23-11-2022	30-11-2022	20	30-11-2022

Velocity:

Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = Velocity / Sprint\ Duration$$
$$= 20 / 8$$
$$= 2.5$$

$$AV = 30 / 8$$
$$= 3.75$$

Burndown Chart :

        X-axis - Days

        Y-axis - Story Points