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

Date	28 October 2022
Team ID	PNT2022TMID53109
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	Registration	USN-1	In the app, I can register for the application by entering my email or username, password, and confirming the password.	10	High	Ranjani A Pooja M
Sprint-1	New User	USN-2	As a new user, I will have to register for the application by entering the basic details provided in the application.	10	High	Ranjani A Pooja M
Sprint-2	Biometrics Details	USN-3	As a user, I have enter the biometrics details that are asked in the application	10	High	Sanjana A Varsha S
Sprint-2		USN-4	As a User, I can make some recommendations such as weight loss needs, food control, nutritive plan etc.	10	High	Sanjana A Varsha S
Sprint-3	Image Recognition	USN-5	As a user, I have to upload the image of the food items to find out the calories and also to get suggestions of whether it is healthy for my diet plan.	10	High	Ranjani A Pooja M
Sprint-3		USN-6	The details will be provided via the Nutrition API that are stored in the IBM DB2.	10	High	Ranjani A Pooja M
Sprint-4	Nutrition Plan	USN-7	The other health related nutrition plans also provided for the convenience of user-friendly.	20	High	Sanjana A Varsha S
Sprint-3	Identification of Food	USN-8	As a User, I have entered the name of some foods because the vegetables are available in the	10	High	Ranjani A Pooja M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			same color and size but will have different names and taste.			

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 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	8 Days	01 Nov 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	30	8 Days	07 Nov 2022	12 Nov 2022	30	12 Nov 2022
Sprint-4	20	8 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

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

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

$$AV = Velocity/\ Sprint\ Duration$$
$$= 30/8$$
$$= 3.75$$

Burndown Chart:

X-axis - Day

Y-axis - Story Points