

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID32153
Project Name	Project -Nutrition Assistant Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint-1	User panel	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Karthikraja, Ebinson, Gnanasurya, Vidhyasri.
Sprint-1	Admin panel	USN-2	The Admin uses the clarifai API to identify the food and nutrition API to find the amount of nutrition present in that food.	2	High	Karthikraja, Ebinson, Gnanasurya, Vidhyasri.
Sprint-2	Chat bot	USN-3	As a user I can also directly ask questions to bot created using IBM Watson Assistant.	2	High	Karthikraja, Ebinson, Gnanasurya, Vidhyasri.
Sprint-1	Final Deliverables	USN-4	Final Deliverables are the extras that we create to the user for better experience.	2	High	Karthikraja, Ebinson, Gnanasurya, Vidhyasri.

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		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		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)

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

BURNDOWN CHART

