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

Date	18 October 2022
Team ID	PNT2022TMID00034
Project Name	Nutrition Assistant Application using Cloud Computing
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Panel	USN-1	The user will login into the website enter his height & weight and also uploads the food he wants to eat on the website.	20	High	ALLAN JACOB P ABISHEK R ACHUTHA MALLIKARJUNA JANESH C
Sprint-2	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.	20	High	ALLAN JACOB P ABISHEK R ACHUTHA MALLIKARJUNA JANESH C
Sprint-3	Chat Bot	USN-3	The user can also directly talk to the webpage and ask questions using the chatbot	20	High	ALLAN JACOB P ABISHEK R ACHUTHA MALLIKARJUNA JANESH C
Sprint-4	Final Delivery	USN-4	Integrate the application to Cloud using Docker and Kubernetes. Submit the report of the final application.	20	High	ALLAN JACOB P ABISHEK R ACHUTHA MALLIKARJUNA JANESH C

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		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:

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

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)

Burntdown Chart

October / November 2022

October		November	
10/23 - 10/29	10/30 - 11/05	11/06 - 11/12	11/13 - 11/18

Actual

Planned

Team ID-PNT2022TMID00034
Nutrition Assistant Application using Cloud Computing

10/23
1. Creation of webpage

10/30
2. Integrating the required API's

11/06
3. Adding chatbot to the application

11/13
4. Integating to cloud