

Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID06816
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	Sudharsanam Rajadurai Vignesh Balaji Mukesh
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	Sudharsanam Rajadurai Vignesh Balaji Mukesh
Sprint-3	Chat Bot	USN-3	The user can also directly talk to the webpage and ask questions using the chatbot	20	High	Sudharsanam Rajadurai Vignesh Balaji Mukesh
Sprint-4	Final Delivery	USN-4	Integrate the application to Cloud using Docker and Kubernetes. Submit the report of the final application.	20	High	Sudharsanam Rajadurai Vignesh Balaji Mukesh

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:

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

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)

Burndown Chart

October / November 2022

