Project Planning Phase

Date	18 / 10 / 2022
Team ID	PNT2022TMID50416
Project Name	Nutrition Assistant Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members

Sprint-1	User Panel	USN-1	User will register and login to the website and start using the application functionalities	20	High	Ariharan Nishok Pradeepan Gods Graceson
Sprint-2	Core functionality	USN-2	User will upload the food image and fetch the food nutrition and calorie contents from clarifi AI api.	20	High	Ariharan Nishok Pradeepan Gods Graceson
Sprint-3	User history and activitystatistics	USN-3	User's history will be stored and activity statistics can be accessed be users	20	High	Ariharan Nishok Pradeepan Gods Graceson
Sprint-4	Final Delivery	USN-4	Containerize the application using docker kubernetes and	20	High	Ariharan Nishok Pradeepan Gods Graceson

			deployment of the application and document the application.			

Velocity:

Imagine that we have a 10-day sprint duration and the velocity of the team is 20 (points per sprint). Let us calculate the team's average velocity(AV) periteration unit (story points per day)

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

Project Tracker, Velocity & Burn down Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint-1	20	6 Days	24 / 10 / 2022	29 / 10 / 2022	20	29Oct2022
Sprint-2	20	6 Days	31 / 10 / 2022	05 / 11 / 2022	20	05NOV 2022
Sprint-3	20	6 Days	07 / 11 / 2022	12 / 11 / 2022	20	12NOV 2022
Sprint-4	20	6 Days	14 / 11 / 2022	19 / 11 / 2022	20	19NOV 2022

Burndown Chart

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile sof
methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable pr