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

Date	18 October 2022
Team ID	PNT2022TMID32825
Project Name	Project - Nutrition Assistant Application
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Devi.E
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Kaviya Tharsini.L
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	Devi.E
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Kalpna.S
Sprint-1	Dashboard	USN-5	As a user, I can access the dashboard by logging into the webpage	1	High	Abinaya.S
Sprint-2	Data collection	USN-6	As a user, I can add my health details.	1	Medium	Kaviya Tharsini.L
Sprint-3	Accessing the application	USN-7	As a user, I can capture the image of food and identify it's nutritional value with the help of application.	2	High	Kalpana.S
Sprint-3	Tracking the calories	USN-8	As a user, I can easily track my calories.	2	Medium	Abinaya.S
Sprint-2	Recommendation	USN-9	As a user, I will take the food which is recommended by the application to maintain a healthy lifestyle.	2	High	Abinaya.S

| Sprint-4 | View the image | USN-10 | As a admin, I can view the data received from the user. | 2 | Medium | Kaviya Tharsini.L |
| Sprint-4 | Provide nutritional information | USN-11 | As a admin, I can provide nutritional information about the analyzed image. | 2 | High | Kalpana.S |

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	20	5 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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

Burndown Chart

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

Goal : 80 hours in 4 weeks
Burndown Chart