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

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