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

Date	07 November 2022
Team ID	PNT2022TMID38229
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	New user enters into the System He/ She can register into the Application by entering mail Id and Password.		High	Team Lead
Sprint-1		USN-2	The user will receive conformation Email	5	High	Team Member -1
Sprint-1	Login	USN-3	After Successful registration the user can Log into the application by entering the registered Mail Id and Password	8	Low	Team Member- 2
Sprint-2	Dashboard	USN-4	User can get into the Dashboard only when the Verification Successful. After the user can access the displayed information in the Dashboard.	8	Medium	Team Member-3

Sprint-2	Calorie prediction	USN-5	As a user, I can upload photos to predict the calorie values.	10	High	Team Lead, Team Member-1
Sprint-3	Diet chart	USN-6	As a user, I can view the diet chart generated by the tool.	7	High	Team Member- 3

Sprint	Functional	User Story	User Story / Task	Story Points	Priority	Team
	Requirement (Epic)	Number				Members
Sprint-4	Quality Assurance	USN-8	As a user they have some credibility issues while	8	High	Team
			using application.			Member- 2
Sprint-3	Train Model	USN-9	As an administrator, I must use the most	9	High	Team lead,
			suitable ML model for prediction of calories.			Team
						Memebr-1
Sprint-3	Health Details	USN-10	As a user I have to enter my health details to	7	High	Team
			get the proper diet chart.			Member-3
Sprint-3	Food	USN-11	As a user I can get the food recommendations	9	High	Team
-	Recommendations		as per my health conditions.			Member- 2

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	05 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 6-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)

Sprint	Average Velocity
Sprint-1	6.6
Sprint-2	8

Sprint-3	7.5
Sprint-4	8

Total Average Velocity=7.5

ROADMAP:

			JAN	FEB	MAR	AF
	NUT-3 Sprint					
	NUT-4 Nutrition prediction					
	☑ NUT-5 Data processing	TO DO				
	NUT-6 Data Visualization	TO DO				
	NUT-7 Train prediction model	TO DO				
	NUT-8 Test the model	TO DO				
	NUT-9 Save the model	TO DO				
	NUT-10 Data collection	то ро				
•	NUT-11 Registration					
	✓ NUT-12 Registration page	TO DO				
	✓ NUT-13 User Authentication	TO DO				
	NUT-14 Login					
	✓ NUT-15 Login page	TO DO				
	✓ NUT-16 User Authentication	то ро				
	NUT-17 Dashboard					
	NUT-18 Dashboard page	то ро				
•	NUT-19 Calorie Detection					
	✓ NUT-20 Calorie Detection page	то ро				
-	NUT-21 Diet chart					
	✓ NUT-22 Diet chart Testing	TO DO				
	NUT-23 Quality Assurance					
	✓ NUT-24 Assure about Quality	то ро				

## BURNDOWN CHART:

