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

Date	18 October 2022
Team ID	PNT2022TMID33084
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	prerequisites for model building	USN-0	As a developer I have to collect the different type of data possible and other data supporting the model	2	High	
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	
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	
Sprint-1	Gmail Registration	USN-3	As a user, I can register for the application through Gmail	2	Low	
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	
Sprint-2	Suggestion	USN-5	As a user now I can make recommendations such as nutrition plans,diet plans etc..	1	Low	
Sprint-2	Model building	USN-6	Development of the model with the prepared data	2	High	
Sprint-2	Main interface	USN-7	As a user i can view my calories by uploading the photo of the food that I want to eat	2	High	

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Diet plan for free users	USN-9	As a dietician I provide a diet plans for the betterment of the user	2	High	
Sprint-3	Diet plans for Premium users	USN-10	As a premium user, I can choose to follow the diet plan based on my food habits	1	Medium	
Sprint-3	User image analysis	USN-11	As a user, I can track my calories intake and know about my food in detail	2	High	
Sprint-3	Improve the efficiency of AI model	USN-12	As a developer, I can give the better model that analyse the food and provide the accurate result	2	Medium	
Sprint-3	User analysis record	USN-13	As a user, I can check the records of the food habits	1	Medium	
Sprint-4	Diet tips and basic plan	USN-14	As a user now I can make recommendations such as nutrition plans,diet plans etc..	1	Medium	
Sprint-4	Payment	USN-15	Develop the payment gateway options for premium users	2	High	
Sprint-4	Dashboard	UNS-16	The details will provided via nutrition AP	2	High	

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		4 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		18 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.