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

Date	18 October 2022
Team ID	PNT2022TMID46153
Project Name	Project – AI-powered Nutrition Analyzer for Fitness Enthusiasts
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	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-2	Nutrition Analyzer	USN-5	As a user, I can view the nutrition level of the fruit by scanning the fruit	2	High	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-2		USN-6	As a user, I can able to calculate the nutritional value of the different fruits at the same time	2	High	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-7	As a user, I can able to view fruits (input data) details by related web site	1	Medium	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-4	Customer Support	USN-8	As a customer care executive, I can view the complaints on chat box	1	Medium	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-4		USN-9	As a customer, I should be able solve and reply for the customers queries	1	Low	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-4		USN-10	As a customer, I can close the complaint after assisting	1	Low	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-3		USN-11	As a Administrator, I would take care of registrations and maintenance of accounts	2	High	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G
Sprint-2		USN-12	As a Administrator, I Would resolve issues on Access	1	High	Yowanselvakumar D, Harish ragavendra M, Elamparethi A, Subash S, Sakthivel G

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		

Project Tracker, Velocity & Burndown Chart: (4 Marks) 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.

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