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

Date	03 November2022
Team ID	PNT2022TMID43019
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 supportingthe model	2	High	Samyuktha S.R Rajarajeswari.J
Sprint-1	Registration	USN-1	As a user, I can register for the application byentering my email, password, and confirming my password.	2	High	Rajarajeswari.J Sakhi Oviya.A
Sprint-1		USN-2	As a user, I will receive confirmation email onceI have registered for the application	1	High	Sakhi Oviya.A Sri Vijaya Harini.R
Sprint-1	Gmail Registration	USN-3	As a user, I can register for the applicationthrough Gmail	2	Low	Sri Vijaya Harini.R Samyuktha S.R
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Sakthi Oviya.A Sri Vijaya Harini.R
Sprint-2	Suggestion	USN-5	As a user now I can make recommendations such as nutrition plans,diet plans etc..	1	Low	Samyuktha S.R Rajarajeswari.J
Sprint-2	Model building	USN-6	Development of the model with the prepareddata	2	High	Sakthi Oviya.A Sri Vijaya Harini.R
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	Rajarajeswari.J Samyuktha.S.R

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 thebetterment of the user	2	J	Rajarajeswari.J Samyuktha S.R
Sprint-3	Diet plans for Premium users	USN-10	As a premium user, I can choose to follow thediet plan based on my food habits	1	Medium	Sakthi Oviya.A Sri Vijaya Harini.R
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	Sri Vijaya Harini.R Sakthi Oviya.A
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	Rajarajeswari.J Samyuktha S.R
Sprint-3	User analysis record	USN-13	As a user, I can check the records of the food habits	1	Medium	Sakthi Oviya.A Samyuktha S.R
Sprint-4	Diet tips and basic plan	USN-14	As a user now I can make recommendationssuch as nutrition plans,diet plans etc..	1	Medium	Rajarajeswari.J Sri Vijaya Harini.R
Sprint-4	Payment	USN-15	Develop the payment gateway options for premium users	2	High	Samyuktha S.R Sri Vijaya Harini.R
Sprint-4	Dashboard	UNS-16	The details will provided via nutrition AP	2	High	Rajarajeswari.J Sakthi Oviya.A

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