NUTRITION ASSISTANT APPLICATION

SPRINT DELIVERY PLAN

DATE	4 NOVEMBER 2022
TEAM ID	PNT2022TMID06280

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	Home page	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	John sathya seelan Pranesh raj
Sprint-1	Notify	USN-2	As a user, I will receive confirmation email once I have registered for the application.	5	Medium	Swaathi G Giri prasanth
Sprint-1	Login page	USN-3	As a user, I can log into the application by entering email & password.	5	Medium	John sathya seelan Pranesh raj

Sprint-1	Registration page	USN -4	A new user have to register and login to access the web app	5	High	John sathya seelan Pranesh raj
Sprint-2	Database management & connectivity	USN-5	As a user, I can fill the Details.	20	High	Swaathi G Giri prasanth
Sprint-3	API (Clarifai)	USN-6	The connection b/w the web app and the clarifai api	10	High	Swaathi G Giri prasanth
Sprint-3	Chatbot	USN-7	The user can also directly talk to the webpage and ask question using chatbot	10	High	John sathya seelan Pranesh raj
Sprint-4	Shown the nutrition Recipe for scanned food	USN-8	As a user, I can scan the food an get the nutrition details and recipe for related scanned	10	High	Swaathi G Giri prasanth
Sprint-4	Final Delivery	USN-9	Integrate the application to Cloud using Docker and Kubernetes. Submit the report of the final application	10	High	John sathya seelan Pranesh raj

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.

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		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022

Velocity:

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

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)