PROJECT PLANNING PHASE

DATE	**26.10.2022**
TEAM ID	**PNT2022TMID45910**
PROJECT NAME	**NUTRITION ASSISTANT APPLICATION**
MAXIMUM MARKS	**8 MARKS**

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement	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	SHEIK ABDULLAH
		USN-2	As a user, I will receive confirmation email once I have registeredfor the application	1	High	MUTHU PANDI
	LOGIN	USN-3	As a user, I can log into the application by entering email &password	1	High	BASKAR
	DASHBOARD	USN-4	Logging in takes to the dashboard for the logged user.	`2	High	SIVA SAKTHI
Sprint 2	**WORK SPACE**	**USN-1**	**Workspace nutrition assistance application**	**2**	**High**	**MUTHU PANDI**
	CONNECTING T0 IBM DB2	**USN-2**	**Linking database with application**	**2**	**High**	**SHEIK ABDULLAH**
Sprint 3		**USN-1**	**Wrapping up the server side works of frontend**	**1**	**Medium**	**BASKAR**
	WATSON ASSISTANT	USN-2	Creating Chatbot for nutritional facts query and basic problems should be solved	1	Medium	MUTHU PANDI
	SENDGRID	USN-3	Using SendGrid to send mail to the user about how many calories can eat in every day	1	Medium	SHEIK ABDULLAH
	NUTRITION API	USN-4	To assist application developers wishing to incorporate nutrient data into their applications	2	High	SIVA SAKTHI
Sprint 4	DOCKER	US N-1	Creating image of website using docker	2	High	SHEIK ABDULLAH
	CLOUD REGISTRY	US N-2	Uploading Docker image to IBM Cloud registry	2	High	MUTHU PANDI
	KUBERNETES	US N-3	Create container using the Docker image and hosting the site	2	High	BASKAR
	EXPOSING	US N-4	Exposing IP/Ports for the site	2	High	SHEIK ABDULLAH

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	26 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	01 Nov 2022	06 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	13 Nov 2022	18 Nov 2022	20	19 Nov 2022

Velocity

We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). Calculating the team's average velocity (AV).

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{6} = 3.33$$