

Project Planning Phase

Sprint planning phase

Date	22 October 2022
Team ID	PNT2022TMID25087
Project Name	NUTRITION ASSISTANT APPLICATION
Maximum Marks	4 Marks

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Setting Up Application Environment	USN-1	To create lots of environment. Create or Enrolment to the IBM cloud, Docker CLI installation, create an account in SendGrid and Nutrition API, etc.,	20	High	Mohammed Ashik S Alwin Selva kumar A Mamallan S Sabarinath S
Sprint-2	Implementing Web Application	USN-2	We create a UI to interact with application. Create database system DB2 and connect it with python and integrate with Nutrition API.	20	High	Mohammed Ashik S Alwin Selva kumar A Mamallan S Sabarinath S
Sprint-3	Integrating SendGrid Service	USN-3	SendGrid integration with python code for include some RestAPI services for to give a Nutrition and calorie value.	20	High	Mohammed Ashik S
Sprint-4	Deployment of App in IBM Cloud	USN-4	In the deploy process, the deployment in Kubernetes cluster is the major task before that we need to containerize the app and upload image to IBM container Registry	20	High	Mohammed Ashik

Project Tracker, Velocity & Burndown Chart:

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

Velocity:
It will be updated after the first week of work is completed.

SPRINT VELOCITY = (SPRINT PLANNING) / (VELOCITY) = 20/6= 3.33

BURNDOWN CHART :

	Initial Estimate	Week 1	Week 2	Week 3	Week 4	Hours Left
Feature						
Categories	60	20	8	5	1	26
Synchronization	60	10	5	2	2	41
Accounts	60	5	8	2	10	35
Reminders	60	10	12	2	3	33

		Week 1	Week 2	Week 3	Week 4
Settings	Start				

Planned Hours					
		30	30	30	30
Actual Hours					
	90	25	35	40	20
Remaining Effort					
	55	40	29	15	0
Ideal Burn down					
	60	45	30	15	0

