Project Planning Phase

Team ID	PNT2022TMID022573
Project Name	Nutrition Assistant Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (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 environments. Create or Enrolment to the IBM cloud, Docker CLI installation, createan account in SendGrid and Nutrition API, etc.,	4	High	Dinesh J
Sprint-1	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	4	High	Kaviya SS
Sprint-1		USN-3	As a user, I will receive confirmation email once I have registered for theapplication	2	Medium	Kaviya G
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Niranjan B

Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	4	High	Dinesh J Kaviya SS
Sprint-2	Profile	USN-6	As a User, I can view and change my profile settings.	2	Medium	Kaviya SS Kaviya G
Sprint-2	Upload image	USN-7	As a User, I can upload the food picture to know about it details	4	Medium	Niranjan B Dinesh J
Sprint-3	Prediction resultpage for food items.	USN-8	Displays the result of the uploaded food picture	7	High	Kaviya SS Niranjan B
Sprint-4	View history offood items.	USN-9	Gives a Consolidated view of previously searched food items.	4	Medium	Dinesh J Kaviya G

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 ReleaseDate (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:

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 burndown 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, burndown charts can be applied to any project containing measurable progress over time.

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	T	NOV	DEC	JAN '23	FEB '23	MAR '23
Sprints	NAA ... NAA ... NAA ... NAA Sprint 5					
Releases						
+ Create Epic						

Today   Weeks   **Months**   Quarters

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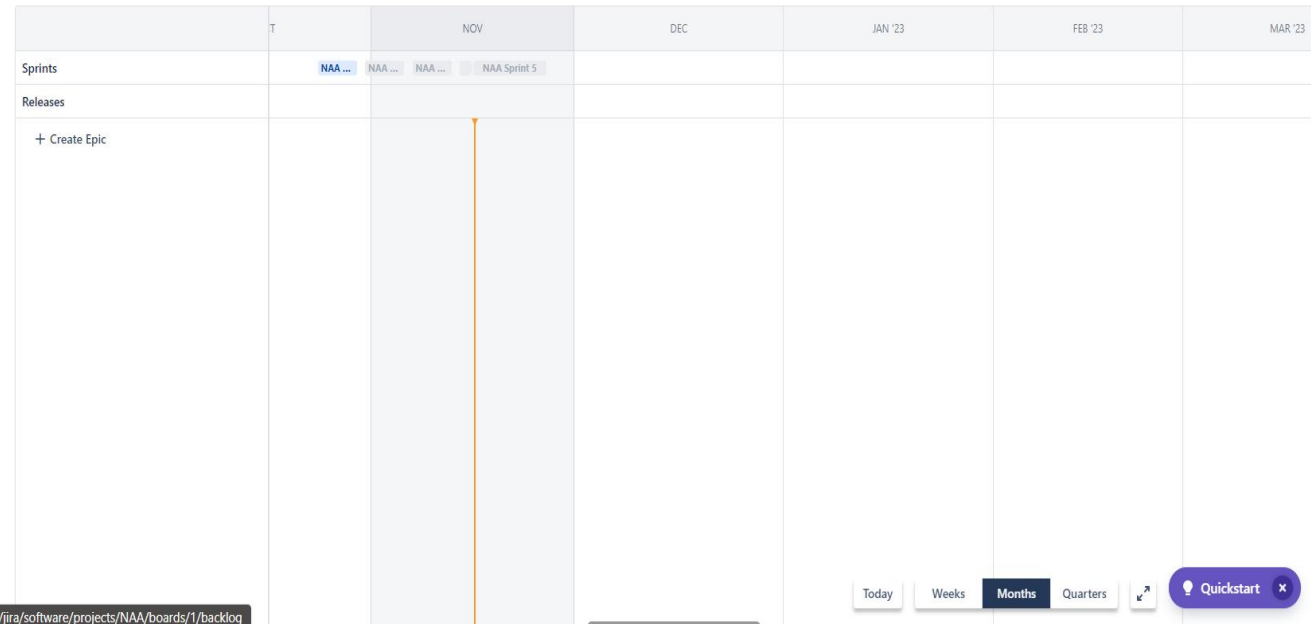
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Sprint ˅

GROUP BY None ˅   Insights

TO DO 2 ISSUES

Registration
☑ NAA-14   4   KS

Upload Image
☑ NAA-18   4   KS

IN PROGRESS 1 ISSUE

View History
☑ NAA-20   4   KG

DONE 3 ISSUES ✓

Login
☑ NAA-16   ✓   4   KG

Profile
☑ NAA-17   ✓   2   NB
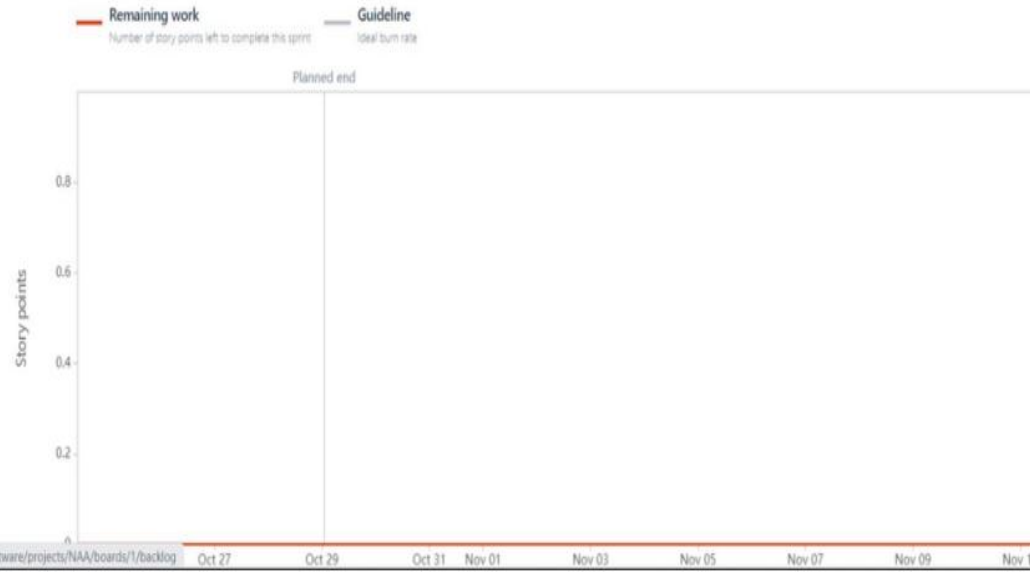
Confirm Registration
☑ NAA-15   ✓   4   DJ

💡 Quickstart ✕

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Reports

Overview

Burnup report

Sprint burndown chart

Velocity report

Cumulative flow diagram

Cycle time report

Deployment frequency report

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Report: NAA Sprint 5

*Issue added after sprint start

Scope changes log   View in issue navigator

Date ▾	Key ⌄	Summary ⌄		Issue type ⌄	Epic ⌄	Details of scope change ⌄	Change in estimation ⌄
2022-11-16	NAA-20*	View History		☑ Task		Issue added to sprint	1

Your sprint commitment has increased by 1 issue

Due to scope changes: You have 1 issue to complete this sprint

Incomplete issues   View in issue navigator

Key ⌄	Summary ⌄	Issue type ⌄	Epic ⌄	Status ⌄	Assignee ⌄	Issue count
NAA-20	View History	☑ Task		IN PROGRESS	KG	1

Completed issues

Key ⌄	Summary ⌄	Issue type ⌄	Epic ⌄	Status ⌄	Assignee ⌄	Issue count

No issues in sprint have been completed

Projects / Nutrition Assistant Application / Reports

Velocity report   ⟩ How to read this report

Commitment
The amount of work in the sprint when it began.

Completed
The amount of work done during the sprint.

Sprint	Commitment	Completed
NAA Sprint 2	0	0
NAA Sprint 1	0	4
NAA Sprint 3	0	7
NAA Sprint 4	0	5
NAA Sprint 5	0	0