

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID32239
Project Name	Nutrition Assistance Application

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	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 or username, password, and confirming the password.	2	High	Abinaya.R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application.	2	High	Mohammed Arsath.A
Sprint-2	Biometrics Details	USN-3	As a user, I have enter the biometrics details that are asked in the application	2	High	Yuvan kumar.s.y
Sprint-2		USN-4	As a User, I can make some recommendations such as weight loss needs, food control, nutritive plan etc.	1	Medium	Chandra sekar.M
Sprint-3	Search the food	USN-5	As a user, I will search the food in the application.	2	High	Karthik.B
Sprint-3	Nutrition Plan	USN-6	As a user, I can have some suggestion about chosen food to have a healthy lifestyle.	1	Medium	Abinaya.R
Sprint-4	Daily calorie chart	USN-7	As a user, I can add daily, how much calories I have per day.	1	Medium	Mohammed arsath.A
Sprint-4	Alert	USN-8	As a user, I will get an custom alert, if I crossed the calorie limit.	2	High	Chandra sekar.M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Deployment	USN-9	As a user, I can access the application anywhere by using net..	1	Medium	Karthik.B

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	8 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	8 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	8 Days	06 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	8 Days	13 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

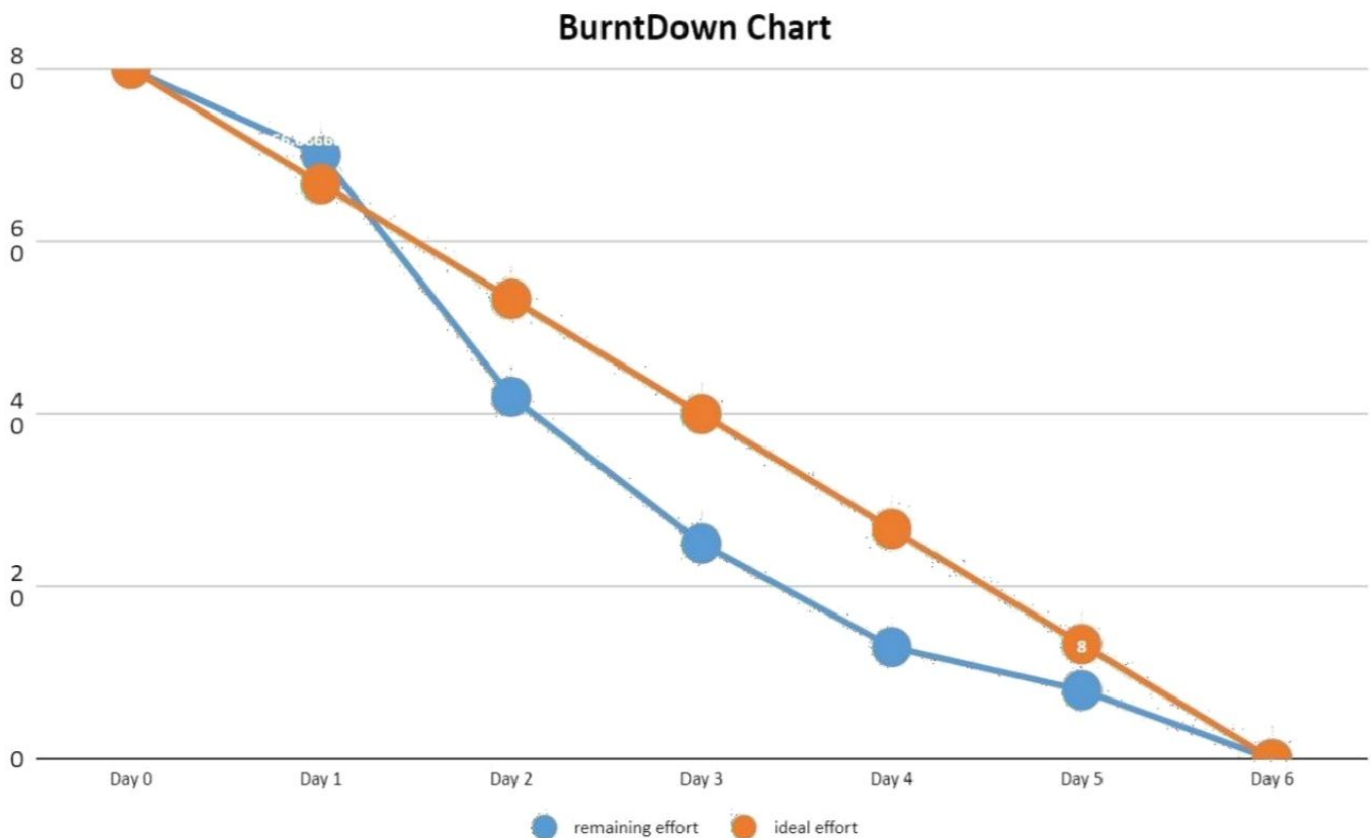
Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$\begin{aligned}
 AV &= \text{Velocity} / \text{Sprint Duration} \\
 &= 20/8 \\
 &= 2.5
 \end{aligned}$$

$$\begin{aligned}
 AV &= \text{Velocity} / \text{Sprint Duration} \\
 &= 30/8 \\
 &= 3.75
 \end{aligned}$$

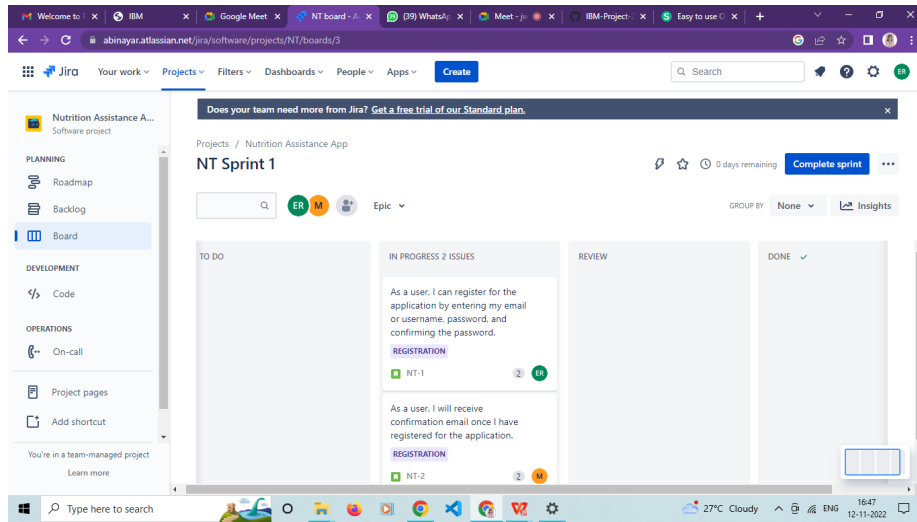
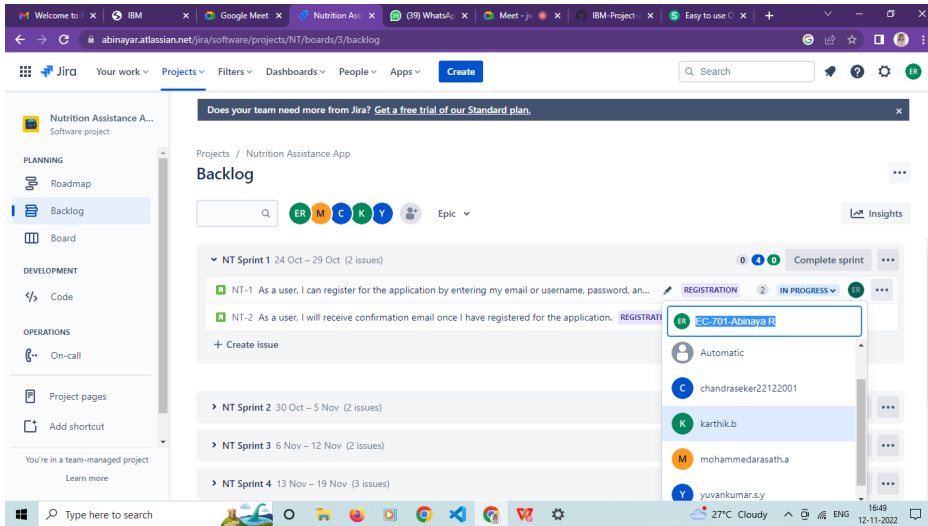
Burndown Chart:

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.



X-axis - Day
Y-axis - Story Points

GIRA- ATLASSIAN



	OCT							NOV							NOV							NOV						
	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Sprints	NT Sprint 1							NT Sprint 2							NT Sprint 3							NT Sprint 4						
> NT-10 Registration																												
> NT-11 Biometric details																												
> NT-12 Search the plan																												
> NT-13 Nutrition Plan																												
> NT-14 Daily Calorie Chart																												
> NT-15 Alert																												
> NT-16 Deployment																												