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

Date	19 October 2022
Team ID	PNT2022TMID43307
Project Name	Project – Plasma Donor 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	Registration	USN-1	As a user, I mist be able to register my account using my details	5	High	Keshav Adithya SP, MHNS Sriram R
Sprint-1	Verification of email	USN-2	As a user, I should receive a confirmation mail on registering	4	High	MHNS Sriram Raju, Naveenkumar S
Sprint-1	User Login	USN-3	As a user, I must be able to log into my profile	5	High	Keshav Adithya SP, Abubakar Siddick K
Sprint-1	Donor Profile	USN-4	As a user, I must be able to register as a donor	5	High	Naveenkumar S, Abubakar Siddick K
Sprint-2	Dashboard	USN-5	As a user, I must be able to see availbility of donors and other information on my dashboard	5	High	Keshav Adithya SP, MHNS Sriram Raju, Naveenkumar S
Sprint-2	Plasma Request	USN-6	As a user, requesting for plasma through an application must be implemented	5	High	MHNS Sriram Raju,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Plasma Request	USN-6	As a user, requesting for plasma through an application must be implemented	5	High	Naveenkumar S, Abubakar Siddick K
Sprint-2		USN-7	As a user, I must be able to upload related documentation and get verified as a donor	5	High	MHNS Sriram Raju, Naveenkumar S, Abubakar Siddick K
Sprint-3	Acceptance of request	USN-8	As a verified donor, I must be able to accept the donation requests from the recipients	5	High	Keshav Adithya SP, Naveenkumar S, Abubakar Siddick K
Sprint-3	Appointmen t for donating	USN-9	As a verified donor, I must be able to book an appointment to donate.	4	High	Keshav Adithya SP, MHNS Sriram Raju, Naveenkumar S
Sprint-3		USN-10	As a verified donor, sharing of information must be made plausible between donor and recipient	3	Medium	MHNS Sriram Raju, Naveenkumar S
Sprint-3	Admin	USN-15	As an admin, I must be able to manage the entire management of the application	5	High	Keshav Adithya SP, MHNS Sriram Raju, Naveenkumar S, Abubakar Siddick K
Sprint-4	About	USN-18	As a user and if I am new to plasma donation, I can read about the plasma and plasma donation in dedication about section	3	Medium	Keshav Adithya SP
Sprint-4	Administrator	USN-19	As an admin, I will approve all the plasma transaction in the application after the proper verification	5	High	MHNS Sriram Raju, Naveenkumar S

Project Tracker, Velocity & Burn down 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	19	6 Days	30th Oct 2022	05th Oct 2022	19	05th Oct 2022
Sprint-2	20	6 Days	06th Nov 2022	11th Nov 2022	20	11th Nov 2022
Sprint-3	17	6 Days	12th Nov 2022	17th Nov 2022	17	17th Nov 2022
Sprint-4	8	6 Days	18th Nov 2022	19th Nov 2022	8	19th Nov 2022

Velocity:

Imagine we have a 30-day sprint duration, and the velocity of the team is 60 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\_duration}{velocity} = \frac{60}{30} = 2$$

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date(Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)	Average Velocity (AV) = Sprint duration /velocity
Sprint-1	19	7 Days	30th Oct 2022	05th Oct 2022	19	05th Oct 2022	2.71
Sprint-2	20	6 Days	06th Nov 2022	11th Nov 2022	20	11th Nov 2022	3.33
Sprint-3	17	6 Days	12th Nov 2022	17th Nov 2022	17	17th Nov 2022	2.83
Sprint-4	8	2 Days	18th Nov 2022	19th Nov 2022	8	19th Nov 2022	4

Total number of days = sprint 1 + sprint 2 + sprint 3 + sprint 4 = 7 + 6 + 6 + 2 = 21

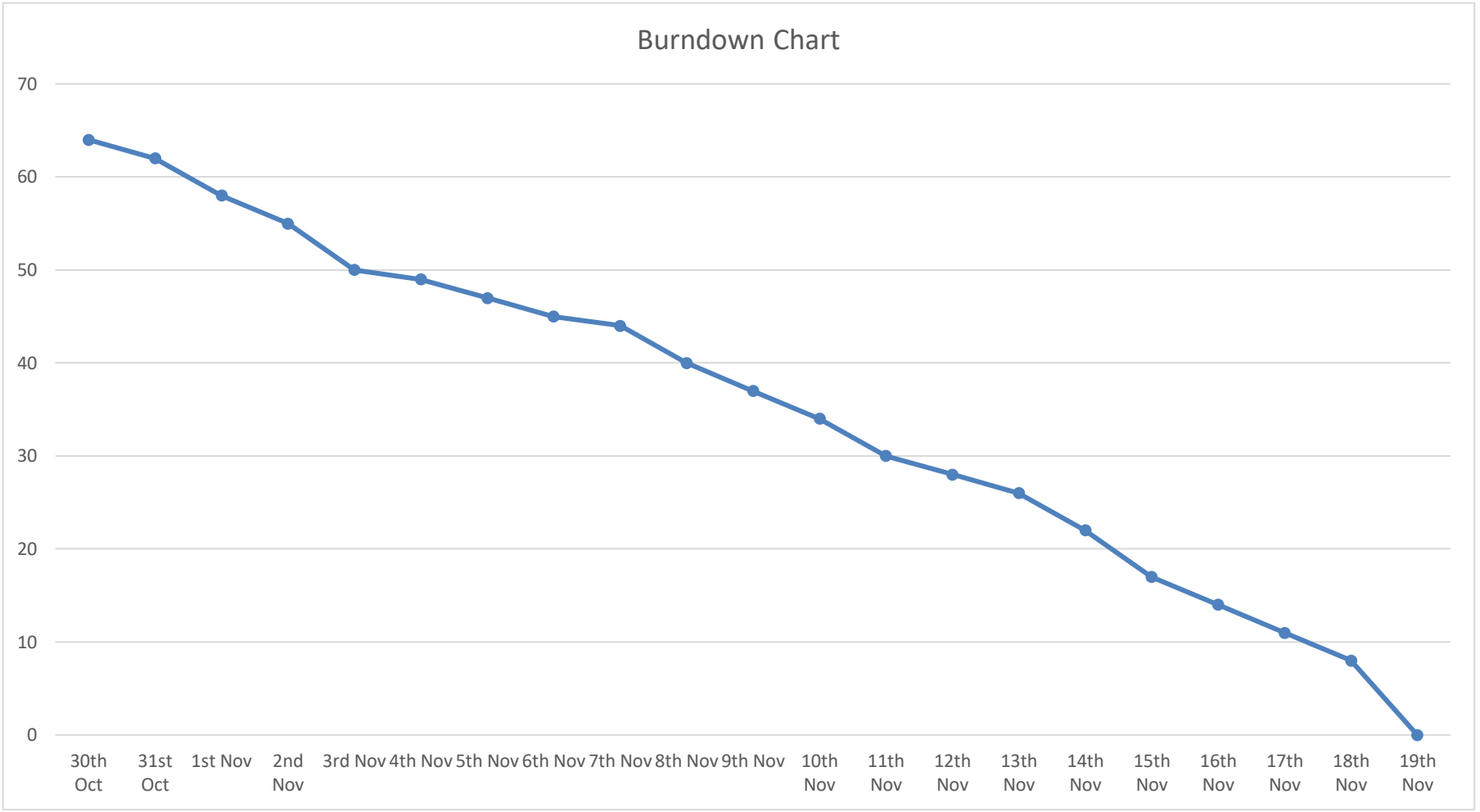
Total number of story points = 19 + 20 + 17 + 8 = 64

Average velocity per sprint = 64/21

~= 3.0476

= 3

Burndown Chart:



Estimated Burndown Chart