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

Product Backlog, Sprint Schedule, and Estimation
Use the below template to create product backlog and sprint schedule

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, password, and confirming my password.	8	High	Team Lead
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Team Member-1
Sprint-2		USN-3	As a user, I can register for the application through Facebook	8	Low	Team Member-2
Sprint-1		USN-4	As a user, I can register for the application through Gmail	8	Medium	Team Member-3
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	10	High	Team Lead, Team Member-1
Sprint-2	Dashboard	USN-6	As a user , I can search the blood group for which I need plasma.	7	High	Team Member-1, Team Member-2
Sprint-2	Dashboard	USN-7	As a user, I can see login page and registration page for which the user login and searches for the required blood group plasma.	8	Medium	Team Lead, Team Member-3
Sprint-3	Dashboard	USN-8	As a customer care executive, I can solve the queries of the users.	9	High	Team Member-2,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Team Member-3
Sprint-4	Registration	USN-9	As an Administrator, I can view the database of the registered users.	7	Medium	Team Lead, Team Member-2
Sprint-4	Dashboard	USN-10	As an Administrator, I can view how many members need what kind of blood group for plasma.	9	Low	Team Member-2, Team Member-3
Sprint-4	Dashboard	USN-11	In addition to the customer care executive. I can solve all the queries of the donors as well as the recipient.	5	Medium	Team Lead, Team Member-2
Sprint-1	Home Page	USN-12	As a user, I can view the homepage of the website and look up general plasma treatment information	5	Low	Team Member-2
Sprint-1	Send Request	USN-13	As a user, I can raise a request for plasma donation with specific requirements.	6	High	Team Lead
Sprint-3	View Request	USN-14	As a user, I can view requests for plasma donation verified by admin	8	Medium	Team Member-3
Sprint-4	Maintenance	USN-15	As an admin, I can maintain the databases involved	5	Medium	Team Member-4
Sprint-2	Search for Donor	USN-16	As an admin, I can search for suitable donors in the database based on requests received.	7	High	Team Member-2

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	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)
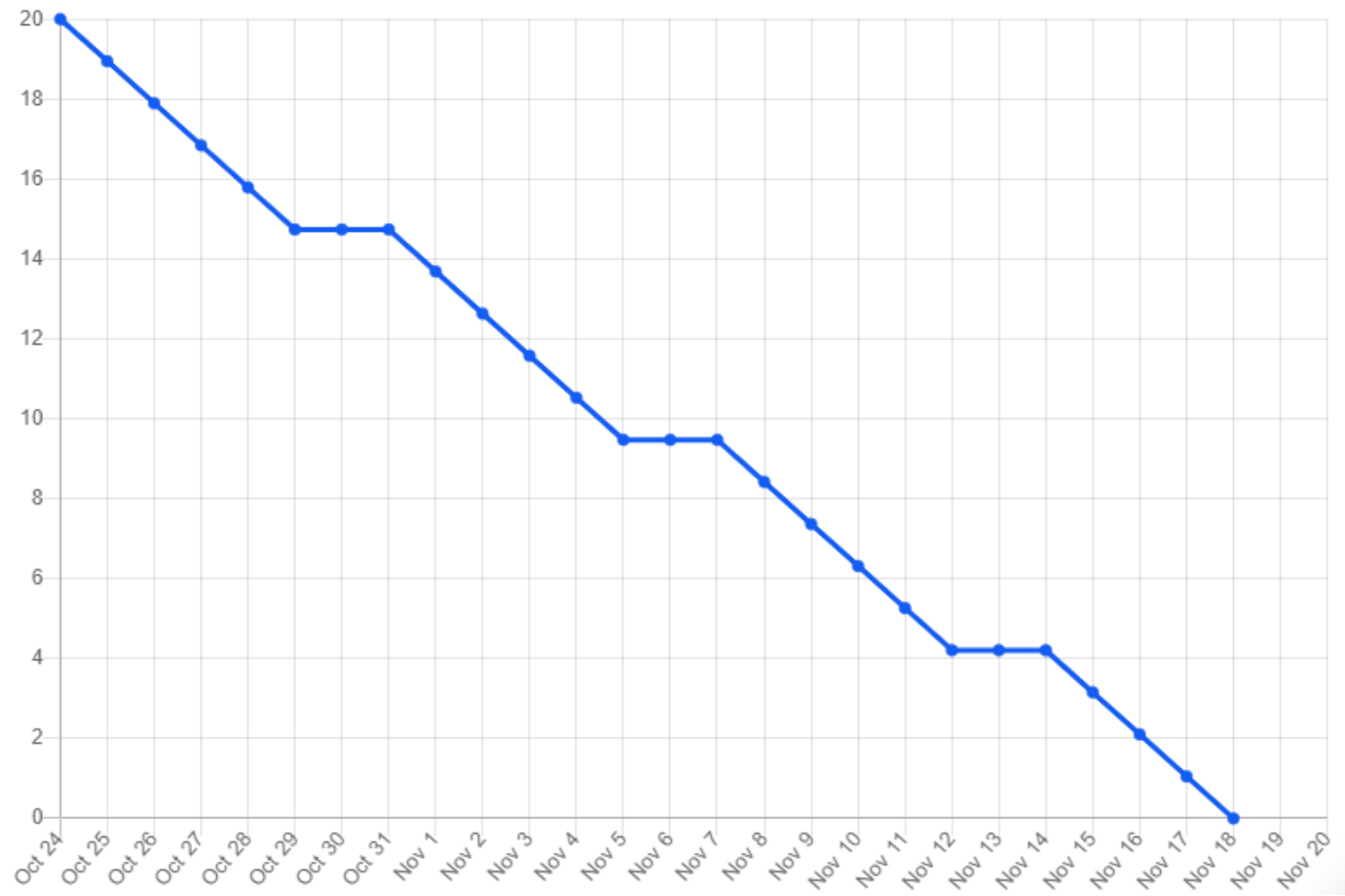
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Sprint	Average Velocity
Sprint-1	6.5
Sprint-2	8
Sprint-3	7.6
Sprint-4	8.5

Total Average Velocity =7.65

BURNDOWN CHART:

Burndown Chart

ROADMAP :

Sprints		NOV
⚡ PLASMA-2 Registration	▬	
⚡ PLASMA-3 Login	▬	
⚡ PLASMA-4 Dashboard	▬	
⚡ PLASMA-5 Dashboard		▬
⚡ PLASMA-6 Registration		▬
⚡ PLASMA-7 Dashboard		▬