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

Date	30 October 2022
Team ID	PNT2022TMID33940
Project Name	PROJECT-PLASMA DONOR APPLICATION
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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	Setting the required environment	USN-1	Gathering information for the user .	2	High	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-1		USN-2	Creating account in ibm cloud,docker,kubernets.	1	High	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-1		USN-3	Creating container registery.	2	High	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N

Sprint-1		USN-4	Creating the ibm db 2 to store the data of the user.	2	Medium	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-1		USN-5	Creating simple flask application .	1	Low	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-2	Login	USN-6	As a user, I can log into the application by entering email & password	2	High	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-7	As a user, I can log into the application by entering GMAIL.	2	Medium	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-2		USN-8	As a user, I can log into the application by entering facebook.	1	Low	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-2	Mail confirmation	USN-9	As a user, I will receive confirmation mail once I logged into it.	2	High	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-2		USN-10	As a user, I can log into application by entering my login credentials.	2	High	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-3	Local host	USN-11	Deploying my application in my local host by setting up the system environment.	2	High	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N
Sprint-1	Ibm cloud	USN-12	Deploying my application in the ibm cloud by setting up the cloud environment.	2	High	Meenakshi Sundaram S Mohamed Sajith A Porpandian V Sindhu N

Project Tracker, Velocity & Burndown Chart: (4 Marks)

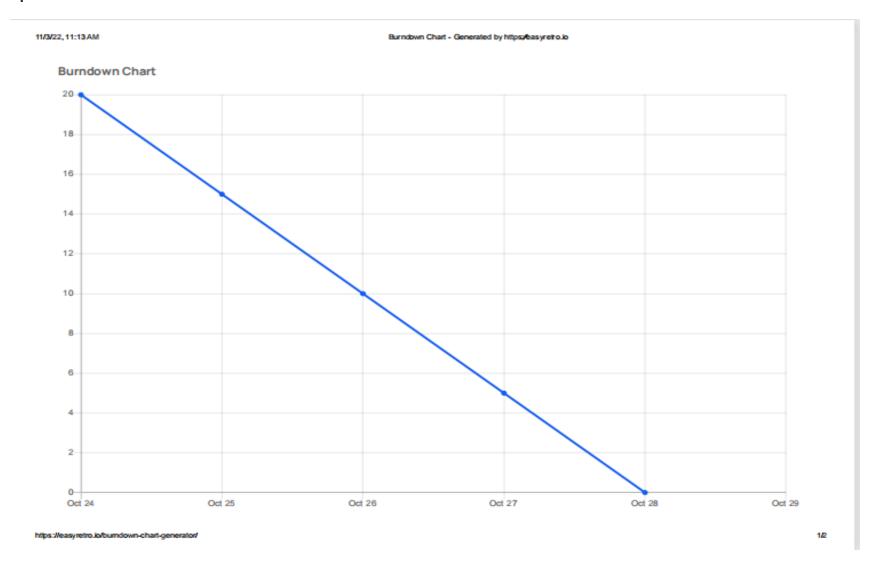| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	2 Nov 2022
Sprint-4	20	6 Days	13 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)

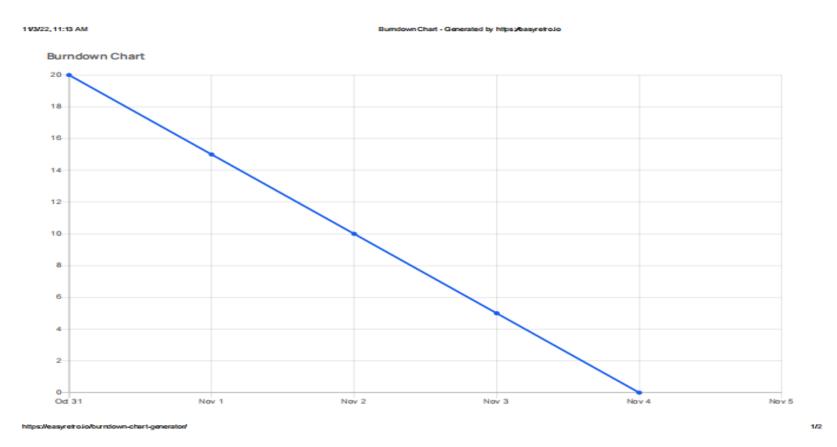$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A 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.
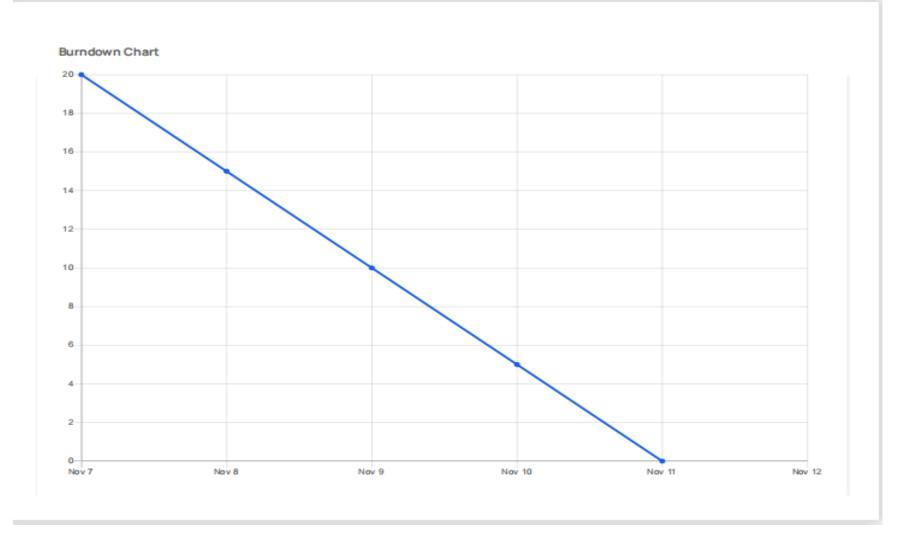
Sprint 1:

Burndown Chart

Sprint 2:

Burndown Chart

Sprint 3:

Burndown Chart

Sprint 4:

Burndown Chart