

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

Date	22 October 2022
Team ID	PNT2022TMID23196
Project Name	Project - Plasma Donor App
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	Registration	USN-1	As a user, I can register for the web app by entering my email, password, and confirming my password.	20	High	1.R.Sruthi 2.G.S.Urmikha 3.M.Susanthika 4.S.Sneha
Sprint-2	Login	USN-2	As a user,I can log into the application by entering email & password.	20	High	1.R.Sruthi 2.G.S.Urmikha 3.M.Susanthika 4.S.Sneha
Sprint-3	Donor Information	USN-3	Donors can update their personal information eg:blood group,.	20	High	1.R.Sruthi 2.G.S.Urmikha 3.M.Susanthika 4.S.Sneha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Finding the donor	USN-4	The patient can find the donor with their similar blood group	20	High	1.R.Sruthi 2.G.S.Urmikha 3.M.Susanthika 4.S.Sneha
Sprint-5	Chatbox	USN-5	The user can directly talk to Chatbot regarding the donor information and any queries.	20	High	1.R.Sruthi 2.G.S.Urmikha 3.M.Susanthika 4.S.Sneha

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	3 Days	22 Oct 2022	24 Oct 2022	20	24 Oct 2022
Sprint-2	20	3 Days	25 Oct 2022	27 Oct 2022	20	27 Oct 2022
Sprint-3	20	6 Days	28 Oct 2022	2 Nov 2022	20	2 Nov 2022
Sprint-4	20	6 Days	03 Nov 2022	5 Nov 2022	20	5 Nov 2022
Sprint-5	20	7 Days	6 Nov 2022	12 Nov 2022	20	12 Nov 2022

Velocity:

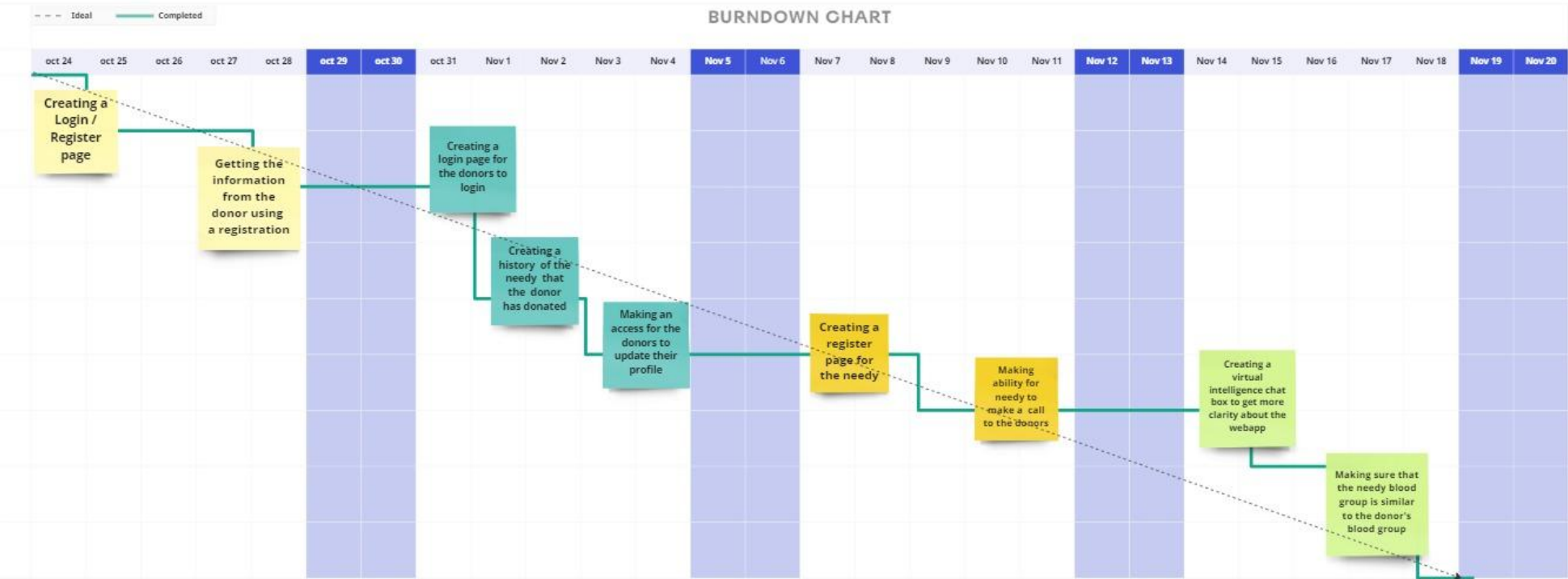
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

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

BURNDOWN CHART



Total story points	20
Completed	0
Remaining	0

Total story points	20
Completed	0
Remaining	0

Total story points	20
Completed	0
Remaining	0

Total story points	20
Completed	0
Remaining	0