Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID24580
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	Registration	USN-1	As a user, I can register as donor or recipient by entering my email, password, and confirming my password.	10	High	Balaji N
Sprint-4	Registration	USN-2	As a user, I will receive confirmation emailonce I have registered for the application	20	Medium	Hariprasad P
Sprint-1	Donor's Login	USN-3	As a donor, I can login into the donor's page	5	High	Balamurugan S
Sprint-1	Recipient's Login	USN-4	As a recipient, I can login into recipient page	5	High	Dharanish V
Sprint-2	Chat Bot	USN-5	For the customer convenience, There is a chat bot for the queries	20	Medium	Balaji N
Sprint-3	Administration	USN-6	As an administrator I can enumerate the user data and manage them	20	High	Hariprasad P

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

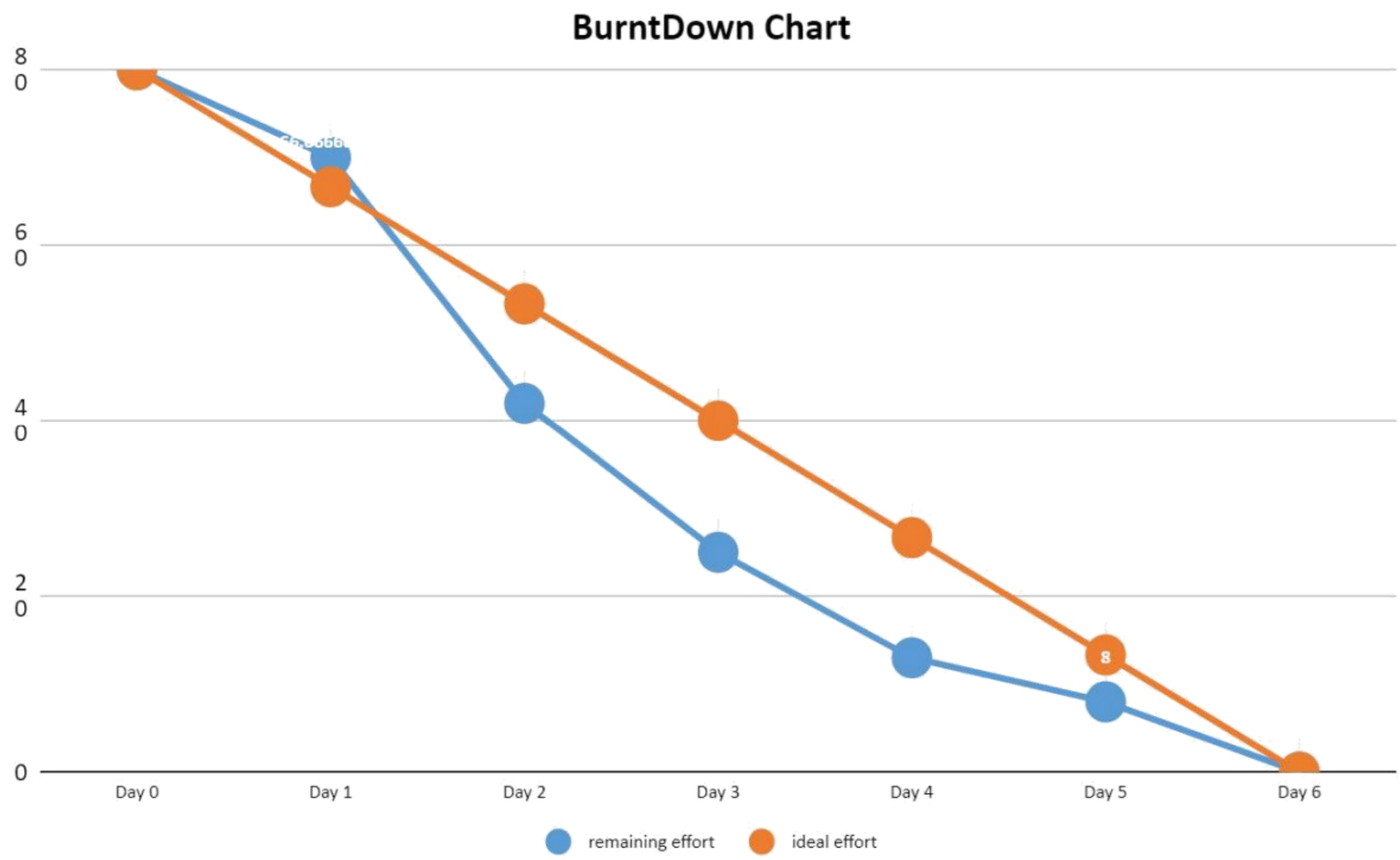
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022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

$$AV = \frac{sprint\ duration}{velocity}$$

Therefore , Average velocity = 20 / 6 = 4

	Initial Estimate	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct	29-Oct
Sprint number	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Sprint-1	20	0	10	5	3	1	1
Sprint-2	20	2	10	4	1	1	2
Sprint-3	20	5	5	5	5	0	0
Sprint-4	20	3	3	3	3	3	5
remaining effort	80	70	42	25	13	8	0
ideal effort	80	66.66666667	53.33333333	40	26.66666667	13.33333333	0


BurntDown Chart
80
60
40
20
0
Day 0
Day 1
Day 2
Day 3
Day 4
Day 5
Day 6
remaining effort
ideal effort